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DEPARTMENT OF THE INTERIOR,

CENSUS OFFICE.

ROBERT P. PORTER,
Superintendent.
Appointed April 20, 1889; resigned July 31, 1893.

CARROLL D. WRIGHT,
Commissioner of Labor in charge.
Appointed October 5, 1893.

REPORT

ON

MANUFACTURING INDUSTRIES

IN

THE UNITED STATES

AT THE

ELEVENTH CENSUS: 1890.

PART I.

TOTALS FOR STATES AND INDUSTRIES.

WASHINGTON, D. C.:
GOVERNMENT PRINTING OFFICE.
1895.

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LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
CENSUS OFFICE,
WASHINGTON, D. C., December 12, 1894.

SIR:

I have the honor to transmit herewith the Report on Manufactures, Part I, consisting of totals for all classes of mechanical and manufacturing industries in the United States, with special statistics for selected industries. The compilation of these statistics was commenced by Mr. F. R. Williams, special agent, and Mr. George S. Boudinot, chief of the division of manufactures. Mr. Boudinot severed his connection with the work October 8, 1891, and Mr. Williams, October 4, 1893. The tabulations and the preparation of the text were conducted by Mr. William M. Steuart, chief of division.

I am, very respectfully, your obedient servant,

CARROLL D. WRIGHT,
Commissioner of Labor in charge.

Hon. HOKE SMITH,
Secretary of the Interior.

INTRODUCTION.

This volume presents the statistics of the manufacturing and mechanical industries of the United States according to the census of 1890. The statistics are shown by totals for the United States, for the respective states and territories, and for specified industries, and are compared with similar statistics published at previous censuses. With the exception of mining and quarrying, which are shown in the report on "Mineral Industries", the tables include every establishment of manufacturing and mechanical industry returned at the Eleventh Census as having a product valued at $500 or more, during the census year ending May 31, 1890. So far as practicable, the operations of each establishment have been credited to the locality in which the works were situated. When two or more establishments owned by the same corporation, firm, or individual are located in the same county or city and engaged in the same industry they have been tabulated and counted as one establishment.

Enumerators appointed under the provisions of the act of Congress approved March 1, 1889, providing for taking the Eleventh Census, were charged with the duty of personally visiting every establishment of productive industry in their respective districts (with certain exceptions hereafter noted), to obtain a distinct report from each establishment while engaged in the work of enumerating the population and the products of agriculture. The law required this work to be completed in 30 days.

By virtue of the authority conferred by section 18 of the same act, the collection of statistics of productive industry in 1,042 cities was withdrawn from the enumerators and assigned to special agents, who entered upon duty as soon as practicable after the completion of the count of the people.

The instructions issued by this office to enumerators and special agents with respect to the collection of statistics of manufactures were in part as follows:

> It shall be their duty to visit personally every establishment of productive industry in their respective districts (except as noted) and to obtain the required information in the case of each manufacturing establishment.
>
> The term "establishment of productive industry" must be understood in its broadest sense to embrace not only mills and factories but also the operations of all small establishments and the mechanical trades.
>
> Restaurants, saloons, barber shops, the compounding of individual prescriptions by druggists and apothecaries, the operation of mercantile establishments, transportation corporations and lines, and professional services (except mechanical dentistry) are not considered as coming within the meaning of the law in this connection.
>
> Great care must be taken by special agents and enumerators to guard against the omission from their returns of any establishment that comes properly within the scope of this investigation. They should have their eyes open to every indication of the presence of productive industry, and should supplement personal observation by frequent and persistent inquiry.

A large number of returns were received from dentists. These returns purported to represent only the mechanical work, but it was evident that in many cases operative dentistry had been included. This fact, combined with the strenuous objection on the part of the profession to give any information whatever of the character required by the census schedule, on the ground that the census law did not seek to secure returns for professional services, caused the office to discontinue its efforts to obtain returns for the mechanical work. The statistics published are those which were secured prior to the objection referred to.

It was found impracticable to make a complete canvass of the United States for the collection of statistics pertaining to the generation of electricity for lighting and power purposes. The data concerning this industry, therefore, are confined to the state of New York, the city of St. Louis, Mo., and the District of Columbia.

In some cases the office experienced difficulty in securing complete returns, and it was found necessary to close the canvass without obtaining such returns from some establishments. The establishments referred to, with but few exceptions, are unimportant, and their omission from the tables can have but slight effect on the totals. In cases where the totals show a decrease when compared with the reports of the Tenth Census a special investigation, when practicable, was made to verify the accuracy of the canvass. In the rural districts, where the canvass was conducted by the general enumerators, such a verification was impossible. The law required the work of the enumerators to be completed within 30 days. Under these circumstances the canvass of the cities was more thorough than that of the rural districts, and the apparent decrease in some industries and in some states is due, in part at least, to the less efficient canvass by the general enumerators. The defective canvass of the enumerators is more apparent in the totals for the states in which there are comparatively few large cities, such as Nevada, or for industries conducted largely by establishments located in the rural districts, of which "Leather, tanned and curried" is an example.

COMPARISONS.

In comparing the industrial statistics of 1890 with those published at previous censuses, it should be remembered that changes have been made in both the form and the scope of the inquiry adopted at the Eleventh Census as compared with inquiries used at prior censuses.

The great increase shown in the statistics for industries known as "hand trades" is largely due to the fact that no previous census has obtained so complete a report regarding such industries as masonry, carpentering, blacksmithing, cooperage, painting, plumbing, and similar trades using machinery to a limited extent.

The census inquiry of 1880 omitted the following industries: bottling; cars and general shop construction and repairs by steam railroad companies; china, decorating; clothing, women's, dressmaking; coffins and burial cases, trimming and finishing; cotton, cleaning and rehandling; cotton, ginning; cotton waste; drug grinding; druggists' preparations, not including prescriptions; gas, illuminating and heating; hay and straw, baling; millinery, custom work. Petroleum, refining, formed part of a separate report for the census of 1880, and the statistics were not included in the report on manufactures. For the census of 1880 "Mixed textiles" appeared as a distinct classification, but the data were largely duplicated under other heads of textile manufacture. The inclusion of the above industries at the Eleventh Census renders it impracticable to use the total for 1890 as a basis of comparison with the totals reported at previous censuses.

The values reported in 1870 were expressed in a currency which was at a great discount for gold. The average premium on gold during the 12 months ending May 31, 1870, which constituted the census year, was about one-fourth (25.3 per cent). A premium on gold of one-fourth is equal to a discount on currency of one-fifth. For purposes of comparison, therefore, the values of 1870 should be reduced in that ratio.

The individual returns were classified at the census of 1890 according to the product of chief value, and some of the differences which will appear upon comparison of the data with corresponding classes reported at the census of 1880 are due to changes in classification. For instance, an establishment engaged in the manufacture of "Iron and steel" in 1880 was classified as "Iron and steel", irrespective of the character of the finished product. If such an establishment in 1890 manufactured nails as a finished product of chief value it was assigned to the class of "Iron and steel, nails and spikes, cut and wrought, including wire nails", in the general tables (in Part I), and would also be included in the totals for "Iron and steel manufactures", shown in the special report (in Part III).

In 1880 the total value of products for "Iron nails and spikes, cut and wrought", was $5,629,240, but in the special report on "Iron and Steel" the value of cut nails alone is given as $16,295,300. The $5,629,240, therefore, can not be considered as representing the value of product for the nail industry during the census year of 1880. In 1890 the total value of product, $34,227,517, shown for the same industry reported under the class of "Iron and steel, nails and spikes, cut and wrought, including wire nails", includes the establishments shown in the special report on "Iron and Steel Manufacture" (Part III), as manufacturing nails, provided nails constituted the product of chief value.

The classifications of industries in 1880 and 1890 were not identical, some classes shown in 1880 were subdivided, some consolidated, and the phraseology of others was changed in 1890. In order to compare similar industries reported at the two censuses, the necessary changes and combinations, when possible, have been made in the classifications and figures for the different censuses shown in Tables 1 and 2.

Great care has been exercised in assigning the individual returns to the different classes, and copious cross references are made in the case of those general classes whose minor products are common to each other. When different branches of the same industry follow immediately in alphabetical order, the cross references have been omitted.

While there may appear a given number of establishments in a certain industry, it does not follow that the articles covered by that class are not manufactured by establishments included in other classes. The making of shirts, for instance, is shown as a separate branch of industry; but some establishments classed as "Furnishing goods, men's", and "Clothing, men's", also make shirts. Some of the establishments classed as "Shirts" also manufacture articles classed as "Furnishing goods, men's". Therefore the figures given under the classification of "Shirts" can not be considered as representing all the shirts made in manufacturing establishments during the year, nor should they be considered as representing establishments that manufacture only shirts.

The classification "Iron and steel" must not be considered as representing all of the establishments engaged in manufacturing iron and steel. Some establishments that manufacture iron and steel continue the manipulation of the metal until more highly finished products, such as wire nails and spikes, bolts, nuts, and rivets, are produced. The returns for such establishments are classified according to their finished products, some of them being assigned to the class "Iron and steel, nails and spikes, cut and wrought, including wire nails", others to "Wire", while others may be assigned to "Cotton ties". In the special report on "Iron and Steel Manufacture", all establishments that were engaged in the production of iron and steel, such as blast furnaces, rolling mills, steel works, iron-ore forges, and pig and scrap iron bloomeries, irrespective of the character of their finished products, are combined and presented as a total for the manufacture of iron and steel. Therefore the totals given in the special report (Part III) will not agree with the totals for "Iron and steel" shown in the general tables (Part I).

The totals for "Chemicals and allied products" given in the special report (in Part III) will not agree with the totals for "Chemicals" in the general tables (in Part I), because the special report includes establishments shown in the general tables under the classes of "Dyestuffs and extracts", "Fertilizers", "Gunpowder", "High explosives", "Paints", and "Varnish".

Apparent discrepancies will also appear in comparing the amounts for the different items of some of the industries shown in Part III with the amounts given for apparently the same items in the general tables (in Part I). This is due to the fact that the reports in Part III present the statistics in a detailed form characteristic of the industry treated, but in order to show totals for the same items for all industries it is necessary to make combinations of a different character from those adopted in the special reports.

In the special report on "Forest Industries" (in Part III), the total for "Live assets" in "Lumber mills and saw mills" is given as $172,260,253. In the general tables (in Part I) the live assets for the same establishments under the classification of "Lumber and other mill products from logs or bolts" is given as $202,014,080, the total in the general tables exceeding that in the special report by $29,753,827. This is due to the fact that in the special report the capital invested in "Logging" and that invested in "Mill plant" are shown separately. Two of the classes of investment assigned to "Logging", namely, "Forest products not delivered at mill" and "All other capital invested in logging", amounting to $29,753,827, should be considered as live assets when presenting the total capital in the form of presentation adopted for the general tables. A similar discrepancy appears for the cost of materials shown for this industry in the two sets of tables, the cost of materials in the general tables exceeding that in the special report by $45,103,964. In the special report this amount is shown as paid for the keep of animals and wages for employés engaged in logging, these expenses forming a part of the cost of materials as delivered at the mill.

There are 369 classes of industry shown in the general tables. The contributions of the respective states and territories to the grand total for each industry are given in Table 5. In considering these tables it must be remembered that the classes of industry only characterize the principal products of the establishments reporting; also that only the products of distinct establishments are included. "Bread and other bakery products", for instance, is reported for 45 states and territories, but it does not follow that bread is not also made in the remaining 6 states and territories, in private families, hotels, and restaurants, only that it is not made in distinct establishments, such as bakeries. The ginning of cotton is reported by 1,637 establishments, located in 13 states. These establishments, however, are only the public ginneries, and do not include private gins operated for the benefit of single plantations. It also frequently happens that cotton is ginned by a grist or lumber mill, and if in such cases the product of the grist or lumber mill exceeds in value that of the gin, the report is assigned to one of the classes of the lumber industry or to "Flouring and grist mill products".

The territorial diffusion of the establishments engaged in each of the different classes of industry is shown by Table 5. The greater diffusion appears for industries that may be classed as neighborhood industries, such as "Blacksmithing and wheelwrighting", which appears in 49 states and territories; "Clothing, men's, custom work", in 46; "Clothing, women's, dressmaking", in 45; "Furniture, cabinetmaking, repairing and upholstering", in 48, and "Printing and publishing, book and job", in 42.

The industry reporting the largest value of product is "Flouring and grist mill products", for which the product amounts to $513,971,474, and the industry appears in 48 states and territories. There are 40 classes of industry reported in 1890 for which the product exceeds $60,000,000. The aggregate product for these industries amounts to $6,500,155,538, or 69.35 per cent of the total product for the United States. The distribution of the establishments engaged in 10 of the principal industries according to value of product, and the contribution of the product of the 5 leading states in each industry to the total product of the industry, is shown by the following statement:

NUMBER OF ESTABLISHMENTS, VALUE OF PRODUCT, AND NUMBER OF STATES FOR WHICH 10 SELECTED INDUSTRIES ARE REPORTED, WITH PERCENTAGE THAT PRODUCT SHOWN FOR 5 PRINCIPAL STATES IN EACH INDUSTRY IS OF THE TOTAL PRODUCT FOR THE INDUSTRY: 1890.

INDUSTRIES.	Number of establishments reporting.	Value of product.	Number of states in which reported.	Percentage that product for 5 states that report largest product is of total product for the industry.
Boots and shoes, factory product	2,082	$220,649,358	34	78.28
Carpentering	16,917	281,195,162	46	52.50
Clothing, men's, factory product	4,867	251,019,609	33	79.31
Cotton goods	905	267,981,724	29	68.40
Flouring and grist mill products	18,470	513,971,474	49	44.68
Foundry and machine shop products	6,475	412,701,872	46	63.26
Iron and steel	645	430,954,348	29	86.17
Lumber and other mill products from logs or bolts	21,011	403,667,575	49	48.15
Masonry, brick and stone	5,969	190,704,818	43	53.14
Slaughtering and meat packing, wholesale	611	433,252,315	30	74.67

Table 1, presenting totals for the different states and territories for 1850, 1860, 1870, 1880, and 1890, and Table 2, showing totals for specified industries as reported in 1880 and in 1890, are the only general tables in this report in which the statistics for 1890 are placed in comparison with those published at previous censuses. In considering the totals presented in these tables, the differences in the scope of the inquiry previously referred to, and also the changes in the form of the questions respecting capital, employés and wages, materials, and product, referred to in the following pages, should be borne in mind. These two tables can only be accepted as presenting the totals for all classes of manufacturing and mechanical industries as reported at the different censuses. The increase during the different decades is more accurately indicated by the following summary, which shows the totals for 1850, 1860, 1870, 1880, and 1890, with the percentage of increase for the different items during each period of 10 years. In this statement the values for 1870 have been reduced to a gold basis; the figures for 1880 have been modified by the inclusion of petroleum refining and the elimination of certain data duplicated under the head of "Mixed textiles", while the industries enumerated in 1890 but omitted in 1880 have been excluded from the totals for 1890.

STATISTICS OF MANUFACTURES, WITH PERCENTAGES OF INCREASE: 1850 TO 1890.

ITEMS.	1850	1860	Percentage of increase in the decade.	1870	Percentage of increase in the decade.	1880	Percentage of increase in the decade.	1890	Percentage of increase in the decade.
Number of establishments reporting	123,025	140,433	14.15	252,148	79.55	253,502	0.54	322,638	27.27
Capital	$533,245,351	$1,009,855,715	89.38	$1,694,567,015	67.80	$2,780,766,895	64.10	$6,139,397,785	120.78
Miscellaneous expenses								[a]$615,337,620	
Average number of employés (aggregate)	957,059	1,311,246	37.01	2,053,996	56.64	2,700,732	31.49	[b]4,476,884	65.77
Total wages	$236,755,464	$378,878,966	60.03	$620,467,474	63.76	$939,462,252	51.41	[b]$2,171,750,183	131.17
Cost of materials used	$555,123,822	$1,031,605,092	85.83	$1,990,741,794	92.98	$3,395,925,123	70.59	$5,021,453,326	47.87
Value of products	$1,019,106,616	$1,885,861,676	85.05	$3,385,860,354	79.54	$5,349,191,458	57.99	$9,056,764,996	69.31

[a] Not reported prior to 1890.

[b] Includes 461,009 officers, firm members, and clerks, and their wages, amounting to $381,988,208. These classes of employés were not reported separately at prior censuses.

The percentages of increase in each decade for the items presented in the above statement, also for the net value of product, that is, the value of product after deducting the cost of materials used, are summarized in the following statement, the data on which the computations for 1870, 1880, and 1890, shown in this statement, are based having been modified in the same manner as in the preceding statement:

PERCENTAGES OF INCREASE IN MANUFACTURES: 1850 TO 1890.

PERIODS.	Number of establishments reporting.	Capital.	Average number of employes.	Total wages.	Cost of materials used.	Gross value of product.	Net value of product.
1850 to 1860	14.15	89.38	37.01	60.03	85.83	85.05	84.11
1860 to 1870	79.55	67.80	56.64	63.76	92.98	79.54	63.31
1870 to 1880	0.54	64.10	31.49	51.41	70.59	57.99	40.01
1880 to 1890	27.27	120.78	65.77	131.17	47.87	69.31	106.59
1850 to 1870	104.98	217.78	114.62	162.07	258.61	232.24	200.68
1850 to 1880	106.08	421.48	182.19	296.81	511.74	424.89	320.98
1850 to 1890	162.25	1,051.33	367.78	817.30	804.56	788.70	769.71
1860 to 1880	80.51	175.36	105.97	147.96	229.19	183.65	128.65
1860 to 1890	129.75	507.95	241.42	473.20	386.76	380.25	372.38
1870 to 1890	27.96	262.30	117.96	250.02	152.24	167.49	189.25

The large percentage of increase for 1890 over 1880 shown in the preceding statements, especially in the item of wages, is probably due in part to the change in the form of inquiry, to which reference is made in the remarks on employés and wages.

The absolute and the relative growth of the manufacturing industries in the different states and territories are indicated by the statement following. This statement shows the rank of each state and territory from 1850 to 1890, inclusive, in gross value and in net value of products (the net value is the value of products less the cost of materials), average number of employés, and total wages. The totals are as published for the different censuses. The values for 1870 have not been reduced here to a gold basis, nor have the figures for 1880 and 1890 been modified, as in preceding statements.

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Part I).

STATES AND TERRITORIES RANKED ACCORDING TO GROSS VALUE AND NET VALUE OF PRODUCTS, AVERAGE NUMBER OF EMPLOYÉS, AND TOTAL WAGES: 1850 TO 1890.

STATES AND TERRITORIES.	Year.	GROSS VALUE OF PRODUCTS.		NET VALUE OF PRODUCTS.		AVERAGE NUMBER OF EMPLOYÉS.		TOTAL WAGES.	
		Rank.	Value.	Rank.	Value.	Rank.	Number.	Rank.	Amount.
Alabama	1850	26	$4,528,876	25	$2,303,916	24	4,936	25	$1,105,824
	1860	25	10,588,566	25	5,098,663	24	7,889	24	2,132,940
	1870	29	13,040,644	30	5,447,807	28	8,248	29	2,227,968
	1880	32	13,565,504	33	5,019,984	31	10,019	32	2,500,504
	1890	27	51,226,605	27	22,794,324	25	33,821	28	12,076,029
Alaska	1890	51	58,440	51	28,242	51	86	51	22,173
Arizona	1870	46	185,410	46	75,320	47	84	46	45,580
	1880	47	618,365	47	238,342	47	220	47	111,180
	1890	48	947,547	48	593,738	48	528	47	358,127
Arkansas	1850	33	537,908	33	322,119	32	842	33	159,876
	1860	34	2,880,578	32	1,600,075	33	1,877	35	554,240
	1870	38	4,629,234	38	2,092,236	34	3,206	38	673,963
	1880	37	6,756,159	38	2,364,079	37	4,557	38	925,358
	1890	37	22,659,179	37	10,261,918	37	15,972	38	5,749,888
California	1850	16	12,862,522	8	11,661,368	25	3,964	15	3,717,180
	1860	7	68,253,228	5	41,201,554	7	49,226	4	28,402,287
	1870	16	66,594,556	13	31,243,363	19	25,392	15	13,136,722
	1880	12	116,218,973	12	43,611,264	16	43,693	12	21,065,905
	1890	12	213,403,996	12	93,160,313	14	83,642	12	51,538,780
Colorado	1870	39	2,852,820	40	1,259,540	41	876	40	528,221
	1880	31	14,260,159	32	5,453,397	35	5,074	33	2,314,427
	1890	28	42,480,205	30	21,631,689	36	17,067	30	12,285,734
Connecticut	1850	5	47,114,585	5	23,505,614	5	50,731	5	12,435,084
	1860	5	81,924,555	6	41,015,465	5	64,469	6	19,026,196
	1870	8	161,065,474	7	74,645,895	5	89,523	5	38,987,187
	1880	7	185,697,211	7	83,513,870	7	112,915	7	43,501,518
	1890	10	248,336,364	8	125,153,284	8	149,939	8	75,990,606
Dakota (*a*)	1870	47	178,570	47	72,573	46	91	47	21,106
	1880	41	2,373,970	42	850,209	41	868	42	339,375
	1890								
Delaware	1850	25	4,649,296	26	1,784,689	26	3,888	26	936,924
	1860	26	9,832,902	26	3,863,984	26	6,421	26	1,905,754
	1870	27	16,791,382	26	6,584,985	27	9,710	26	3,692,195
	1880	28	20,514,438	28	7,685,977	27	12,638	26	4,267,349
	1890	35	37,571,818	34	16,410,096	33	21,906	33	9,892,387
District of Columbia	1850	29	2,690,258	29	1,284,387	28	2,570	28	757,584
	1860	30	5,412,102	31	2,527,917	30	3,148	30	1,139,154
	1870	33	9,292,173	32	4,537,290	33	4,685	31	2,007,600
	1880	34	11,882,316	31	6,516,916	32	7,146	28	3,924,612
	1890	32	39,331,437	28	22,136,771	31	23,404	25	14,622,264
Florida	1850	32	668,335	32	447,724	31	991	32	199,452
	1860	35	2,447,969	33	1,573,463	31	2,454	34	619,840
	1870	37	4,685,403	37	2,354,530	37	2,749	37	989,592
	1880	38	5,546,448	37	2,506,329	34	5,504	36	1,270,875
	1890	39	18,222,890	38	10,201,036	39	13,927	37	6,513,068
Georgia	1850	22	7,082,075	24	3,677,158	20	8,368	23	1,709,664
	1860	20	16,925,564	22	6,939,032	21	11,575	22	2,925,148
	1870	22	31,196,115	22	12,612,384	23	17,871	22	4,844,508
	1880	22	36,440,948	23	12,297,009	20	24,875	21	5,266,152
	1890	25	68,917,020	22	33,142,540	21	56,383	22	17,312,196
Idaho	1850								
	1860								
	1870	44	1,047,624	45	355,839	45	265	45	112,372
	1880	45	1,271,317	44	426,443	46	388	46	136,326
	1890	46	1,396,096	46	757,423	46	774	48	324,202
Illinois	1850	15	16,534,272	16	7,574,945	17	11,559	16	3,204,336
	1860	8	57,580,886	8	22,022,104	14	22,968	12	7,637,921
	1870	6	205,620,672	6	78,020,595	6	82,979	7	31,100,244
	1880	4	414,864,673	5	125,020,766	5	144,727	5	57,429,085
	1890	3	908,640,280	4	379,621,191	5	312,198	4	171,523,579
Indiana	1850	14	18,725,423	15	8,355,723	15	14,440	14	3,728,844
	1860	10	42,803,469	15	15,660,872	15	21,295	16	6,318,335
	1870	11	108,617,278	10	45,481,786	10	58,852	11	18,366,780
	1880	10	148,006,411	10	47,743,494	10	69,508	10	21,960,888
	1890	11	226,825,082	11	96,705,976	11	124,349	11	51,749,976
Indian territory	1890	49	248,932	50	121,068	50	175	49	79,830
Iowa	1850	27	3,551,783	30	1,194,902	29	1,707	29	473,016
	1860	24	13,971,325	24	5,359,066	27	6,307	25	1,922,417
	1870	18	46,534,322	18	18,852,226	20	25,032	18	6,893,292
	1880	19	71,045,926	18	22,341,615	19	28,372	18	9,725,962
	1890	17	125,049,183	17	45,756,776	20	59,174	18	25,878,997
Kansas	1860	31	4,357,408	30	2,912,433	34	1,735	31	880,346
	1870	30	11,775,833	28	5,663,670	31	6,844	28	2,377,511
	1880	24	30,843,777	25	9,390,636	30	12,062	27	3,995,010
	1890	18	119,219,805	24	31,374,638	26	32,843	24	16,328,485
Kentucky	1850	13	21,710,212	13	9,545,137	11	21,476	11	5,106,048
	1860	15	37,931,240	16	15,635,481	16	21,258	17	6,020,082
	1870	17	54,625,809	17	25,128,274	16	30,636	17	9,444,524
	1880	17	75,483,377	17	28,021,487	18	37,391	17	11,657,844
	1890	16	126,710,857	16	63,042,274	17	65,579	16	27,761,746

a See North and South Dakota.

STATES AND TERRITORIES RANKED ACCORDING TO GROSS VALUE AND NET VALUE OF PRODUCTS, AVERAGE NUMBER OF EMPLOYÉS, AND TOTAL WAGES: 1850 TO 1890—Continued.

STATES AND TERRITORIES.	Year.	GROSS VALUE OF PRODUCTS.		NET VALUE OF PRODUCTS.		AVERAGE NUMBER OF EMPLOYÉS.		TOTAL WAGES.	
		Rank.	Value.	Rank.	Value.	Rank.	Number.	Rank.	Amount.
Louisiana	1850	24	$6,779,417	21	$4,319,909	22	6,217	21	$2,033,928
	1860	22	15,587,473	19	8,848,987	23	8,789	19	3,683,679
	1870	23	24,161,905	23	11,749,882	17	30,071	23	4,593,470
	1880	25	24,205,183	24	9,762,677	28	12,167	24	4,360,371
	1890	26	57,806,713	26	24,523,989	27	31,901	26	13,159,564
Maine	1850	9	24,661,057	11	11,107,913	9	28,626	7	7,485,588
	1860	14	38,193,254	13	16,640,188	9	34,619	10	8,368,691
	1870	12	79,497,521	14	30,117,764	12	49,180	12	14,282,205
	1880	15	79,829,793	16	28,709,085	14	52,954	16	13,623,318
	1890	19	95,689,500	18	44,168,911	16	75,780	17	26,526,217
Maryland	1850	7	33,043,892	7	15,353,056	7	30,212	8	7,403,832
	1860	12	41,735,157	14	16,241,150	12	28,403	13	7,190,672
	1870	14	76,593,613	15	29,696,581	13	44,860	16	12,682,817
	1880	13	106,789,563	14	39,842,717	9	74,945	13	18,904,965
	1890	14	171,842,593	13	79,783,203	12	107,054	13	41,526,832
Massachusetts	1850	2	157,743,994	2	71,887,223	2	177,461	2	41,954,736
	1860	3	255,545,922	3	120,492,201	3	217,421	3	56,960,913
	1870	3	553,912,568	3	219,498,586	3	279,380	3	118,051,886
	1880	3	631,135,284	3	244,162,620	3	352,255	3	128,315,362
	1890	4	888,160,403	3	414,960,969	3	485,182	3	239,670,509
Michigan	1850	17	11,169,902	17	5,032,674	18	9,344	17	2,717,124
	1860	17	32,658,356	17	15,022,745	13	23,190	14	6,735,047
	1870	9	118,394,676	9	50,252,161	9	63,694	9	21,205,355
	1880	9	150,715,025	8	57,814,756	8	77,591	8	25,313,682
	1890	8	277,896,706	9	123,374,788	7	163,941	9	66,347,798
Minnesota	1850	36	58,300	35	34,600	35	63	35	18,540
	1860	32	3,373,172	35	1,469,102	32	2,123	32	712,214
	1870	25	23,110,700	25	9,267,798	26	11,290	25	4,052,837
	1880	16	76,065,198	19	20,404,517	22	21,247	19	8,613,094
	1890	13	192,033,478	14	73,551,537	15	79,629	14	38,189,239
Mississippi	1850	28	2,912,068	27	1,636,297	27	3,154	27	771,528
	1860	28	6,590,687	27	3,444,051	28	4,775	27	1,618,320
	1870	34	8,154,758	34	3,790,552	32	5,941	33	1,547,428
	1880	36	7,518,302	36	2,851,119	33	5,827	37	1,192,645
	1890	38	18,705,834	39	8,640,937	38	15,817	39	4,913,863
Missouri	1850	10	24,324,418	9	11,526,067	13	15,808	13	4,692,648
	1860	11	41,782,731	11	17,932,790	17	19,681	15	6,669,916
	1870	5	206,213,429	5	90,680,166	8	65,354	8	31,055,445
	1880	8	165,386,205	9	54,587,813	11	63,995	9	24,369,716
	1890	7	324,561,993	7	146,979,611	9	143,139	7	76,417,364
Montana	1870	41	2,494,511	41	1,178,180	42	701	42	370,843
	1880	43	1,835,867	43	829,425	42	578	43	318,759
	1890	42	5,507,573	41	3,132,480	41	2,696	41	1,948,213
Nebraska	1860	30	607,328	39	370,113	30	336	39	105,332
	1870	36	5,738,512	36	2,836,438	38	2,665	35	1,429,913
	1880	33	12,627,336	34	4,418,858	36	4,793	34	1,742,311
	1890	20	93,037,794	25	25,703,262	30	23,876	27	12,984,571
Nevada	1870	28	15,870,539	29	5,554,555	36	2,859	27	2,498,473
	1880	42	2,179,626	41	1,129,832	43	577	41	461,807
	1890	47	1,105,063	47	666,005	47	620	46	445,503
New Hampshire	1850	11	23,164,503	12	10,419,037	10	27,692	9	6,123,876
	1860	16	37,586,453	12	17,046,596	11	32,340	11	8,110,561
	1870	15	71,038,249	16	26,460,282	15	40,783	13	13,823,091
	1880	18	73,978,028	15	30,425,566	15	48,831	15	14,814,793
	1890	22	85,770,549	20	38,016,397	18	63,361	19	24,248,054
New Jersey	1850	6	39,851,256	6	17,839,385	6	37,830	6	9,364,740
	1860	6	76,306,194	7	34,877,004	6	56,027	7	16,277,337
	1870	7	169,237,732	8	65,822,487	7	75,552	6	32,648,409
	1880	6	254,380,236	6	89,094,457	6	126,038	6	46,083,045
	1890	6	351,573,571	6	165,207,831	6	187,398	6	96,778,736
New Mexico	1850	35	249,010	34	138,790	34	81	34	20,772
	1860	37	1,249,123	37	881,231	35	1,074	37	341,366
	1870	43	1,489,868	43	608,911	44	427	44	167,281
	1880	44	1,284,846	45	413,494	44	557	44	218,731
	1890	45	1,516,195	45	824,775	45	944	45	532,727
New York	1850	1	237,597,249	1	102,941,575	1	199,349	1	49,131,600
	1860	1	378,870,939	1	164,057,878	1	230,112	1	65,446,759
	1870	1	785,194,651	1	333,129,190	1	351,800	1	142,466,758
	1880	1	1,080,690,596	1	401,084,651	1	531,533	1	198,634,029
	1890	1	1,711,577,671	1	840,313,586	1	850,084	1	466,846,642
North Carolina	1850	20	9,111,050	19	4,508,549	14	14,661	18	2,383,456
	1860	21	16,678,698	23	6,475,470	19	14,217	23	2,689,441
	1870	26	19,021,327	27	6,196,634	24	13,622	30	2,195,711
	1880	29	20,095,037	29	7,004,100	23	18,169	31	2,740,768
	1890	31	40,375,450	33	17,586,263	24	36,214	35	7,830,536
North Dakota (a)	1890	43	5,028,107	43	1,940,946	43	1,847	43	1,002,881
Ohio	1850	4	62,692,279	4	28,614,260	4	51,401	4	13,467,156
	1860	4	121,691,148	4	51,890,878	4	75,602	5	22,302,989
	1870	4	269,713,610	4	112,581,913	4	137,202	4	49,060,488
	1880	5	348,298,390	4	132,964,132	4	183,609	4	62,103,800
	1890	5	641,688,064	5	300,671,600	4	331,548	5	158,768,883
Oklahoma (b)	1890	50	180,445	49	123,927	49	195	50	71,910

a See Dakota.

b Part of Indian territory at previous censuses.

STATES AND TERRITORIES RANKED ACCORDING TO GROSS VALUE AND NET VALUE OF PRODUCTS, AVERAGE NUMBER OF EMPLOYÉS, AND TOTAL WAGES: 1850 TO 1890—Continued.

STATES AND TERRITORIES.	Year.	GROSS VALUE OF PRODUCTS.		NET VALUE OF PRODUCTS.		AVERAGE NUMBER OF EMPLOYÉS.		TOTAL WAGES.	
		Rank.	Value.	Rank.	Value.	Rank.	Number.	Rank.	Amount.
Oregon	1850	30	$2,236,640	28	$1,427,080	33	285	30	$388,620
	1860	33	2,976,761	34	1,544,809	36	978	33	635,256
	1870	35	6,877,387	35	3,457,631	35	2,884	36	1,120,173
	1880	35	10,931,232	35	3,976,796	38	3,473	35	1,667,046
	1890	30	41,432,174	31	19,638,596	35	18,798	31	11,535,229
Pennsylvania	1850	3	155,044,910	3	67,838,533	3	146,766	3	37,163,232
	1860	2	290,121,188	2	136,643,490	2	222,132	2	60,369,165
	1870	2	711,894,344	2	290,696,671	2	319,487	2	127,976,594
	1880	2	744,818,445	2	279,797,882	2	387,072	2	134,055,904
	1890	2	1,331,794,901	2	558,060,264	2	620,562	2	305,591,003
Rhode Island	1850	12	22,117,688	14	8,930,985	12	20,967	12	5,047,080
	1860	13	40,711,296	9	20,852,781	10	32,490	8	8,760,125
	1870	10	111,418,354	11	38,264,245	11	49,417	10	19,354,256
	1880	14	104,163,621	11	46,060,178	12	62,878	11	21,355,619
	1890	15	142,500,625	15	66,247,602	13	85,976	15	37,927,921
South Carolina	1850	23	7,045,477	22	4,257,943	21	7,066	24	1,127,712
	1860	27	8,615,195	28	3,416,314	25	6,994	28	1,380,027
	1870	32	9,858,981	33	4,003,245	29	8,141	34	1,543,715
	1880	30	16,738,008	30	6,852,470	25	15,828	30	2,836,289
	1890	36	31,926,681	36	13,053,015	29	24,662	36	6,590,983
South Dakota (*a*)	1890	41	5,682,748	42	2,158,908	42	2,422	42	1,098,418
Tennessee	1850	18	9,725,608	18	4,558,722	16	12,039	19	2,247,492
	1860	19	17,987,225	20	8,570,711	20	12,528	20	3,370,687
	1870	20	34,362,636	20	14,705,609	21	19,412	20	5,396,630
	1880	21	37,074,886	21	13,240,624	21	22,445	22	5,254,775
	1890	23	72,355,286	23	31,891,504	22	42,759	23	16,899,351
Texas	1850	31	1,168,538	31	773,896	30	1,066	31	322,368
	1860	29	6,577,202	29	3,209,839	29	3,449	29	1,162,756
	1870	31	11,517,302	31	5,244,109	30	7,927	32	1,787,835
	1880	27	20,719,928	27	7,763,659	29	12,159	29	3,343,087
	1890	24	70,433,551	21	34,281,243	23	39,475	21	18,586,338
Utah	1850	34	291,220	.....	(*b*)	36	51	36	9,984
	1860	38	900,153	38	460,641	38	389	38	231,701
	1870	42	2,343,019	42	1,104,767	39	1,534	41	395,365
	1880	39	4,324,992	39	1,763,255	39	2,495	39	858,863
	1890	40	8,911,047	40	4,659,017	40	4,980	40	2,715,805
Vermont	1850	21	8,570,920	20	4,398,368	19	8,445	20	2,202,348
	1860	23	14,637,807	21	7,028,949	22	10,497	21	3,004,986
	1870	21	32,184,606	19	15,176,837	22	18,686	19	6,264,581
	1880	23	31,354,366	22	13,023,689	24	17,540	23	5,164,479
	1890	34	38,340,066	32	17,906,892	28	24,894	32	10,096,549
Virginia	1850	8	29,602,507	10	11,501,376	8	29,110	10	5,434,476
	1860	9	50,652,124	10	19,811,593	8	36,174	9	8,544,117
	1870	19	38,364,322	21	14,531,938	18	26,974	21	5,343,099
	1880	20	51,780,992	20	18,897,059	17	40,184	20	7,425,261
	1890	21	88,363,824	19	38,215,539	19	59,591	20	19,644,850
Washington	1860	36	1,406,921	36	904,900	37	870	36	453,601
	1870	40	2,851,052	39	1,415,924	40	1,026	39	574,936
	1880	40	3,259,134	40	1,282,665	40	1,147	40	532,226
	1890	29	41,768,022	29	21,859,965	34	20,366	29	12,658,614
West Virginia (*c*)	1870	24	24,102,201	24	9,598,500	25	11,672	24	4,322,164
	1880	26	22,867,126	26	8,839,738	26	14,311	25	4,313,965
	1890	33	38,702,125	35	14,973,036	32	21,969	34	8,330,997
Wisconsin	1850	19	9,293,068	23	3,878,137	23	6,089	22	1,712,496
	1860	18	27,849,467	18	10,712,133	18	15,414	18	4,268,708
	1870	13	77,214,326	12	31,363,060	14	43,910	14	13,575,642
	1880	11	128,255,480	13	42,459,302	13	57,109	14	18,814,917
	1890	9	248,546,164	10	103,109,148	10	132,931	10	51,843,708
Wyoming	1870	45	765,424	44	485,268	43	502	43	347,578
	1880	46	898,494	46	297,280	45	391	45	187,798
	1890	44	2,367,601	44	1,283,169	44	1,144	44	878,646

a See Dakota. *b* Cost of materials reported exceeded value of product. *c* Part of Virginia at previous censuses.

The greatest advance in the relative rank both according to gross value and according to net value of products is shown for Minnesota, which has advanced from the thirty-sixth place in gross value and thirty-fifth in net value of products in 1850 to the thirteenth and fourteenth places, respectively, in 1890. The same state also shows the greatest advance in the number of employés and in the amount paid for wages. New York uniformly ranks first in each of the items. Massachusetts, which was second in 1850, fell to the third place in 1860, and to the fourth place in gross value of products in 1890, but continues to hold the third place in the other items. Pennsylvania has held the second place in each of the items since 1860, and Illinois takes the third place in gross value of products in 1890.

At the census of 1880 internal revenue taxes were in many instances included in the cost of materials, while they are reported as miscellaneous expenses in 1890. This has some effect on the changes in the rank of the respective states in net value of products, especially those in which the liquor industries predominate.

In the following statement the general statistics of manufactures for 1890 are shown, with the states and territories arranged by geographical divisions:

STATISTICS OF MANUFACTURES, BY STATES AND TERRITORIES: 1890.

STATES AND TERRITORIES.	Number of establishments reporting.	Capital.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products.
				Number.	Wages.		
The United States	355,415	$6,525,156,486	$631,225,035	4,712,622	$2,283,216,529	$5,162,044,076	$9,372,437,283
North Atlantic division	162,796	3,548,288,553	314,596,731	2,543,176	1,283,676,237	2,626,707,914	4,896,743,650
Maine	5,010	80,419,809	5,394,694	75,780	26,526,217	51,520,589	95,689,500
New Hampshire	3,229	79,375,160	4,363,192	63,361	24,248,054	47,754,152	85,770,549
Vermont	3,031	32,763,291	2,188,826	24,894	10,096,549	20,433,174	38,340,066
Massachusetts	26,923	630,032,341	63,083,782	485,182	239,670,509	473,199,434	888,160,403
Rhode Island	3,377	126,483,401	8,825,407	85,976	37,927,921	76,253,023	142,500,625
Connecticut	6,822	227,004,496	15,399,101	149,939	75,990,606	123,183,080	248,336,364
New York	65,840	1,130,161,195	122,042,219	850,084	466,846,642	871,264,085	1,711,577,671
New Jersey	9,225	250,805,745	18,458,052	187,398	96,778,736	189,365,740	354,573,571
Pennsylvania	39,339	901,243,115	74,841,458	620,562	305,591,003	773,734,637	1,331,794,901
South Atlantic division	30,213	403,856,774	33,711,900	365,110	132,264,113	289,752,369	535,253,868
Delaware	1,003	33,695,400	1,851,575	21,906	9,892,387	21,161,752	37,571,848
Maryland	7,485	119,667,316	10,616,347	107,054	41,526,832	92,059,390	171,842,593
District of Columbia	2,295	28,865,089	1,589,869	23,404	14,622,264	17,194,666	39,331,437
Virginia	5,915	63,456,799	7,421,087	59,591	19,644,850	50,148,285	88,363,824
West Virginia	2,376	28,118,030	1,960,929	21,969	8,330,997	23,729,089	38,702,125
North Carolina	3,667	32,745,995	3,329,101	36,214	7,830,536	22,789,187	40,375,450
South Carolina	2,382	29,276,261	1,792,386	24,662	6,590,983	18,873,666	31,926,681
Georgia	4,285	56,921,580	4,019,539	56,383	17,312,196	35,774,480	68,917,020
Florida	805	11,110,304	1,131,067	13,927	6,513,068	8,021,854	18,222,890
North Central division	121,416	2,027,686,661	230,537,780	1,406,997	672,133,899	1,828,261,023	3,159,209,404
Ohio	28,673	402,793,019	45,062,325	331,548	158,768,883	341,016,464	641,688,064
Indiana	12,354	131,605,366	16,500,903	124,349	51,749,976	130,119,106	226,825,082
Illinois	20,482	502,004,512	79,515,193	312,198	171,523,579	529,019,089	908,640,280
Michigan	12,127	262,412,240	18,348,381	163,941	66,347,798	154,521,918	277,896,706
Wisconsin	10,417	246,515,404	18,602,764	132,031	51,843,708	145,437,016	248,546,164
Minnesota	7,505	127,686,618	12,136,612	78,629	38,189,239	118,481,941	192,033,478
Iowa	7,440	77,513,097	5,732,206	59,174	25,878,997	79,292,407	125,049,183
Missouri	14,052	189,558,546	22,885,565	143,139	76,417,364	177,582,382	324,561,993
North Dakota	382	2,894,553	236,909	1,847	1,002,881	3,687,161	5,028,107
South Dakota	499	3,207,796	268,214	2,422	1,098,418	3,523,840	5,682,748
Nebraska	3,014	37,569,508	5,395,242	23,876	12,984,571	67,334,532	93,037,794
Kansas	4,471	43,926,002	5,853,466	32,843	16,328,485	78,845,167	110,219,805
South Central division	27,025	289,147,291	32,055,882	245,694	99,898,527	224,655,218	420,336,402
Kentucky	7,745	79,811,980	15,879,728	65,579	27,761,746	63,677,583	126,719,857
Tennessee	4,559	51,475,092	4,126,271	42,759	16,899,351	40,463,782	72,355,286
Alabama	2,977	46,122,571	2,797,896	33,821	12,676,029	28,432,281	51,226,605
Mississippi	1,698	14,896,884	827,627	15,817	4,913,863	10,064,897	18,705,834
Louisiana	2,613	34,754,121	3,760,753	31,901	13,159,564	33,282,724	57,806,713
Texas	5,268	46,815,181	3,594,940	39,475	18,586,338	36,152,308	70,433,551
Oklahoma	72	95,519	21,970	195	71,918	56,518	180,445
Arkansas	2,073	14,971,614	1,035,107	15,972	5,749,888	12,397,261	22,659,179
Indian territory	20	204,329	11,590	175	79,830	127,864	248,932
Western division	13,965	256,177,207	20,322,742	151,645	95,243,753	192,667,552	360,893,959
Montana	289	4,293,794	296,684	2,696	1,948,213	2,375,093	5,507,573
Wyoming	190	1,411,184	94,073	1,144	878,646	1,084,432	2,367,601
Colorado	1,518	26,651,840	1,948,025	17,067	12,285,734	20,848,516	42,480,205
New Mexico	127	965,938	76,638	944	532,727	691,420	1,516,195
Arizona	76	616,629	49,231	528	358,127	353,814	947,547
Utah	531	6,583,022	455,968	4,980	2,715,805	4,252,030	8,911,047
Nevada	95	1,211,269	53,869	620	445,503	439,058	1,105,063
Idaho	140	1,048,916	69,586	774	324,202	638,673	1,396,096
Washington	1,543	34,369,735	2,180,557	20,366	12,658,614	19,917,057	41,768,022
Oregon	1,523	32,122,051	2,108,068	18,798	11,535,229	21,793,578	41,432,174
California	7,923	146,797,102	12,984,191	83,642	51,538,780	120,243,683	213,403,996
Alaska	10	105,727	5,252	88	22,173	30,198	58,440

The percentages that the totals for each geographical group are of the total for the United States are shown in the following statement:

PERCENTAGES TOTALS FOR EACH GEOGRAPHICAL DIVISION ARE OF TOTAL MANUFACTURES FOR UNITED STATES: 1890.

GEOGRAPHICAL DIVISIONS.	PERCENTAGES OF TOTAL FOR UNITED STATES.						
	Number of establishments reporting.	Capital.	Miscellaneous expenses.	Average number of employés.	Total wages.	Cost of materials used.	Value of products.
The United States	100.00	100.00	100.00	100.00	100.00	100.00	100.00
North Atlantic	45.81	54.38	49.84	53.96	56.22	50.89	52.25
South Atlantic	8.50	6.19	5.34	7.75	5.79	5.61	5.71
North Central	34.16	31.07	36.52	29.86	29.44	35.42	33.71
South Central	7.60	4.43	5.08	5.21	4.38	4.35	4.48
Western	3.93	3.93	3.22	3.22	4.17	3.73	3.85

In 1850, 8 of the first 10 states according to gross value of product were eastern states, while in 1890 only 5 of the eastern states were found among the first 10, the remaining places having been taken by western states. In 1850 the gross value of products reported for the states in the North and South Atlantic divisions was 79.19 per cent of the total product for the United States. In 1860 they reported 72.16 per cent; in 1870, 68.43 per cent; in 1880, 64.56 per cent, and in 1890, 57.96 per cent. This steady decrease in the proportion of the total product of the United States contributed by the North and South Atlantic divisions indicates the gradual movement of the center of manufactures from east to west. By a rough calculation, based on the gross value of products, the center of manufactures at the several censuses was as follows:

LATITUDE AND LONGITUDE.	1850	1860	1870	1880	1890
Latitude west	40° 41′ 42″	40° 33′ 01″	40° 47′ 13″	40° 50′ 09″	40° 42′ 22″
Longitude north	77 25 09	79 18 50	79 25 58	79 53 00	81 33 37

The center in 1850 was 0.5 mile east, 6 miles north of Mifflintown, Pa.; in 1860, 5.5 miles west, 6.5 miles south of Indiana, Pa.; in 1870, 6 miles east, 3.75 miles south of Kittanning, Pa.; in 1880, 2 miles east, 2 miles south of Butler, Pa.; and in 1890, 8.5 miles west, 7 miles south of Canton, Ohio.

CAPITAL.

The amount of capital reported as invested in the manufacturing and mechanical industries in the United States at the census of 1880 was $2,790,272,606; the value of products being $5,369,579,191, it appeared that each $100 of the value of products required the employment of $51.96 of capital. At the census of 1890, $6,525,156,486 was reported as capital and the value of products as $9,372,437,283, each $100 of products requiring $69.62 of capital.

In commenting on the statistics of capital invested in manufactures at the census of 1880, Hon. Francis A. Walker remarked as follows:

> The statistics of capital invested in manufactures, as obtained by a popular canvass, in which the statements of individual proprietors are necessarily accepted, and indeed are by the law intended to be accepted, are always likely to be partial and defective far beyond the limit of error which pertains to other classes of statistics derived from the manufacturing schedule. The liability to error in this respect inheres in the very nature of the subject and is probably ineradicable. * * *
>
> A host of illustrations might be offered, showing the hopelessness of securing anything like complete and accurate returns of capital invested. Take a single class of difficulties: here are 2 shoe factories in the same town, each employing 200 workmen. In one case the manufacturer owns the building in which his operations are carried on, and reports his capital at $75,000, being the value of his stock and machinery plus the value of the building; the other reports his capital at $25,000, being the value of stock and machinery only. The latter would not, and could not rightfully, report the value of the building as a part of his capital, for it does not belong to him. Yet that building is devoted to manufacturing uses, and any summary of the manufacturing capital of the country which omits consideration of it is in so far defective.

In order to overcome, as far as practicable, the difficulties referred to in the preceding extract, the inquiry used at the Eleventh Census relating to capital contained a series of questions designed to obtain a complete statement for each establishment of all the property or assets used in the business strictly pertaining to manufacturing, whether such property was owned, borrowed, or hired. These questions were as follows:

Capital invested (both owned and borrowed):
- Value of plant (the value should be estimated at what the works would cost in 1890 if then to be erected, with such allowance for depreciation as may be suitable in the individual case).
  - Land ..... $_____
  - Buildings ..... _____
  - Machinery, tools, and implements ..... _____
  - Total ..... $_____

Live capital:
- Raw materials on hand ..... $_____
- Stock in process and finished products on hand ..... _____
- Cash on hand, bills receivable, unsettled ledger accounts and sundries not included in any of the foregoing items ..... _____
- Total ..... $_____

Average annual allowance since June 1, 1880, for depreciation of buildings and machinery (*a*) ..... _____

The inquiry concerning capital used at the Tenth Census was not uniform; it was generally as follows: "Capital (real and personal) invested in the business". In the schedule for some of the principal industries a separate statement was required concerning the value of land and buildings and other form of investment. While the questions of 1880 apparently cover the same ground as the more detailed questions of 1890, it becomes evident upon an inspection of the data obtained at the former census that they are incomplete, and that materials on hand, goods in process of manufacture, and other items were, to some extent, overlooked.

The questions used at the Eleventh Census did not call specifically for the value of hired property, but the amount paid for tenancy was called for and the value of hired property may be estimated upon the basis of the amount reported as paid for rent. The value of hired property is not shown in the general tables (in Part I), but is given for the 165 principal cities, also for selected industries in Parts II and III. The value of hired property in the 165 cities is given as $833,173,008, and for the country exclusive of the cities it is estimated at $323,052,049, making a total of $1,156,225,057. Adding this to the "total capital, direct investment", gives an aggregate capital of $7,681,381,543 for the United States, of which hired property forms 15.05 per cent. Omitting the value of hired property, the average capital per establishment for all classes of manufacturing and mechanical industries at the Eleventh Census was $18,359, as compared with $10,992 at the Tenth Census. Including the value of hired property in 1890, the average capital per establishment is found to be $21,612, and each $100 of product to require, on an average, $81.96 of capital.

Borrowed cash is also included in the capital reported at the census of 1890, but it is impossible to state in which of the different items it is included, as the schedule of inquiry did not require such a statement. The amount can be estimated by a computation based on the amount of interest reported as paid. Considering 5 per cent as the average rate of interest, the figures indicate that cash to the amount of $823,874,916, or 12.63 per cent of the "capital, direct investment", is borrowed, the average amount of borrowed capital for each establishment being $2,318.

In the presentation of capital for all classes of manufactures in the general tables following (Part I), the different items enumerated under "Live capital" have been consolidated, and the total has been shown under the caption of "Live assets". In Table 8, Part I, also in the statistics of cities and reports on selected industries in Parts II and III, the amounts are shown for each of the different items enumerated under "Live capital".

The total capital reported as invested in manufactures in 1880 was $2,790,272,606, an increase of $3,734,883,880, or 133.85 per cent, as compared with $6,525,156,486 in 1890. Excluding from 1890 the capital reported for the industries previously mentioned as not having been reported in 1880, and modifying the figures for 1880 by eliminating the duplications in the data for "Mixed textiles" and including "Petroleum refining", the amount of capital appears to have increased 120.78 per cent, as compared with an increase of 69.31 per cent in the value of product. Neither of these percentages, however, can be accepted as indicating the exact increase in capital. The increase was probably somewhat in excess of that of value of products, allowance being necessary in measuring the relations of the two items for the fall in values. As stated in the reports of the Tenth Census, the full amount of capital was not ascertained, nor was it possible to estimate the amount by which the figures fall short of the true value.

For reasons previously given, the difference between the capital reported at the census of 1880 and that reported in 1890 should not be considered as the exact increase during the decade.

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a The data furnished in the individual reports relating to depreciation of manufacturing plants were not sufficient to form a basis for correct computations and therefore are omitted from this report.

The following statement, however, shows the number of establishments, total capital, average capital per establishment, and the average amount of capital required for a product valued at $100, for 25 selected industries as reported at the censuses of 1880 and 1890:

NUMBER OF ESTABLISHMENTS, TOTAL CAPITAL, AVERAGE CAPITAL PER ESTABLISHMENT, AND AVERAGE AMOUNT OF CAPITAL REQUIRED FOR A PRODUCT VALUED AT $100, IN 25 SELECTED INDUSTRIES: 1880 AND 1890.

INDUSTRIES.	Year.	Number of establishments reporting.	Total capital.	Average capital per establishment.	Average amount of capital required for a product valued at $100.
Agricultural implements	1880	1,943	$62,109,668	$31,966	$90.49
	1890	910	145,313,997	159,686	178.80
Boots and shoes, factory product	1880	1,959	42,994,028	21,947	25.89
	1890	2,082	95,282,311	45,765	43.18
Brick and tile	1880	5,631	27,673,616	4,915	84.28
	1890	5,828	82,578,566	14,169	121.85
Cheese, butter, and condensed milk, factory product (*a*)	1880	3,932	9,604,803	2,443	37.31
	1890	4,712	16,624,163	3,528	26.52
Clothing, men's (*b*)	1880	6,166	79,861,696	12,952	38.11
	1890	18,658	182,552,938	9,784	48.29
Cotton goods	1880	1,005	219,504,794	218,413	104.06
	1890	905	354,020,843	391,183	132.11
Flouring and grist mill products	1880	24,338	177,361,878	7,287	35.11
	1890	18,470	208,473,500	11,287	40.56
Foundry and machine shop products	1880	4,958	154,519,481	31,166	72.08
	1890	6,475	382,798,337	59,119	92.75
Glass	1880	211	19,844,690	94,051	93.81
	1890	294	40,966,850	139,343	99.80
Hosiery and knit goods	1880	359	15,579,591	43,397	53.41
	1890	796	50,607,738	63,578	75.26
Leather, tanned and curried	1880	*c*5,424	67,100,574	12,371	36.33
	1890	1,596	81,261,696	50,916	58.77
Liquors, distilled	1880	844	24,247,595	28,729	59.05
	1890	440	31,006,176	70,469	29.76
Liquors, malt	1880	2,191	91,208,224	41,629	90.25
	1890	1,248	232,471,290	186,275	127.22
Lumber and other mill products from logs or bolts	1880	25,708	181,186,122	7,048	77.67
	1890	21,011	496,339,968	23,623	122.96
Lumber, planing mill products, including sash, doors, and blinds.	1880	2,491	38,070,593	15,283	51.85
	1890	3,670	120,271,440	32,772	65.48
Paper	1880	692	46,241,202	66,823	83.91
	1890	567	82,374,099	145,281	110.85
Shipbuilding	1880	2,188	20,979,874	9,589	57.01
	1890	1,010	53,393,074	52,864	132.35
Shirts	1880	549	6,841,778	12,462	33.99
	1890	869	14,273,611	16,425	42.43
Silk and silk goods	1880	382	19,125,300	50,006	46.61
	1890	472	51,007,537	108,067	58.43
Slaughtering and meat packing (*d*)	1880	872	49,419,213	56,673	16.28
	1890	1,367	118,016,066	86,332	20.90
Sugar and molasses, refining	1880	49	27,432,500	559,847	17.64
	1890	393	24,013,008	61,102	19.50
Tobacco, chewing, smoking, and snuff	1880	477	17,207,401	36,074	32.59
	1890	395	30,841,316	78,079	46.84
Tobacco, cigars and cigarettes	1880	7,145	21,698,549	3,037	33.91
	1890	10,956	59,517,827	5,432	45.89
Woolen goods	1880	1,990	96,095,564	48,289	59.83
	1890	1,311	130,989,940	99,916	98.06
Worsted goods	1880	76	20,374,043	268,080	60.73
	1890	143	68,085,116	476,120	85.97

a In 1890 includes 160 establishments reported as "Cheese and butter, urban dairy product", and 4,552 as "Cheese, butter, and condensed milk, factory product".

b In 1890 includes 13,591 establishments reported as "Clothing, men's, custom work and repairing"; 4,867 as "Clothing, men's, factory product", and 200 as "Clothing, men's, factory product, buttonholes".

c In 1880 an establishment engaged in both tanning and currying leather was counted as 2 distinct establishments.

d In 1890 includes 249 establishments reported as "Sausage"; 611 as "Slaughtering and meat packing, wholesale", and 507 as "Slaughtering, wholesale, not including meat packing".

MISCELLANEOUS EXPENSES.

Previous census reports show no items entering into the cost of manufacture other than the amounts paid for wages and materials. The present inquiry was designed to cover, as far as possible, the entire cost of production. With this end in view, a series of questions pertaining to miscellaneous expenses was included in the schedule. The form of these questions was as follows:

Miscellaneous items:

Amount paid for rent, power, and heat ..... $_____
Amount paid for taxes ..... $_____
Amount paid for insurance ..... $_____
Amount paid for repairs, ordinary, of buildings and machinery ..... $_____
Amount paid to contractors ..... $_____
Amount paid for interest on cash used in the business ..... $_____
Amount paid for all sundries (not reported in any of the foregoing items) $_____
Total ..... $_____

Only the totals of the amounts reported for the items enumerated in the above questions are presented in Tables 2, 3, 4, 5, and 6. In general Table 8, Part I, also in Part II, statistics of cities, and in the special reports in Part III, the totals for each item are given.

The questions in regard to miscellaneous expenses were generally answered, though, in some cases, where a mercantile, mining, or other industry was conducted in connection with manufacturing, accurate reports were not obtained, the manufacturers claiming it was impossible to determine what part of the amount paid for taxes, interest on cash used in the business, and other sundry expenditures should be charged to each of the several branches of industry. Therefore the amounts reported for the different items by some establishments include not only the expenses connected with manufacturing, but also similar data properly chargeable to classes of industry not covered by this report. The total amount reported as paid for miscellaneous expenses is $631,225,035, and represents 7.82 per cent of the total cost of manufacture. The amount includes internal revenue tax, which was probably included in the cost of materials at previous censuses.

The amount paid contractors, which is included in the total of miscellaneous expenses, if reported at previous censuses was included in the amounts shown for wages. The total for this item is not given for the United States, but it is probable that the $27,287,929 shown for the 165 principal cities represents, practically, the entire amount paid to independent contractors by the establishments reporting.

The proportion expended for miscellaneous expenses in a product of a given value in different states and industries is shown in the remarks on "Products".

EMPLOYÉS AND WAGES.

The form of inquiry respecting employés and wages used at the Eleventh Census was as follows:

LABOR AND WAGES.

NOTE.—Hands employed on piecework and their earnings should be separately reported below. Wages paid should include board or rent furnished as part compensation.

CLASSES.	Average number employed during the year.	Total amount paid in wages during the year.
Operatives, engineers, and other skilled workmen, overseers, and foremen or superintendents (not general superintendents or managers):		
Males above 16 years		$
Females above 15 years		
Children		
Officers or firm members:		
Males		
Females		
Clerks:		
Males above 16 years		
Females above 15 years		
Children		
Watchmen, laborers, teamsters, and other unskilled workmen:		
Males above 16 years		
Females above 15 years		
Children		
Piecework (not included in the foregoing statement):		
Males above 16 years		
Females above 15 years		
Children		
Total		

Weekly rates of wages paid and average number of hands employed at each rate (not including those employed on piecework):

RATES PER WEEK.	Males above 16 years.	Females above 15 years.	Children.
Under $5.00			
$5.00 and over, but under $6.00			
$6.00 and over, but under $7.00			
$7.00 and over, but under $8.00			
$8.00 and over, but under $9.00			
$9.00 and over, but under $10.00			
$10.00 and over, but under $12.00			
$12.00 and over, but under $15.00			
$15.00 and over, but under $20.00			
$20.00 and over, but under $25.00			
$25.00 and over			

Months in operation:

NOTE.—The entire 12 months of the year should be accounted for, thus: 12 months on full time, or 8 months on full time and 4 months on half time, or 10 months on full time and 2 months idle.

On full time ____
On three-fourths time only ____
On one-half time only ____
On one-fourth time only ____
Idle ____

Number of hours in the ordinary day of labor:

May to November ____
November to May ____

In addition to the above questions, the schedules designed for a few selected industries, such as glass and refining of petroleum, contained questions concerning the daily wages of different classes of employés.

The inquiry concerning employés and wages used at the Tenth Census was not uniform; the majority of the schedules called only for the "greatest number of hands employed at any one time during the year", also "the average number of hands employed, males above 16 years, females above 15 years, and children and youths, and the total wages paid", without designating the different classes of employés. The schedules for some selected industries contained additional questions concerning the number of "officers and clerks", "operatives, mechanics, watchmen, and laborers". It is believed the questions adopted at the Eleventh Census have more fully developed the true

average number of employés and the total amount paid in wages; they have obtained a more complete return of the officers, firm members, and clerks and their salaries than was reported at previous censuses. The number of this class of wage earners included in the reports of previous censuses, with the exception of two or three special inquiries at the census of 1880, were only those reported when the manufacturer considered that they should be included in answer to a general question as to the number of employés and the total amount of wages.

The questions used in 1880 tended to obtain a number of employés that would be in excess of the true average, while it is believed the questions used in 1890 have obtained, as nearly as possible, the average number. The questions for 1890 also tended to obtain a large amount of wages as compared with 1880, thus making a comparison of the average annual earnings for all classes of employés as obtained from the reports of the two censuses impracticable.

The statistics concerning employés and wages will not be given in the detailed form reported, except in the case of selected industries. With the exception of comparative tables and those for selected industries, the statistics show the average number of males above 16 years, females above 15 years, and children, respectively, and the total wages, by classes, of officers, firm members, and clerks; operatives, including skilled and unskilled workmen, and pieceworkers. Table 8, giving detailed statistics for 8 selected industries, shows for each industry the average number of males above 16 years, females above 15 years, and children, and total wages, by classes, and gives the average weekly earnings per employé for each class, the average number of employés at specified weekly rates of wages, and the average number of hours in an ordinary day of labor. In making comparisons of employés at specified weekly rates of wages with the average weekly earnings per employé, it must be remembered that it is not practicable to obtain true average weekly earnings from a table of weekly rates, due in part to the fact that the terms of employment vary for employés reported at the respective rates.

The method used to compute the average weekly earnings shown for selected industries is as follows: the number of weeks reported by individual establishments as their term of operation is multiplied by the average number of employés in each class; the product is the number of weeks required for 1 employé to perform the labor. The sum of these products of individual establishments divided into the sum of wages for the same establishments produces the true average weekly earnings per employé.

The average number of employés is the number necessary to be continually employed during the time the establishment is reported as being in operation in the census year to perform the work of a varying number employed.

While changes in the form and scope of the inquiry of 1890 as compared with that used at previous censuses will not permit of the use of the totals to ascertain the percentage of gain, the statistics can be used to show the changes in the proportion of males, females, and children employed in manufactures. The following statement shows the total number of employés and the number and percentage of males, females, and children reported at the censuses of 1850 to 1890, inclusive:

TOTAL EMPLOYÉS AND NUMBER AND PERCENTAGE OF MALES, FEMALES, AND CHILDREN: 1850 TO 1890.

YEARS.	Total employés.	MALES.		FEMALES.		CHILDREN.	
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
1850	957,059	731,137	76.39	225,922	23.61	(a)	.....
1860	1,311,246	1,040,349	79.34	270,897	20.66	(a)	.....
1870	2,053,996	1,615,598	78.66	323,770	15.76	114,628	5.58
1880	2,732,595	2,019,035	73.89	531,639	19.45	181,921	6.66
1890	4,712,622	3,745,123	79.47	846,614	17.96	120,885	2.57
1880 (b)	2,700,732	2,011,516	74.48	512,247	18.97	176,969	6.55
1890 (b)	4,476,884	3,599,292	80.40	757,687	16.92	119,905	2.68

a Not reported.

b The duplications occurring in "Mixed textiles" in 1880 have been eliminated and the figures for "petroleum refining" added, and the industries not reported in 1880 have been excluded from the totals for 1890.

The following statement shows the percentage of increase in the aggregate number of employés, also in the number of males, females, and children, reported at the different censuses. In making the computations shown in this statement the modified figures for 1880 and 1890 given in the preceding statement have been used.

PER CENT OF INCREASE IN TOTAL EMPLOYÉS AND IN NUMBER OF MALES, FEMALES, AND CHILDREN: 1850 TO 1890.

YEARS.	Total employés.	Males.	Females.	Children.
1850 to 1860	37.01	42.29	19.91	(a)
1860 to 1870	56.64	55.29	19.52	(a)
1870 to 1880	31.49	24.51	58.21	54.39
1880 to 1890	65.77	78.93	47.91	b32.25

a Not reported. b

From the preceding statements it appears that while the absolute number of females reported at the different censuses as employed in manufactures has increased, the per cent has decreased; the decrease being due to the large absolute and relative increase in the number of male employés.

The two following statements show the percentage the males above 16 years, females above 15 years, and children are of the total employés reported in 1880 and 1890 for each of 15 states reporting a large number of females, and also for 15 states reporting a small number of females in 1880. In these statements the modified totals for 1880 and 1890 have been used.

AVERAGE NUMBER OF EMPLOYÉS AND NUMBER AND PER CENT OF MALES, FEMALES, AND CHILDREN FOR 15 STATES REPORTING A LARGE NUMBER OF FEMALES IN 1880: 1880 AND 1890.

STATES.	Year.	Average number of employés.	MALES ABOVE 16 YEARS.		FEMALES ABOVE 15 YEARS.		CHILDREN.	
			Average number.	Per cent.	Average number.	Per cent.	Average number.	Per cent.
Connecticut	1880	109,991	73,901	67.19	27,918	25.38	8,172	7.43
	1890	146,542	108,666	74.15	34,799	23.75	3,077	2.10
Illinois	1880	144,632	120,525	83.33	15,186	10.50	8,921	6.17
	1890	293,950	258,024	87.78	30,542	10.39	5,384	1.83
Maine	1880	51,887	34,946	67.35	13,328	25.69	3,613	6.96
	1890	74,420	51,227	68.83	20,755	27.89	2,438	3.28
Maryland	1880	74,923	46,692	62.32	21,689	28.95	6,542	8.73
	1890	102,049	72,277	70.82	25,673	25.16	4,099	4.02
Massachusetts	1880	345,585	225,421	65.23	103,166	29.85	16,998	4.92
	1890	468,661	331,910	70.82	128,114	27.34	8,637	1.84
Michigan	1880	77,591	[illegible],445	88.21	4,784	6.17	4,362	5.62
	1890	158,893	144,788	91.12	11,477	7.22	2,628	1.66
Missouri	1880	63,995	54,200	84.70	5,474	8.55	4,321	6.75
	1890	135,354	115,653	85.45	16,287	12.03	3,414	2.52
New Hampshire	1880	47,339	28,708	60.64	15,624	33.01	3,007	6.35
	1890	61,896	39,985	64.60	20,255	32.72	1,656	2.68
New Jersey	1880	124,268	86,266	69.42	26,193	21.08	11,809	9.50
	1890	176,768	135,139	76.45	36,401	20.59	5,228	2.96
New York	1880	521,676	361,339	69.27	132,103	25.32	28,234	5.41
	1890	809,002	613,489	75.83	183,495	22.68	12,018	1.49
Ohio	1880	183,596	152,215	82.91	18,556	10.11	12,825	6.98
	1890	312,029	267,341	85.68	38,308	12.28	6,380	2.04
Pennsylvania	1880	372,844	279,003	74.83	66,110	17.73	27,731	7.44
	1890	585,312	478,522	81.75	84,802	14.49	21,988	3.76
Rhode Island	1880	61,235	36,243	59.19	17,607	28.75	7,385	12.06
	1890	83,752	53,212	63.54	24,717	29.51	5,823	6.95
Virginia	1880	40,139	28,751	71.63	6,127	15.26	5,261	13.11
	1890	56,763	44,353	78.14	9,167	16.15	3,243	5.71
Wisconsin	1880	57,059	48,230	84.53	6,222	10.90	2,607	4.57
	1890	127,035	113,556	89.39	11,575	9.11	1,904	1.50

AVERAGE NUMBER OF EMPLOYÉS AND NUMBER AND PER CENT OF MALES, FEMALES, AND CHILDREN FOR 15 STATES REPORTING A SMALL NUMBER OF FEMALES IN 1880: 1880 AND 1890.

STATES.	Year.	Average number of employés.	MALES ABOVE 16 YEARS.		FEMALES ABOVE 15 YEARS.		CHILDREN.	
			Average number.	Per cent.	Average number.	Per cent.	Average number.	Per cent.
Alabama	1880	10,019	8,368	83.52	842	8.40	809	8.08
	1890	30,877	28,032	90.79	1,439	4.66	1,406	4.55
Arkansas	1880	4,557	4,307	94.51	90	1.98	160	3.51
	1890	14,157	13,464	95.11	303	2.14	390	2.75
California	1880	43,658	38,300	87.73	3,908	8.95	1,450	3.32
	1890	76,858	64,929	84.48	10,097	13.14	1,832	2.38
Colorado	1880	5,074	4,652	91.68	266	5.24	156	3.08
	1890	15,176	13,875	91.43	1,031	6.79	270	1.78
Delaware	1880	12,606	10,227	81.13	1,419	11.26	960	7.61
	1890	20,704	16,551	79.94	2,783	13.44	1,370	6.62
Indiana	1880	68,951	61,864	89.72	3,400	4.93	3,687	5.35
	1890	114,566	100,464	87.69	10,805	9.43	3,297	2.88
Iowa	1880	28,372	25,382	89.46	1,431	5.04	1,559	5.50
	1890	53,709	47,590	88.61	4,502	8.38	1,617	3.01
Kansas	1880	12,062	11,139	92.35	392	3.25	531	4.40
	1890	29,088	26,153	89.91	2,056	7.07	879	3.02
Louisiana	1880	12,167	10,171	83.60	1,335	10.97	661	5.43
	1890	30,632	23,613	77.09	6,426	20.98	593	1.93
Minnesota	1880	21,247	18,937	89.13	1,636	7.70	674	3.17
	1890	74,230	69,587	93.74	3,895	5.25	748	1.01
Nebraska	1880	4,793	4,464	93.14	120	2.50	209	4.36
	1890	21,174	19,259	90.95	1,202	5.68	713	3.37
Oregon	1880	3,473	3,280	94.44	96	2.77	97	2.79
	1890	17,331	16,450	94.92	681	3.93	200	1.15
Tennessee	1880	22,417	19,560	87.25	1,188	5.30	1,669	7.45
	1890	39,727	35,360	89.01	2,806	7.06	1,561	3.93
Texas	1880	12,159	11,645	95.77	116	0.96	398	3.27
	1890	33,263	30,988	93.16	1,358	4.08	917	2.76
West Virginia	1880	14,311	12,900	90.14	346	2.42	1,065	7.44
	1890	20,329	18,215	89.60	1,328	6.53	786	3.87

Selecting 15 industries that reported a large proportion of females in 1880, the following statement presents the average number of employés and the average number and per cent of males above 16 years, females above 15 years, and children reported at both censuses for the respective industries:

AVERAGE NUMBER OF EMPLOYÉS AND NUMBER AND PER CENT OF MALES, FEMALES, AND CHILDREN FOR 15 INDUSTRIES REPORTING A LARGE PROPORTION OF FEMALES IN 1880: 1880 AND 1890.

INDUSTRIES.	Year.	Average number of employés.	MALES ABOVE 16 YEARS.		FEMALES ABOVE 15 YEARS.		CHILDREN.	
			Average number.	Per cent.	Average number.	Per cent.	Average number.	Per cent.
Boots and shoes, factory product	1880	111,152	82,547	74.27	25,122	22.60	3,483	3.13
	1890	139,333	96,480	69.24	40,418	29.01	2,435	1.75
Boxes, fancy and paper	1880	9,678	2,194	22.67	6,836	70.63	648	6.70
	1890	19,954	6,505	32.60	12,933	64.81	516	2.59
Clothing, men's (*a*)	1880	160,813	77,255	48.04	80,994	50.37	2,564	1.59
	1890	243,857	144,395	59.21	97,381	39.94	2,081	0.85
Clothing, women's, factory product	1880	25,192	2,594	10.30	22,253	88.33	345	1.37
	1890	42,008	15,422	36.71	26,313	62.64	273	0.65
Corsets	1880	8,802	776	8.82	7,487	85.06	539	6.12
	1890	11,379	2,010	17.68	9,256	81.41	104	0.91
Cotton goods	1880	185,472	64,107	34.57	91,148	49.14	30,217	16.29
	1890	221,585	91,464	41.28	106,689	48.15	23,432	10.57
Furnishing goods, men's	1880	11,174	1,274	11.40	9,565	85.60	335	3.00
	1890	22,211	5,489	24.71	16,511	74.34	211	0.95
Gloves and mittens	1880	7,697	2,102	27.31	5,249	68.20	346	4.49
	1890	8,669	3,454	39.84	5,117	59.03	98	1.13
Hosiery and knit goods	1880	28,885	7,517	26.02	17,707	61.30	3,661	12.68
	1890	61,209	16,366	26.74	40,927	66.86	3,916	6.40
Millinery and lace goods	1880	6,555	971	14.81	5,248	80.06	336	5.13
	1890	11,827	3,103	26.24	8,682	73.41	42	0.35
Shirts	1880	25,687	2,878	11.20	22,186	86.37	623	2.43
	1890	32,750	6,813	20.80	25,730	78.57	207	0.63
Silk and silk goods	1880	31,337	9,375	29.92	16,396	52.32	5,566	17.76
	1890	50,913	18,998	37.31	29,049	57.06	2,866	5.63
Tobacco, chewing, smoking, and snuff	1880	32,756	14,886	45.44	10,776	32.90	7,094	21.66
	1890	31,267	16,394	52.43	10,589	33.87	4,284	13.70
Woolen goods	1880	86,504	46,978	54.31	29,372	33.95	10,154	11.74
	1890	79,351	44,485	56.06	30,240	38.11	4,626	5.83
Worsted goods	1880	18,803	6,435	34.22	9,473	50.38	2,895	15.40
	1890	43,593	19,658	45.10	20,110	46.13	3,825	8.77

a In 1890 includes 13,591 establishments reported as "Clothing, men's, custom work and repairing"; 4,867 establishments reported as "Clothing, men's, factory product", and 200 establishments reported as "Clothing, men's, factory product, buttonholes".

The following statement shows the average number of employés and the average number and per cent of males above 16 years, females above 15 years, and children for 15 industries reporting a small proportion of females in 1880, reported at the censuses of 1880 and 1890:

AVERAGE NUMBER OF EMPLOYÉS AND NUMBER AND PER CENT OF MALES, FEMALES, AND CHILDREN FOR 15 INDUSTRIES REPORTING A SMALL PROPORTION OF FEMALES IN 1880: 1880 AND 1890.

INDUSTRIES.	Year.	Average number of employée.	MALES ABOVE 16 YEARS.		FEMALES ABOVE 15 YEARS.		CHILDREN.	
			Average number.	Per cent.	Average number.	Per cent.	Average number.	Per cent.
Agricultural implements	1880	39,580	38,313	96.80	73	0.18	1,194	3.02
	1890	42,544	41,856	98.38	476	1.12	212	0.50
Brick and tile	1880	66,355	59,032	88.97	268	0.40	7,055	10.63
	1890	109,151	104,119	95.39	266	0.24	4,766	4.37
Cooperage	1880	25,973	24,435	94.08	42	0.16	1,496	5.76
	1890	24,652	24,114	97.82	208	0.84	330	1.34
Cutlery and edge tools	1880	10,519	9,458	89.91	380	3.61	681	6.48
	1890	9,487	9,112	96.05	263	2.77	112	1.18
Dyeing and finishing textiles	1880	16,698	12,788	76.58	2,038	12.21	1,872	11.21
	1890	20,267	17,146	84.60	2,328	11.49	793	3.91
Flouring and grist mill products	1880	58,407	58,239	99.71	42	0.07	126	0.22
	1890	63,481	62,801	98.93	474	0.75	206	0.32
Foundry and machine shop products	1880	145,351	140,459	96.63	675	0.47	4,217	2.90
	1890	247,754	244,472	98.68	1,737	0.70	1,545	0.62
Furniture, including cabinetmaking, repairing and upholstering. (a)	1880	52,087	47,642	91.47	1,607	3.08	2,838	5.45
	1890	78,667	74,575	94.80	2,536	3.22	1,556	1.98
Glass	1880	24,177	17,778	73.53	741	3.07	5,658	23.40
	1890	45,987	37,117	80.71	1,927	4.19	6,943	15.10
Hardware	1880	16,801	14,481	86.19	814	4.85	1,506	8.96
	1890	19,671	17,376	88.33	1,584	8.05	711	3.62
Jewelry	1880	12,697	10,050	79.15	1,998	15.74	649	5.11
	1890	15,761	12,498	78.73	3,137	19.90	216	1.37
Leather, tanned and curried	1880	34,865	34,095	97.79	265	0.76	505	1.45
	1890	34,348	34,143	99.40	126	0.37	79	0.23
Liquors, malt	1880	26,220	26,001	99.17	29	0.11	190	0.72
	1890	34,800	33,974	97.63	310	0.89	516	1.48
Painting and paper hanging	1880	17,711	17,271	97.52	131	0.74	309	1.74
	1890	56,281	55,646	98.87	378	0.67	257	0.46
Saddlery and harness	1880	21,446	20,024	93.37	561	2.62	861	4.01
	1890	30,326	28,953	95.47	1,039	3.43	334	1.10

a In 1880 includes 4,843 establishments reported as "Furniture"; also 781 establishments reported as "Upholstering". In 1890 includes 4,054 establishments reported as "Furniture, cabinetmaking, repairing and upholstering"; also 1,579 establishments reported as "Furniture, factory product".

From the four preceding statements it appears—

First. That the absolute number of females employed in manufacturing establishments has almost invariably increased, both in the industries and in the states for which either a large or small proportion of females were reported in 1880.

Second. That the relative number of females has increased in the states and industries that reported a small number of females in 1880, and that the relative decrease in the number of females reported for the states and industries showing a large number of females in 1880 is caused by the large absolute and relative increase in the number of male employés.

Third. That the largest percentage of increase in female employés is found in the industries and in the states that reported a small proportion of females in 1880.

Fourth. That the per cent of children employed in manufacturing establishments has decreased in all sections and in all industries, and that the absolute number of children employed has increased only in those states that employed a small number of females and children in 1880.

Referring to the presentation of the statistics of employés and wages adopted for the general tables, the following statement shows for the United States the average number and total wages of all employés and the average number and the wages of males, females, and children, with the percentages, by classes:

EMPLOYÉS AND WAGES, BY CLASSES, AND PERCENTAGES MALES, FEMALES, AND CHILDREN OF EACH CLASS AND THEIR WAGES ARE OF THE AGGREGATE FOR ALL CLASSES: 1890.

CLASSES.	AGGREGATES.		MALES ABOVE 16 YEARS.			
	Average number.	Total wages.	Average number.	Per cent of aggregate average number.	Wages.	Per cent of total wages.
Total	4,712,622	$2,283,216,529	3,745,123	79.47	$2,031,403,924	88.97
Officers, firm members, and clerks	461,009	391,988,208	418,081	8.87	372,169,441	16.30
Operatives, skilled and unskilled	3,492,029	1,590,516,997	2,881,795	61.15	1,436,482,387	62.91
Pieceworkers	759,584	300,711,324	445,247	9.45	222,752,096	9.76

CLASSES.	FEMALES ABOVE 15 YEARS.				CHILDREN.			
	Average number.	Per cent of aggregate average number.	Wages.	Per cent of total wages.	Average number.	Per cent of aggregate average number.	Wages.	Per cent of total wages.
Total	846,614	17.96	$235,186,743	10.30	120,885	2.57	$16,625,862	0.73
Officers, firm members, and clerks	42,928	0.91	19,818,767	0.87	.....	.....	.....	.....
Operatives, skilled and unskilled	505,712	10.73	139,329,719	6.10	104,522	2.22	14,704,891	0.64
Pieceworkers	297,974	6.32	76,038,257	3.33	16,363	0.35	1,920,971	0.09

Of the aggregate employés, the officers, firm members, and clerks form 9.78 per cent, and they receive 17.17 per cent of the total wages; operatives, skilled and unskilled, form 74.10 per cent of the employés, and they receive 69.66 per cent of the total wages; and pieceworkers form 16.12 per cent of the employés, and they receive 13.17 per cent of the total wages.

The following statement shows the average number and total wages of all employés, with percentages of number and wages of males, females, and children, by classes:

PERCENTAGES MALES, FEMALES, AND CHILDREN AND THEIR WAGES ARE OF TOTAL EMPLOYÉS AND WAGES FOR THE RESPECTIVE CLASSES: 1890.

CLASSES.	AGGREGATES.		PER CENT OF TOTAL FOR CLASS.					
			Males above 16 years.		Females above 15 years.		Children.	
	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
Total	4,712,622	$2,283,216,529	79.47	88.97	17.96	10.30	2.57	0.73
Officers, firm members, and clerks	461,009	391,988,208	90.69	94.94	9.31	5.06	.....	.....
Operatives, skilled and unskilled	3,492,029	1,590,516,997	82.53	90.32	14.48	8.76	2.99	0.92
Pieceworkers	759,584	300,711,324	58.62	74.07	39.23	25.29	2.15	0.64

From the two preceding statements it appears that the male employés are 79.47 per cent of the total employés and receive 88.97 per cent of the aggregate wages. The females are 17.96 per cent of the total employés and they receive 10.30 per cent of the aggregate wages. The male operatives are 61.15 per cent of the total and they receive 62.91 per cent of the aggregate wages. The female operatives are 10.73 per cent of the total and they receive 6.10 per cent of the aggregate wages. The male operatives are 82.53 per cent of all operatives and they receive 90.32 per cent of the aggregate wages of operatives, while the female operatives are 14.48 per cent of the total and they receive 8.76 per cent of the aggregate wages of operatives.

The average annual earnings per employé, as obtained from the totals for 1880, was $346.91, while the average obtained for all employés in 1890 was $484.49, and for the employés exclusive of the officers, firm members, and clerks, $444.83. Owing to the differences in the form and the scope of the inquiry of 1890, as compared with that of 1880, previously referred to, neither of these average annual earnings for 1890 should be accepted as the exact increase during the decade.

While the number of employés reported for 1890 is, as nearly as possible, the true average number employed during the year, the result obtained by using this number as a divisor into the total wages must not be accepted as the actual annual wages per employé for any particular class or occupation. The total number of employés and the total wages include not only officers, firm members, and clerks and their salaries, but the number and wages of males and females, apprentices, children, and adults, employés working the entire year, and those engaged for only short periods, also pieceworkers. The average annual earnings is also affected by the difference in the proportions of these different classes of employés, as well as by the conditions prevailing in the different industries and in different localities, some industries requiring a larger proportion of skilled and high-paid employés than others. With these cautions in accepting the figures, the following statement is presented, which shows for the United States the average annual earnings for all employés for each class, and for the males, females, and children in each class:

AVERAGE ANNUAL EARNINGS PER EMPLOYÉ, BY CLASSES: 1890.

CLASSES.	AGGREGATES.			MALES ABOVE 16 YEARS.			FEMALES ABOVE 15 YEARS.			CHILDREN.		
	Average number.	Total wages.	Average annual earnings.	Average number.	Wages.	Average annual earnings.	Average number.	Wages.	Average annual earnings.	Average number.	Wages.	Average annual earnings.
Total	4,712,622	$2,283,216,529	$484	3,745,123	$2,031,403,924	$542	846,614	$235,186,743	$278	120,885	$16,625,862	$138
Officers, firm members, and clerks.	461,009	391,988,208	850	418,081	372,169,441	890	42,928	19,818,767	462	.....	.....	.....
Operatives, skilled and unskilled.	3,492,029	1,590,516,997	455	2,881,795	1,436,482,387	498	505,712	139,329,719	276	104,522	14,704,891	141
Pieceworkers	759,584	300,711,324	396	445,247	222,752,096	500	297,974	76,038,257	255	16,363	1,920,971	117

Considering the 15 industries presented in a previous statement that employ a large proportion of females, the following statement shows the average annual earnings per employé for the males, females, and children in each of the 3 classes of employés:

AVERAGE ANNUAL EARNINGS PER EMPLOYÉ, BY CLASSES, IN 15 INDUSTRIES SHOWING A LARGE PROPORTION OF FEMALES: 1890.

INDUSTRIES.	AVERAGE ANNUAL EARNINGS PER EMPLOYÉ.							
	Officers, firm members, and clerks.		Operatives, skilled and unskilled.			Pieceworkers.		
	Males above 16 years.	Females above 15 years.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.
Boots and shoes, factory product	$1,075	$442	$535	$320	$147	$495	$347	$165
Boxes, fancy and paper	1,081	428	497	251	150	287	254	163
Clothing, men's (a)	914	439	580	282	149	499	223	90
Clothing, women's, factory product	1,280	595	621	350	150	503	262	254
Corsets	1,633	602	633	333	156	364	267	121
Cotton goods	1,305	456	381	272	130	368	290	152
Furnishing goods, men's	1,100	425	585	322	163	337	217	127
Gloves and mittens	934	482	528	296	136	463	206	115
Hosiery and knit goods	1,080	435	419	257	138	363	238	130
Millinery and lace goods	1,463	610	573	358	205	581	359	.....
Shirts	1,037	508	587	289	137	366	245	120
Silk and silk goods	1,327	486	545	277	153	505	272	178
Tobacco, chewing, smoking, and snuff	1,110	375	322	193	83	260	193	63
Woolen goods	981	363	404	277	153	423	279	153
Worsted goods	1,574	406	440	287	166	480	335	160

a Includes 13,591 establishments reported as "Clothing, men's, custom work and repairing"; 4,867 establishments reported as "Clothing, men's, factory product", and 200 establishments reported as "Clothing, men's, factory product, buttonholes".

The following statement shows facts similar to those just presented for the 15 industries employing a small proportion of females:

AVERAGE ANNUAL EARNINGS PER EMPLOYÉ, BY CLASSES, IN 15 INDUSTRIES SHOWING A SMALL PROPORTION OF FEMALES: 1890.

INDUSTRIES.	AVERAGE ANNUAL EARNINGS PER EMPLOYÉ.							
	Officers, firm members, and clerks.		Operatives, skilled and unskilled.			Pieceworkers.		
	Males above 16 years.	Females above 15 years.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.
Agricultural implements	$1,024	$476	$457	$222	$153	$518	$279	$206
Brick and tile	603	362	293	142	109	300	264	125
Cooperage	768	616	452	217	174	453	160	134
Cutlery and edge tools	931	410	525	258	157	449	249	100
Dyeing and finishing textiles	1,245	446	494	267	181	445	309	.....
Flouring and grist mill products	555	441	387	236	106	292	210	33
Foundry and machine shop products	1,177	494	561	279	194	581	306	218
Furniture, cabinetmaking, repairing and upholstering	715	396	569	344	155	464	280	156
Glass	1,156	366	438	168	141	757	228	199
Hardware	1,096	448	500	255	147	509	243	151
Jewelry	1,261	435	644	317	170	820	332	21
Leather, tanned and curried	1,018	495	478	275	158	598	282	47
Liquors, malt	1,700	795	701	243	180	443	183	153
Painting and paper hanging	822	375	644	303	179	552	215	118
Saddlery and harness	672	415	493	285	142	506	257	133

The average annual earnings for all classes of employés and for males above 16 years, females above 15 years, and children in each class, in the different states and territories, are shown in the following statement:

AVERAGE ANNUAL EARNINGS PER EMPLOYÉ FOR ALL CLASSES AND FOR MALES, FEMALES, AND CHILDREN IN EACH CLASS, BY STATES AND TERRITORIES: 1890.

STATES AND TERRITORIES.	AVERAGE ANNUAL EARNINGS PER EMPLOYÉ.								
	All classes.	Officers, firm members, and clerks.		Operatives, including skilled and unskilled.			Pieceworkers.		
		Males above 16 years.	Females above 15 years.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.
The United States	$484	$890	$462	$498	$276	$141	$500	$255	$117
Alabama	375	713	420	362	234	106	435	145	112
Alaska	258	444	.....	239	.....	.....	.....	.....	.....
Arizona	678	800	.....	674	493	87	780	.....	.....
Arkansas	360	602	596	341	230	112	311	57	34
California	616	980	607	651	306	173	550	241	98
Colorado	720	1,208	698	685	422	187	761	383	.....
Connecticut	507	1,062	451	543	292	173	535	303	204
Delaware	452	923	467	485	195	126	570	95	47
District of Columbia	625	818	509	614	420	172	791	757	212
Florida	468	762	443	419	304	114	626	347	120
Georgia	307	678	404	302	221	99	342	199	97
Idaho	419	641	520	401	183	106	265	.....	.....
Illinois	549	938	504	547	292	145	559	278	142
Indiana	416	687	418	412	209	126	460	184	97
Indian territory	456	826	.....	460	261	82	432	.....	.....
Iowa	437	690	390	430	216	125	502	148	85
Kansas	497	676	422	511	210	117	524	166	18
Kentucky	423	742	471	414	229	120	437	213	100
Louisiana	413	892	484	434	212	112	388	147	139
Maine	350	695	348	380	266	134	380	189	65
Maryland	388	788	417	449	221	98	370	150	69
Massachusetts	494	965	457	540	299	171	520	316	162
Michigan	405	770	407	389	215	126	395	206	119
Minnesota	480	842	462	445	284	141	555	297	56
Mississippi	311	536	421	318	238	101	189	157	102
Missouri	534	924	462	532	266	154	538	226	79
Montana	723	968	742	681	565	237	888	674	.....
Nebraska	544	815	487	540	270	138	467	182	27
Nevada	719	1,199	531	800	202	120	339	.....	.....
New Hampshire	383	760	427	416	292	153	437	260	122
New Jersey	516	1,062	423	554	274	149	538	250	157
New Mexico	564	675	235	565	359	155	512	529	.....
New York	549	1,039	508	582	300	155	532	270	163
North Carolina	216	498	360	231	144	86	252	155	62
North Dakota	543	721	346	517	267	172	667	520	.....
Ohio	479	836	426	489	231	155	445	213	145
Oklahoma	369	408	.....	381	207	95	400	.....	.....
Oregon	614	980	714	603	362	162	355	379	263
Pennsylvania	492	873	412	511	273	152	529	261	148
Rhode Island	441	1,062	440	498	287	159	550	300	158
South Carolina	267	610	334	270	192	96	284	228	96
South Dakota	454	654	367	429	255	101	469	330	129
Tennessee	395	645	412	387	205	113	418	219	104
Texas	471	744	581	457	273	131	445	173	61
Utah	545	876	362	556	272	138	578	143	57
Vermont	406	611	435	401	292	152	376	262	91
Virginia	330	653	343	349	145	91	320	176	71
Washington	622	986	577	600	388	176	561	351	75
West Virginia	379	549	400	375	184	134	443	162	138
Wisconsin	393	772	406	378	218	123	433	161	121
Wyoming	768	774	610	806	285	196	746	647	.....

Apparent inconsistencies in the averages given in the above statement may be explained by reference to general Table 6, which shows the number and the wages of the different classes of employés in the different industries reported for each state and territory. For instance, the average annual earnings of children (pieceworkers) in Kansas is reported as $18. It appears, however, that there were only 278 children (pieceworkers) reported for the state, and of this number 253 are shown for "Fruits and vegetables, canning and preserving". The establishments engaged in this industry were in operation only a few months during the year, making the average earnings in this occupation for the entire year exceedingly low.

The statement following shows the average annual earnings per employé for all classes and for males above 16 years, females above 15 years, and children in each of the different classes of industry in which there were 3 or more establishments reported. In considering the averages given in this statement reference should be made to general Table 5 to ascertain the number and wages of the different classes of employés for a given industry in the different states and territories.

AVERAGE ANNUAL EARNINGS PER EMPLOYÉ FOR ALL CLASSES AND FOR MALES, FEMALES, AND CHILDREN IN EACH CLASS, BY SPECIFIED INDUSTRIES: 1890.

INDUSTRIES.	All classes.	OFFICERS, FIRM MEMBERS, AND CLERKS.		OPERATIVES, INCLUDING SKILLED AND UNSKILLED.			PIECEWORKERS.		
		Males above 16 years.	Females above 15 years.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.
All industries	$484	$890	$462	$498	$276	$141	$500	$255	$117
Agricultural implements	513	1,024	476	457	222	153	518	279	206
Ammunition	490	1,318	682	565	272	189	350	155	96
Artificial feathers and flowers	392	1,280	507	497	317	133	322	319	92
Artificial limbs	757	1,018	365	678	433	161	304	200	.....
Artists' materials	540	1,031	559	539	368	138	304	125	96
Awnings, tents, and sails	570	860	439	656	282	159	353	204	100
Axle grease	696	1,080	.....	520	232	200	.....	.....	.....
Babbitt metal and solder	721	1,194	633	492	313	.....	136	.....	.....
Bagging, flax, hemp, and jute	287	1,353	.....	327	223	153	.....	358	.....
Bags, other than paper	388	1,126	397	516	266	182	379	254	160
Bags, paper	420	1,015	577	456	243	172	255	247	.....
Baking and yeast powders	536	1,049	377	503	254	142	322	236	250
Baskets and rattan and willow ware	340	625	437	416	221	110	298	165	87
Bellows	619	811	520	575	.....	309	645	.....	.....
Bells	552	783	385	498	294	250	709	.....	.....
Belting and hose, leather	688	1,223	426	599	317	136	227	150	.....
Belting and hose, linen	525	1,629	520	733	292	127	.....	.....	.....
Belting and hose, rubber	537	1,545	628	491	263	208	556	346	200
Bicycle and tricycle repairing	528	646	250	492	.....	159	250	.....	.....
Bicycles and tricycles	574	985	513	530	203	193	1,572	260	.....
Billiard tables and materials	752	1,192	360	642	222	233	1,410	.....	.....
Blacking	541	1,168	458	575	294	159	329	287	145
Blacksmithing and wheelwrighting	527	547	485	517	346	153	288	.....	94
Bluing	449	765	376	373	223	142	232	237	.....
Bone, ivory, and lamp black	562	1,036	.....	475	.....	217	588	.....	113
Bookbinding and blank-book making	500	1,067	547	579	299	164	583	293	153
Boot and shoe cut stock	422	881	392	496	271	172	360	220	199
Boot and shoe findings	338	884	486	478	189	164	265	154	109
Boot and shoe uppers	526	832	507	561	349	166	465	338	.....
Boots and shoes, custom work and repairing	473	506	377	453	303	151	424	316	138
Boots and shoes, factory product	476	1,075	442	535	320	147	495	347	165
Boots and shoes, rubber	428	1,293	539	477	255	182	528	352	.....
Bottling	578	862	651	512	249	178	321	75	.....
Boxes, cigar	385	812	624	436	274	144	410	261	160
Boxes, fancy and paper	344	1,081	428	497	251	150	287	254	163
Boxes, wooden packing	465	952	486	467	248	160	506	185	111
Brass	533	906	.....	505	.....	.....	985	.....	.....
Brass and copper, rolled	563	1,986	560	548	278	208	516	257	206
Brass castings and brass finishing	582	1,228	473	539	282	180	581	336	250
Brassware	540	1,442	455	582	281	166	522	314	150
Bread and other bakery products	546	762	357	535	256	175	368	258	144
Brick and tile	300	603	362	293	142	109	300	264	125
Bridges	637	1,366	345	591	.....	118	604	.....	267
Bronze castings	816	1,486	364	736	253	183	667	.....	.....
Brooms and brushes	393	720	430	423	225	143	370	194	108
Buttons	415	1,330	502	572	280	151	394	253	140
Calcium lights	511	907	.....	447	.....	.....	120	.....	.....
Cardboard	627	2,059	.....	602	301	.....	.....	.....	.....
Card cutting and designing	498	883	.....	489	312	154	281	159	182
Carpentering	675	891	457	648	215	180	541	275	60
Carpets and rugs, other than rag	399	1,340	472	478	321	183	472	344	164
Carpets, rag	369	455	329	370	211	118	342	145	206
Carpets, wood	474	1,003	416	443	475	.....	.....	.....	.....
Carriage and wagon materials	477	922	380	435	308	177	503	247	137
Carriages and sleds, children's	453	874	401	459	276	139	394	177	114
Carriages and wagons, including custom work and repairing	547	827	452	513	283	176	516	304	157
Cars and general shop construction and repairs by steam railroad companies.	569	820	397	562	306	230	623	333	.....
Cars and general shop construction and repairs by street railroad companies.	705	927	.....	702	.....	240	772	.....	.....
Cars, steam railroad, not including operations of railroad companies	525	1,089	528	501	308	178	562	276	.....
Cars, street railroad, not including operations of railroad companies	641	1,740	.....	592	390	260	940	.....	.....
Celluloid and celluloid goods	606	2,091	460	560	238	260	538	278	.....
Cheese and butter, urban dairy product	498	619	351	482	238	208	100	.....	.....
Cheese, butter, and condensed milk, factory product	356	406	259	359	189	120	337	232	23
Chemicals	572	1,291	562	544	271	182	463	311	156
Chins, decorating	545	819	774	567	295	162	616	520	.....
Chocolate and cocoa products	620	2,047	664	649	297	150	.....	.....	.....
Cigar molds	475	961	.....	466	193	168	510	215	.....
Clay and pottery products	500	984	450	488	226	148	600	311	204
Cleansing and polishing preparations	454	846	260	394	239	131	133	183	.....
Clock cases and materials	647	1,083	.....	601	.....	.....	.....	.....	.....
Clocks	540	1,441	449	580	333	183	518	307	244
Cloth, sponging and refinishing	617	1,097	295	572	300	182	.....	.....	.....
Clothing, horse	329	1,084	539	345	319	149	313	241	110
Clothing, men's, custom work and repairing	564	834	415	622	290	157	586	273	235
Clothing, men's, factory product	399	1,028	450	554	279	142	426	212	77
Clothing, men's, factory product, buttonholes	384	662	494	453	270	147	379	293	.....
Clothing, women's, dressmaking	331	820	473	622	265	119	482	258	124
Clothing, women's, factory product	448	1,280	595	621	350	150	503	262	254
Coffee and spice, roasting and grinding	637	1,087	453	570	271	175	356	294	.....
Coffins and burial cases, trimming and finishing	618	752	541	541	275	168	292	197	72

AVERAGE ANNUAL EARNINGS PER EMPLOYÉ FOR ALL CLASSES AND FOR MALES, FEMALES, AND CHILDREN IN EACH CLASS, BY SPECIFIED INDUSTRIES: 1890—Continued.

INDUSTRIES.	All classes.	OFFICERS, FIRM MEMBERS, AND CLERKS.		OPERATIVES, INCLUDING SKILLED AND UNSKILLED.			PIECEWORKERS.		
		Males above 16 years.	Females above 15 years.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.
Coffins, burial cases, and undertakers' goods	$553	$1,080	$550	$529	$333	$196	$539	$310	$182
Coke	457	708	300	427	.....	143	481	.....	165
Collars and cuffs, paper	534	1,624	520	529	224	.....	.....	263	.....
Combs	537	1,051	.....	545	307	189	461	162	195
Confectionery	428	807	350	476	230	142	423	198	113
Cooperage	473	768	616	452	217	174	453	160	134
Cordage and twine	354	1,374	538	399	255	153	345	259	166
Cordials and sirups	602	1,197	483	459	254	190	402	.....	.....
Cork, cutting	357	1,062	312	464	220	184	330	.....	.....
Corsets	357	1,633	602	633	333	156	364	267	121
Cotton, cleaning and rebandling	257	740	1,200	273	187	50	.....	230	.....
Cotton, compressing	410	874	.....	275	.....	47	584	.....	.....
Cotton, ginning	102	177	75	96	58	40	70	29	81
Cotton goods	314	1,305	456	381	272	130	368	290	152
Cotton ties	175	283	.....	400	.....	150	80	.....	.....
Cotton waste	469	1,040	660	439	205	156	150	.....	.....
Crucibles	587	1,623	.....	474	100	50	786	.....	.....
Cutlery and edge tools	518	931	410	525	258	157	449	249	100
Dentistry, mechanical	735	839	431	572	318	164	459	106	.....
Dentists' materials	715	1,619	417	618	307	146	628	338	.....
Druggists' preparations, not including prescriptions	492	579	316	443	254	150	108	206	.....
Drug grinding	599	1,155	.....	535	251	182	.....	300	.....
Dyeing and cleaning	489	757	431	542	288	180	499	276	.....
Dyeing and finishing textiles	479	1,245	446	494	267	181	445	309	.....
Dye stuffs and extracts	560	1,343	511	496	234	98	278	.....	.....
Electrical apparatus and supplies	566	1,292	515	558	251	171	575	368	.....
Electric light and power	777	1,309	611	717	240	250	.....	.....	.....
Electroplating	583	938	512	525	324	203	599	435	.....
Emery wheels	625	1,046	412	558	208	269	.....	.....	.....
Enameled goods	491	1,145	.....	501	296	150	300	.....	.....
Enameling	560	912	.....	520	306	208	.....	.....	.....
Engravers' materials	605	994	500	555	289	125	.....	.....	.....
Engraving and die sinking	715	1,018	641	609	245	140	724	.....	.....
Engraving, steel, including plate printing	735	1,248	710	741	422	175	1,207	385	.....
Engraving, wood	744	1,058	363	669	383	131	554	780	.....
Envelopes	423	1,462	517	575	292	231	211	261	.....
Fancy articles, not elsewhere specified	425	970	489	538	276	160	398	229	158
Felt goods	460	1,304	358	481	265	158	591	266	203
Fertilizers	460	1,114	438	382	294	142	209	.....	20
Files	542	1,011	436	526	364	173	511	257	.....
Firearms	616	1,264	1,049	605	318	187	538	138	.....
Fire extinguishers, chemical	706	1,267	600	460	315	.....	.....	.....	.....
Fireworks	383	1,262	550	396	252	150	112	126	.....
Fish, canning and preserving	240	666	486	284	148	71	236	142	47
Flags and banners	392	1,096	750	448	363	156	241	80	.....
Flavoring extracts	574	938	431	500	228	143	706	213	.....
Flax, dressed	439	1,479	300	628	322	83	.....	.....	.....
Flouring and grist mill products	426	555	441	387	236	106	292	210	33
Food preparations	438	918	329	431	211	154	373	251	246
Foundry and machine shop products	599	1,177	494	561	279	194	581	306	218
Foundry supplies	721	1,248	.....	562	.....	.....	.....	.....	.....
Fruit jar trimmings	302	1,929	.....	344	89	93	291	176	.....
Fruits and vegetables, canning and preserving	103	554	160	141	93	30	109	63	27
Fur goods	588	1,203	523	695	349	159	768	346	.....
Furnishing goods, men's	342	1,100	425	585	322	163	337	217	127
Furniture, cabinetmaking, repairing and upholstering	583	715	396	569	344	155	464	280	156
Furniture, chairs	415	954	458	440	206	124	433	114	48
Furniture, factory product	539	1,089	467	514	344	164	526	218	185
Furs, dressed	658	1,314	.....	577	233	260	644	156	.....
Galvanizing	559	1,328	500	476	220	332	625	.....	.....
Gas and lamp fixtures	650	1,398	613	590	308	212	614	.....	.....
Gas, illuminating and heating	716	1,172	420	656	.....	160	150	.....	125
Gas machines and meters	662	1,161	600	656	455	.....	502	125	.....
Gas stoves	610	1,196	549	553	250	.....	516	.....	.....
Glass	481	1,156	366	438	168	141	757	228	199
Glass, cutting, staining, and ornamenting	658	1,167	537	612	336	197	464	243	.....
Gloves and mittens	359	934	482	528	296	136	463	206	115
Glucose	554	2,066	.....	524	305	.....	600	.....	.....
Glue	449	1,063	676	416	243	141	404	100	.....
Gold and silver, leaf and foil	534	1,148	622	669	314	155	717	304	.....
Gold and silver, reducing and refining, not from the ore	798	1,752	.....	710	416	231	742	225	.....
Graphite	497	478	.....	511	320	.....	.....	.....	.....
Grease and tallow	604	906	488	549	328	257	44	.....	.....
Grindstones	432	651	.....	420	.....	90	.....	.....	.....
Gunpowder	580	1,568	650	513	.....	164	681	.....	.....
Hairwork	448	880	538	545	326	224	312	273	91
Hammocks	213	626	.....	411	200	.....	570	95	.....
Hand knit goods	277	823	356	491	167	61	371	142	.....
Hand stamps	609	895	589	526	260	157	611	532	.....
Hardware	504	1,096	448	500	255	147	509	243	151
Hardware, saddlery	487	1,131	404	477	254	141	434	201	130
Hat and cap materials	495	1,284	510	471	271	177	691	331	416
Hats and caps, not including wool hats	519	1,172	534	564	316	157	597	330	293
Hay and straw, baling	193	429	.....	232	22	18	101	.....	25
High explosives	667	1,613	570	584	230	214	717	116	90

AVERAGE ANNUAL EARNINGS PER EMPLOYÉ FOR ALL CLASSES AND FOR MALES, FEMALES, AND CHILDREN IN EACH CLASS, BY SPECIFIED INDUSTRIES: 1890—Continued.

INDUSTRIES.	All classes.	OFFICERS, FIRM MEMBERS, AND CLERKS.		OPERATIVES, INCLUDING SKILLED AND UNSKILLED.			PIECEWORKERS.		
		Males above 16 years.	Females above 15 years.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.
Hones and whetstones	$394	$659	.....	$348	$245	.....	$333	.....	.....
Hooks and eyes	611	1,884	$305	645	301	$133	.....	.....	.....
Horseshoes, factory product	574	2,157	.....	569	.....	224	.....	.....	.....
Hosiery and knit goods	298	1,080	435	419	257	158	363	$238	$130
House furnishing goods, not elsewhere specified	485	1,100	736	490	296	195	521	318	200
Ice, artificial	441	787	480	415	.....	91	63	.....	.....
Ink, printing	883	1,389	656	725	481	.....	469	.....	.....
Ink, writing	593	1,218	472	500	243	125	538	268	.....
Instruments, professional and scientific	677	1,090	3[illegible]8	613	286	169	791	279	.....
Iron and steel	555	1,501	533	534	283	193	.....	.....	.....
Iron and steel, bolts, nuts, washers, and rivets	473	1,270	474	474	274	170	433	285	204
Iron and steel, doors and shutters	724	1,080	.....	608	.....	125	1,800	.....	.....
Iron and steel, forgings	593	1,372	415	559	245	195	553	.....	185
Iron and steel, nails and spikes, cut and wrought, including wire nails	457	1,235	436	447	265	183	618	253	187
Iron and steel, pipe, wrought	485	1,213	442	466	469	203	505	.....	200
Ironwork, architectural and ornamental	640	1,154	447	601	347	185	580	.....	286
Ivory and bone work	511	928	279	526	300	151	420	297	174
Japanning	535	1,041	.....	484	313	185	530	357	194
Jewelry	652	1,261	435	644	317	170	820	332	21
Jewelry and instrument cases	566	1,104	416	615	231	166	643	150	234
Jute and jute goods	323	1,278	.....	485	271	136	.....	307	.....
Kaolin and other earth grinding	509	1,045	367	429	.....	126	535	.....	.....
Kindling wood	423	830	903	444	258	131	318	193	190
Labels and tags	535	1,028	510	597	246	104	780	185	87
Lamps and reflectors	578	1,318	516	537	232	193	433	461	.....
Lapidary work	771	1,093	1,500	605	.....	156	670	.....	.....
Lard, refined	637	1,511	664	599	263	196	225	314	.....
Lasts	739	1,124	275	659	.....	208	855	.....	.....
Lead, bar, pipe, and sheet	708	1,211	528	602	.....	.....	575	363	.....
Leather board	498	986	500	440	300	.....	400	.....	.....
Leather, dressed skins	585	826	.....	560	296	201	560	.....	.....
Leather goods	476	1,104	474	486	265	180	547	173	100
Leather, morocco	558	1,097	510	524	318	191	656	485	208
Leather, patent and enameled	648	1,626	312	577	.....	.....	678	.....	.....
Leather, tanned and curried	519	1,018	495	478	275	158	598	282	47
Lightning rods	630	1,280	564	472	.....	145	415	.....	.....
Lime and cement	399	796	507	378	363	149	445	.....	.....
Linen goods	309	1,452	.....	447	228	182	302	270	179
Liquors, distilled	527	965	563	470	130	108	530	.....	100
Liquors, malt	816	1,700	795	701	243	180	443	183	153
Liquors, vinous	375	781	465	297	308	91	109	100	.....
Lithographing and engraving	675	1,468	449	683	255	180	1,103	259	204
Lock and gun smithing	587	644	460	549	600	152	411	364	.....
Looking-glass and picture frames	544	836	395	523	258	175	514	300	150
Lumber and other mill products from logs or bolts	307	550	447	292	180	128	288	128	102
Lumber, planing mill products, including sash, doors, and blinds	564	980	474	536	271	153	552	329	158
Malt	569	1,405	300	479	.....	.....	424	.....	.....
Mantels, slate, marble, and marbleized	681	1,143	507	617	241	324	776	.....	.....
Marble and stone work	750	1,101	398	706	288	201	565	260	117
Masonry, brick and stone	652	1,025	463	628	367	379	660	.....	.....
Matches	310	1,322	504	412	181	146	349	172	80
Mats and matting	502	990	.....	473	207	179	499	241	.....
Mattresses and spring beds	499	898	448	490	303	155	448	317	344
Millinery and lace goods	461	1,463	610	573	358	205	581	359	.....
Millinery, custom work	373	778	493	395	309	116	290	243	127
Millstones	638	1,275	.....	532	.....	.....	.....	.....	.....
Mineral and soda waters	545	801	536	487	243	135	285	169	63
Mirrors	670	1,383	.....	606	203	151	833	.....	.....
Models and patterns	710	938	449	654	326	144	585	208	.....
Monuments and tombstones	655	823	412	615	300	185	655	60	75
Mucilage and paste	494	866	421	432	160	25	329	254	.....
Musical instruments and materials, not specified	624	805	371	583	303	181	655	438	.....
Musical instruments, organs and materials	621	1,173	401	622	429	188	542	347	.....
Musical instruments, pianos and materials	716	1,591	705	657	335	177	702	581	.....
Needles and pins	433	1,147	664	493	307	230	575	246	237
Nets and seines	335	875	750	591	256	.....	150	235	.....
Oakum	378	1,144	.....	352	50	213	.....	.....	.....
Oil, castor	694	1,124	435	578	.....	.....	.....	.....	.....
Oil, cottonseed and cake	303	1,054	463	253	175	121	576	.....	.....
Oil, essential	170	373	.....	148	.....	.....	113	.....	.....
Oil, illuminating, not including petroleum, refining	825	1,742	583	600	.....	.....	.....	.....	.....
Oil, lard	685	1,116	.....	563	.....	.....	698	.....	.....
Oil, linseed	620	1,666	740	515	260	.....	746	.....	.....
Oil, lubricating	818	1,236	483	638	277	231	612	.....	.....
Oil, resin	706	1,076	.....	596	.....	.....	.....	.....	.....
Oilcloth, enameled	579	1,142	.....	536	643	150	555	.....	.....
Oilcloth, floor	529	1,507	250	489	335	208	548	.....	104
Oleomargarine	750	1,526	541	599	261	350	.....	.....	.....
Optical goods	457	912	417	475	198	155	439	293	196
Ordnance and ordnance stores	753	1,125	.....	742	470	182	766	.....	.....
Oysters, canning and preserving	203	1,161	250	316	310	80	134	97	86
Painting and paper hanging	670	822	375	644	303	179	552	215	118
Paints	642	1,249	435	530	277	152	502	254	169
Paper	465	1,384	502	486	248	157	422	291	46
Paper goods, not elsewhere specified	465	1,241	522	500	261	153	434	268	156

AVERAGE ANNUAL EARNINGS PER EMPLOYÉ FOR ALL CLASSES AND FOR MALES, FEMALES, AND CHILDREN IN EACH CLASS, BY SPECIFIED INDUSTRIES: 1890—Continued.

INDUSTRIES.	All classes.	OFFICERS, FIRM MEMBERS, AND CLERKS.		OPERATIVES, INCLUDING SKILLED AND UNSKILLED.			PIECEWORKERS.		
		Males above 16 years.	Females above 15 years.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.
Paper hangings	$524	$1,363	$454	$532	$246	$143	$268	$600	$150
Paper patterns	343	1,362	484	773	201	156	390	.....	.....
Patent medicines and compounds	543	990	432	546	255	146	311	255	72
Paving and paving materials	460	1,021	456	434	312	126	440	.....	.....
Pencil cases	675	1,308	.....	615	294	.....	.....	.....	.....
Pencils, lead	400	2,259	475	568	235	151	371	223	200
Pens, fountain and stylographic	584	1,236	468	542	230	.....	468	413	.....
Pens, gold	718	1,302	371	633	302	104	713	.....	.....
Pens, steel	298	1,343	.....	610	364	159	262	207	.....
Perfumery and cosmetics	500	1,089	655	519	263	129	283	272	267
Petroleum, refining	560	1,066	428	550	311	163	428	.....	217
Photographic apparatus	563	1,114	541	569	219	126	623	.....	.....
Photographic materials	599	1,053	358	622	317	169	492	280	.....
Photography	614	882	496	582	351	160	421	316	120
Photolithographing and engraving	731	1,153	456	711	321	166	543	500	.....
Pickles, preserves, and sauces	416	916	468	447	197	113	253	168	183
Pipes, tobacco	543	1,183	530	516	251	125	531	165	130
Plastering and stuccowork	644	809	360	618	349	147	446	38	.....
Plated and britannia ware	546	1,471	465	556	283	175	556	303	131
Plumbers' supplies	602	1,227	543	544	312	238	575	285	150
Plumbing and gas fitting	677	983	402	627	397	192	324	156	.....
Pocketbooks	491	1,247	350	508	258	87	566	257	185
Printing and publishing, book and job	617	1,075	487	614	333	180	573	506	.....
Printing and publishing, music	640	1,026	442	519	309	172	701	532	.....
Printing and publishing, newspapers and periodicals	647	950	424	642	318	108	776	410	134
Printing materials	561	1,011	501	576	323	194	606	170	.....
Printing, tin	543	1,152	560	488	299	187	520	.....	.....
Pulp goods	504	1,190	180	471	187	115	466	228	.....
Pulp, wood	434	1,024	526	412	212	136	312	.....	.....
Pulp from fiber, other than wood	555	1,613	150	421	.....	150	641	.....	.....
Pumps, not including steam pumps	535	831	399	472	200	137	526	.....	.....
Refrigerators	528	1,139	355	486	216	156	530	303	146
Regalia and society banners and emblems	439	1,101	558	516	282	132	610	257	93
Registers, car fare	634	1,053	450	601	.....	72	.....	.....	.....
Registers, cash	585	846	624	640	185	150	650	.....	.....
Rice, cleaning and polishing	430	1,002	.....	352	147	102	197	.....	36
Roofing and roofing materials	642	879	480	608	207	175	346	.....	109
Rubber and elastic goods	461	1,435	530	511	293	182	509	307	207
Rules, ivory and wood	455	827	692	450	214	156	400	289	166
Saddlery and harness	529	672	415	493	285	142	506	257	133
Safes and vaults	580	876	408	566	720	105	528	.....	.....
Salt	400	955	292	388	250	169	325	280	140
Sand and emery paper and cloth	619	1,112	.....	530	239	.....	.....	.....	.....
Sausage	508	748	439	440	279	126	252	.....	.....
Saws	632	1,069	455	617	283	167	684	240	364
Scales and balances	558	988	373	508	275	187	666	.....	130
Screws, machine	481	1,133	396	482	132	35	423	.....	.....
Screws, wood	379	1,109	239	480	188	149	455	232	.....
Sewing machine cases	481	1,779	312	517	438	185	452	333	.....
Sewing machine repairing	600	639	455	605	317	130	520	.....	.....
Sewing machines and attachments	567	1,538	504	566	355	299	530	369	260
Shipbuilding	618	1,669	588	605	325	151	524	125	.....
Shirts	327	1,037	508	587	289	137	366	245	120
Shoddy	373	1,046	458	428	256	208	224	158	64
Show cases	584	952	390	554	247	221	591	.....	92
Silk and silk goods	387	1,327	486	545	277	153	505	272	178
Silversmithing	808	1,662	563	729	450	166	.....	.....	.....
Silverware	702	1,530	443	671	367	177	812	.....	.....
Slaughtering and meat packing, wholesale	581	1,117	500	556	294	186	517	284	52
Slaughtering, wholesale, not including meat packing	710	1,279	494	609	265	212	881	.....	250
Smelting and refining	636	1,449	735	580	300	133	.....	.....	200
Soap and candles	532	1,067	401	499	246	151	336	328	179
Soda water apparatus	733	1,219	471	659	270	216	775	426	.....
Sporting goods	401	953	418	491	237	194	481	163	.....
Springs, steel, car and carriage	621	1,383	418	584	.....	198	514	.....	115
Stamped ware	437	1,198	469	516	222	174	372	248	84
Starch	381	1,064	715	362	194	108	554	263	156
Stationery goods, not elsewhere specified	474	1,199	487	531	259	142	468	281	118
Steam fittings and heating apparatus	645	1,257	465	587	372	209	624	280	.....
Steam packing	548	759	433	518	277	205	382	.....	.....
Stencils and brands	692	978	374	627	400	164	584	187	.....
Stereotyping and electrotyping	725	1,359	514	660	597	205	775	416	.....
Straw goods, not elsewhere specified	278	1,704	.....	555	295	221	200	179	.....
Sugar and molasses, refining	374	905	310	353	62	43	321	189	.....
Surgical appliances	602	919	395	641	303	164	493	325	150
Tar and turpentine	192	550	.....	195	58	50	134	75	51
Taxidermy	660	860	.....	573	256	172	228	225	.....
Teasels	300	347	.....	318	312	312	225	.....	.....
Timber products, not manufactured at mill	246	567	.....	235	174	199	258	164	180
Tinsmithing, coppersmithing, and sheet-iron working	547	774	443	528	221	161	423	260	221

AVERAGE ANNUAL EARNINGS PER EMPLOYÉ FOR ALL CLASSES AND FOR MALES, FEMALES, AND CHILDREN IN EACH CLASS, BY SPECIFIED INDUSTRIES: 1890—Continued.

INDUSTRIES.	All classes.	OFFICERS, FIRM MEMBERS, AND CLERKS.		OPERATIVES, INCLUDING SKILLED AND UNSKILLED.			PIECEWORKERS.		
		Males above 16 years.	Females above 15 years.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.
Tobacco, chewing, smoking, and snuff	$274	$1,110	$375	$322	$193	$83	$260	$193	$63
Tobacco, cigars and cigarettes	456	750	438	467	273	129	495	309	132
Tobacco, stemming and rehandling	224	626	1,507	230	155	120	147	152	73
Tools, not elsewhere specified	584	979	417	549	325	180	577	387	174
Toys and games	392	986	372	408	234	152	325	247	164
Trunks and valises	518	974	483	502	256	155	446	295	195
Type founding	645	1,354	473	683	530	184	633	447	152
Typewriters and supplies	621	1,434	411	628	304	127	565	350	.....
Umbrellas and canes	467	971	483	518	314	170	398	318	.....
Upholstery materials	418	946	442	426	305	148	501	233	154
Varnish	945	1,480	570	651	288	169	463	234	234
Vault lights and ventilators	783	1,446	.....	669	600	100	.....	.....	.....
Vinegar and cider	339	575	274	291	63	43	154	61	.....
Washing machines and clothes wringers	476	765	471	458	230	161	382	150	130
Watch and clock materials	520	1,162	375	533	269	191	574	200	133
Watch cases	547	1,230	408	606	207	158	490	207	241
Watch, clock, and jewelry repairing	638	696	391	618	316	157	419	780	.....
Watches	553	1,379	456	685	394	270	633	376	.....
Whalebone and rattan	680	1,570	.....	665	289	.....	.....	.....	.....
Wheelbarrows	480	910	435	435	.....	147	488	.....	.....
Whips	501	1,008	328	494	287	184	456	288	.....
Windmills	534	760	490	503	501	195	492	.....	.....
Window shades	599	1,155	500	529	335	166	683	401	.....
Wire	536	1,603	575	505	301	156	673	400	.....
Wirework, including wire rope and cable	503	948	595	482	279	178	484	268	110
Wood, preserving	442	846	.....	366	.....	.....	.....	.....	.....
Wood, turned and carved	501	879	427	475	187	149	447	129	135
Woodenware, not elsewhere specified	399	865	501	392	245	141	380	136	75
Wool hats	380	1,266	435	397	227	113	545	223	149
Woolen goods	359	981	363	404	277	153	423	279	153
Worsted goods	364	1,574	406	440	287	106	480	335	160
Zinc	604	1,276	.....	586	.....	233	100	.....	.....
All other industries (*a*)	356	1,392	433	507	222	130	115	184	.....

a Industries in which less than 3 establishments are reported are grouped, in order to avoid disclosing the operations of individual establishments. These industries are as follows: fuel, artificial; phonographs and graphophones; racking hose; rubber, vulcanized; sugar and molasses, beet; thread, linen; tinfoil.

The average annual earnings for different industries in the same state and for the same industry in different states are shown by the following statement, in which the average annual earnings are given for males, females, and children, exclusive of officers, firm members, and clerks, in 6 selected industries common to the 10 states reporting the largest number of employés, by states:

AVERAGE ANNUAL EARNINGS FOR MALES, FEMALES, AND CHILDREN (EXCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS), FOR 6 INDUSTRIES COMMON TO 10 STATES HAVING THE LARGEST AGGREGATE NUMBER OF EMPLOYÉS, BY STATES: 1890.

STATES.	CARPENTERING.			CARRIAGES AND WAGONS, INCLUDING CUSTOM WORK AND REPAIRING.			CLOTHING, MEN'S, FACTORY PRODUCT.			FOUNDRY AND MACHINE SHOP PRODUCTS.			MASONRY, BRICK AND STONE.			TOBACCO, CIGARS AND CIGARETTES.		
	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.
Connecticut	$682	$306	.....	$670	$338	$208	$497	$240	.....	$591	$290	$217	$685	.....	.....	$569	$300	$155
Illinois	644	225	$131	543	327	127	401	262	$169	554	245	202	614	.....	$171	516	284	137
Massachusetts	683	468	150	609	297	300	637	276	208	581	324	185	680	$223	390	545	327	178
Michigan	518	153	60	446	299	167	461	214	.....	526	259	168	548	.....	.....	490	255	135
Missouri	670	.....	216	498	320	189	466	230	91	568	280	180	649	301	686	494	302	133
New Jersey	724	.....	236	574	417	75	521	280	113	565	304	177	769	.....	.....	483	234	149
New York	727	102	157	553	287	171	596	275	129	598	272	220	654	624	487	515	345	150
Ohio	588	.....	202	483	299	193	295	187	236	530	223	199	583	.....	260	410	265	127
Pennsylvania	663	260	256	489	186	140	583	284	187	563	281	188	649	.....	127	377	245	113
Wisconsin	539	.....	21	459	242	187	374	162	.....	502	321	183	470	120	30	455	245	120

MATERIALS.

The cost shown for materials is the cost at the place of consumption of all materials used during the year. With the exception of the schedules on which a few selected industries were reported at the census of 1880, the question concerning materials was as follows: "Value of materials used (including mill supplies and fuel)". At the census of 1890 the schedule contained separate questions as to the kind, quantity, and cost of the "Principal materials", and the cost of "Mill supplies", "Fuel", and "All other materials". The amounts paid for rent of power and heat are also included under this head in 1890. It is probable that some of the items included in the cost of materials at the census of 1880 are included in "Miscellaneous expenses" in the inquiry of 1890. This is especially true of the item of internal revenue taxes reported in industries such as liquors, malt and distilled, and tobacco.

The propriety of including as materials the amounts expended for mill supplies, fuel, and for rent of power and heat in some industries may be questioned, but these articles are so closely allied with other materials in many industries that it is impossible to make a separation, especially in view of the manner in which the information was reported by the manufacturers.

The proportion expended for materials in manufacturing a product of a given value in different states and industries, and the percentage of the cost of materials of the total cost of manufacture, also the relation existing between the cost of materials and the value of products, are shown in the remarks on "Products".

PRODUCTS.

The value given under the head of products is the value at the factory, not including any allowance for commissions or expenses of selling. With the exception of the schedules on which a few selected industries were reported at the census of 1880, the question concerning the value of products was as follows: "Value of products (including jobbing and repairing)". The question used at the Eleventh Census required a separate statement as to the quantity and value of the "Principal products" and the value of "All other products, including amounts received for custom work and repairing".

As previously stated, the value of the product is the value at the factory; therefore these statistics can not be taken as showing the profit or earnings of capital, because many items of expense enter into the mercantile portion of the business which is not within the scope of the census inquiry. The inquiry conducted by this office was intended to ascertain only the relations which capital, wages, cost of materials, and miscellaneous expenses bear to the value at the works of the products of manufacturing industry.

The total value of products for 1890 amounts to $9,372,437,283; but this amount must not be accepted as the value added to the cost of raw materials by manufacturing processes. The product of one industry frequently becomes the material for another; thus the original value of the material, as purchased by the first manufacturer, is duplicated many times before the material reaches a finished state and is delivered to the consumer. It is

impossible to arrive at the exact extent of this duplication, but the value added to the cost of the materials as they first entered a factory is fairly indicated by deducting from the value of products given above the total cost of materials, reported as amounting to $5,162,044,076. This will leave $4,210,393,207 as the value of products, which may be designated the "Net value". This net value of products will appear larger in states where the predominating industries are of a character in which the outlay for labor forms a larger proportion of the cost of manufacture than the outlay for materials. This is indicated by the statement presented on a preceding page, which gives the ranks of the different states and territories in the gross value and the net value of products, number of employés, and total wages. The state of Kansas, for instance, is ranked as number 18 in the gross value of products, 24 in net value, 26 in the number of employés, and 24 in total wages. The high rank of the state in the gross value of products as compared with its rank in the other items is due to the slaughtering and meat packing industry. In this industry the cost of materials forms a large per cent of the value of product. The product reported for slaughtering and meat packing forms 40.55 per cent of the total products for the state. Excluding this industry, Kansas would rank 25 in gross and 26 in net value of products. The difference in the rank of Nebraska in the gross value and its rank in the net value of products is due to the smelting and refining industry, in which the cost of materials also forms a large percentage of the product. Excluding this industry, the state would rank 22 in gross and 25 in net value of products.

The three tables following show, respectively—

1. The general relation between the cost of materials and the value of products in different industries of the same state, which gives the rank of the 6 leading industries, first according to the gross value and then according to the net value of product in each state and territory.

2. The relative size of the establishments in the total for the United States and in the different states and territories, which gives for each state and territory the average capital, number of employés, gross value and net value of product per establishment; also the average gross value and net value of product and average annual earnings per employé. All classes of establishments are included in the totals on which the averages shown in this statement are based. In many establishments no employés other than officers or firm members are reported, and no labor except that of this class of employés enters into the value of the product. Therefore in many establishments, possibly in all, the officers, firm members, and clerks should be considered in computing the average gross value and the average net value of product per employé. To meet any objection to this method the averages are presented: first, including officers, firm members, and clerks in the total employés used as a divisor; second, excluding these classes. In computing the average annual earnings per employé, the officers, firm members, and clerks have been excluded. In considering these average annual earnings, reference should be made to the remarks under "Employés and wages" concerning averages of this character.

3. The size of the average establishment in the different industries, which gives for each of the different classes of industry in which 3 or more establishments were reported averages of the same character as presented in the preceding statement for the different states. From this statement it appears there were 161 industries in which the average gross value of annual product per establishment exceeded $50,000. There were 45,708 establishments reported as engaged in these industries, and their aggregate gross value of products amounted to $5,485,230,802; the establishments being 12.86 per cent in number and the products 84.06 per cent in value of the totals for the United States.

STATES AND TERRITORIES ARRANGED ACCORDING TO GROSS VALUE OF PRODUCTS AND 6 PRINCIPAL STATE AND

	STATES AND TERRITORIES.	SIX PRINCIPAL INDUSTRIES ACCORDING TO GROSS VALUE OF PRODUCT.		
1	New York	Clothing, men's, factory product	Foundry and machine shop products	Liquors, malt
2	Pennsylvania	Iron and steel	Foundry and machine shop products	Sugar and molasses, refining
3	Illinois	Slaughtering and meat packing, wholesale	Liquors, distilled	Foundry and machine shop products
4	Massachusetts	Boots and shoes, factory product	Cotton goods	Foundry and machine shop products
5	Ohio	Iron and steel	Foundry and machine shop products	Flouring and grist mill products
6	New Jersey	Silk and silk goods	Foundry and machine shop products	Petroleum, refining
7	Missouri	Flouring and grist mill products	Carpentering	Liquors, malt
8	Michigan	Lumber and other mill products from logs or bolts.	Flouring and grist mill products	Foundry and machine shop products
9	Wisconsin	Lumber and other mill products from logs or bolts.	Flouring and grist mill products	Liquors, malt
10	Connecticut	Cotton goods	Foundry and machine shop products	Hardware
11	Indiana	Flouring and grist mill products	Slaughtering, wholesale, not including meat packing.	Lumber and other mill products from logs or bolts.
12	California	Sugar and molasses, refining	Flouring and grist mill products	Lumber and other mill products from logs or bolts.
13	Minnesota	Flouring and grist mill products	Lumber and other mill products from logs or bolts.	Masonry, brick and stone
14	Maryland	Clothing, men's, factory product	Masonry, brick and stone	Fruits and vegetables, canning and preserving.
15	Rhode Island	Cotton goods	Worsted goods	Foundry and machine shop products
16	Kentucky	Liquors, distilled	Flouring and grist mill products	Lumber and other mill products from logs or bolts.
17	Iowa	Slaughtering and meat packing, wholesale	Flouring and grist mill products	Lumber and other mill products from logs or bolts.
18	Kansas	Slaughtering and meat packing, wholesale	Flouring and grist mill products	Gold and silver, reducing and refining, not from the ore.
19	Maine	Cotton goods	Lumber and other mill products from logs or bolts.	Boots and shoes, factory product
20	Nebraska	Slaughtering and meat packing, wholesale	Smelting and refining	Flouring and grist mill products
21	Virginia	Tobacco, chewing, smoking, and snuff	Flouring and grist mill products	Tobacco, stemming and rehandling
22	New Hampshire	Cotton goods	Boots and shoes, factory product	Woolen goods
23	Tennessee	Flouring and grist mill products	Lumber and other mill products from logs or bolts.	Foundry and machine shop products
24	Texas	Lumber and other mill products from logs or bolts.	Flouring and grist mill products	Carpentering
25	Georgia	Cotton goods	Lumber and other mill products from logs or bolts.	Flouring and grist mill products
26	Louisiana	Sugar and molasses, refining	Lumber and other mill products from logs or bolts.	Rice, cleaning and polishing
27	Alabama	Iron and steel	Lumber and other mill products from logs or bolts.	Flouring and grist mill products
28	Colorado	Lumber, planing mill products, including sash, doors, and blinds.	Flouring and grist mill products	Printing and publishing, newspapers and periodicals.
29	Washington	Lumber and other mill products from logs or bolts.	Flouring and grist mill products	Timber products, not manufactured at mill.
30	Oregon	Lumber and other mill products from logs or bolts.	Flouring and grist mill products	Carpentering
31	North Carolina	Cotton goods	Lumber and other mill products from logs or bolts.	Flouring and grist mill products
32	District of Columbia	Carpentering	Printing and publishing, book and job	Ordnance and ordnance stores
33	West Virginia	Iron and steel	Lumber and other mill products from logs or bolts.	Flouring and grist mill products
34	Vermont	Lumber and other mill products from logs or bolts.	Flouring and grist mill products	Woolen goods
35	Delaware	Leather, morocco	Cars, steam railroad, not including operations of railroad companies.	Foundry and machine shop products
36	South Carolina	Cotton goods	Fertilizers	Flouring and grist mill products
37	Arkansas	Lumber and other mill products from logs or bolts.	Flouring and grist mill products	Oil, cottonseed and cake
38	Mississippi	Lumber and other mill products from logs or bolts.	Oil, cottonseed and cake	Cotton goods
39	Florida	Tobacco, cigars and cigarettes	Lumber and other mill products from logs or bolts.	Printing and publishing, newspapers and periodicals.
40	Utah	Flouring and grist mill products	Lumber, planing mill products, including sash, doors, and blinds.	Printing and publishing, newspapers and periodicals.
41	South Dakota	Flouring and grist mill products	Printing and publishing, newspapers and periodicals.	Lumber and other mill products from logs or bolts.
42	Montana	Lumber and other mill products from logs or bolts.	Printing and publishing, newspapers and periodicals.	Lumber, planing mill products, including sash, doors, and blinds.
43	North Dakota	Flouring and grist mill products	Printing and publishing, newspapers and periodicals.	Carpentering
44	Wyoming	Cars and general shop construction and repairs by steam railroad companies.	Iron and steel	Carpentering
45	New Mexico	Lumber and other mill products from logs or bolts.	Cars and general shop construction and repairs by steam railroad companies.	Flouring and grist mill products
46	Idaho	Lumber and other mill products from logs or bolts.	Flouring and grist mill products	Timber products, not manufactured at mill.
47	Nevada	Cars and general shop construction and repairs by steam railroad companies.	Chemicals	Printing and publishing, newspapers and periodicals.
48	Arizona	Lumber and other mill products from logs or bolts.	Cars and general shop construction and repairs by steam railroad companies.	Printing and publishing, newspapers and periodicals.
49	Indian territory	Flouring and grist mill products	Lumber and other mill products from logs or bolts.	Cars and general shop construction and repairs by steam railroad companies.
50	Oklahoma	Printing and publishing, newspapers and periodicals.	Blacksmithing and wheelwrighting	Lumber and other mill products from logs or bolts.
51	Alaska	Lumber and other mill products from logs or bolts.		

INDUSTRIES ACCORDING TO GROSS VALUE AND ACCORDING TO NET VALUE OF PRODUCT IN EACH TERRITORY: 1890.

SIX PRINCIPAL INDUSTRIES ACCORDING TO GROSS VALUE OF PRODUCT—continued.

Flouring and grist mill products	Tobacco, cigars and cigarettes	Clothing, women's, factory product	1
Flouring and grist mill products	Leather, tanned and curried	Iron and steel, pipe, wrought	2
Flouring and grist mill products	Iron and steel	Clothing, men's, factory product	3
Woolen goods	Carpentering	Worsted goods	4
Carpentering	Clothing, men's, factory product	Carriages and wagons, including custom work and repairing.	5
Carpentering	Slaughtering, wholesale, not including meat packing.	Liquors, malt	6
Tobacco, chewing, smoking, and snuff	Slaughtering and meat packing, wholesale	Foundry and machine shop products	7
Cars, steam railroad, not including operations of railroad companies.	Lumber, planing mill products, including sash, doors, and blinds.	Furniture, factory product	8
Leather, tanned and curried	Timber products, not manufactured at mill	Foundry and machine shop products	9
Brassware	Silk and silk goods	Carpentering	10
Foundry and machine shop products	Carriages and wagons, including custom work and repairing.	Cars and general shop construction and repairs by steam railroad companies.	11
Foundry and machine shop products	Slaughtering, wholesale, not including meat packing.	Printing and publishing, newspapers and periodicals.	12
Carpentering	Lumber, planing mill products, including sash, doors, and blinds.	Printing and publishing, newspapers and periodicals.	13
Flouring and grist mill products	Fertilizers	Tinsmithing, coppersmithing, and sheet-iron working.	14
Woolen goods	Jewelry	Dyeing and finishing textiles	15
Tobacco, chewing, smoking, and snuff	Carpentering	Foundry and machine shop products	16
Cheese, butter, and condensed milk, factory product	Carpentering	Cars and general shop construction and repairs by steam railroad companies.	17
Cars and general shop construction and repairs by steam railroad companies.	Foundry and machine shop products	Printing and publishing, newspapers and periodicals.	18
Woolen goods	Leather, tanned and curried	Flouring and grist mill products	19
Slaughtering, wholesale, not including meat packing.	Liquors, distilled	Printing and publishing, newspapers and periodicals.	20
Lumber and other mill products from logs or bolts	Iron and steel	Tobacco, cigars and cigarettes	21
Lumber and other mill products from logs or bolts	Hosiery and knit goods	Leather, tanned and curried	22
Iron and steel	Lumber, planing mill products, including sash, doors, and blinds.	Cotton goods	23
Masonry, brick and stone	Oil, cottonseed and cake	Cars and general shop construction and repairs by steam railroad companies.	24
Fertilizers	Tar and turpentine	Lumber, planing mill products, including sash, doors, and blinds.	25
Bread and other bakery products	Clothing, men's, factory product	Foundry and machine shop products	26
Coke	Foundry and machine shop products	Cotton goods	27
Slaughtering and meat packing, wholesale	Brick and tile	Cars and general shop construction and repairs by steam railroad companies.	28
Lumber, planing mill products, including sash, doors, and blinds.	Masonry, brick and stone	Carpentering	29
Masonry, brick and stone	Cars and general shop construction and repairs by steam railroad companies.	Fish, canning and preserving	30
Tobacco, chewing, smoking, and snuff	Tobacco, cigars and cigarettes	Tar and turpentine	31
Painting and paper hanging	Flouring and grist mill products	Bread and other bakery products	32
Iron and steel, nails and spikes, cut and wrought, including wire nails.	Cars, steam railroad, not including operations of railroad companies.	Petroleum, refining	33
Paper	Lumber, planing mill products, including sash, doors, and blinds.	Marble and stone work	34
Iron and steel	Iron and steel, pipe, wrought	Shipbuilding	35
Lumber and other mill products from logs or bolts	Tar and turpentine	Carpentering	36
Lumber, planing mill products, including sash, doors, and blinds.	Cars and general shop construction and repairs by steam railroad companies.	Printing and publishing, newspapers and periodicals.	37
Cars and general shop construction and repairs by steam railroad companies.	Flouring and grist mill products	Woolen goods	38
Cars and general shop construction and repairs by steam railroad companies.	Lumber, planing mill products, including sash, doors, and blinds.	Cars, steam railroad, not including operations of railroad companies.	39
Slaughtering, wholesale, not including meat packing.	Brick and tile	Plumbing and gas fitting	40
Bread and other bakery products	Oil, linseed	Brick and tile	41
Cars and general shop construction and repairs by steam railroad companies.	Flouring and grist mill products	Clothing, men's, custom work and repairing	42
Cars and general shop construction and repairs by steam railroad companies.	Blacksmithing and wheelwrighting	Tobacco, cigars and cigarettes	43
Printing and publishing, newspapers and periodicals.	Masonry, brick and stone	Flouring and grist mill products	44
Printing and publishing, newspapers and periodicals.	Foundry and machine shop products	Liquors, malt	45
Printing and publishing, newspapers and periodicals.	Blacksmithing and wheelwrighting	Tinsmithing, coppersmithing, and sheet-iron working.	46
Gas, illuminating and heating	Oil, lubricating	Blacksmithing and wheelwrighting	47
Lumber, planing mill products, including sash, doors, and blinds.	Flouring and grist mill products	Blacksmithing and wheelwrighting	48
Printing and publishing, newspapers and periodicals.	Lumber, planing mill products, including sash, doors, and blinds.	Coke	49
Saddlery and harness	Brick and tile	Tinsmithing, coppersmithing, and sheet-iron working.	50
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STATES AND TERRITORIES ARRANGED ACCORDING TO GROSS VALUE OF PRODUCTS AND 6 PRINCIPAL STATE AND

	STATES AND TERRITORIES.	SIX PRINCIPAL INDUSTRIES ACCORDING TO NET VALUE OF PRODUCT.		
1	New York	Clothing, men's, factory product	Foundry and machine shop products	Printing and publishing, newspapers and periodicals.
2	Pennsylvania	Iron and steel	Foundry and machine shop products	Printing and publishing, newspapers and periodicals.
3	Illinois	Liquors, distilled	Slaughtering and meat packing, wholesale	Foundry and machine shop products
4	Massachusetts	Boots and shoes, factory product	Cotton goods	Foundry and machine shop products
5	Ohio	Foundry and machine shop products	Iron and steel	Clothing, men's, factory product
6	New Jersey	Silk and silk goods	Foundry and machine shop products	Carpentering
7	Missouri	Liquors, malt	Carpentering	Foundry and machine shop products
8	Michigan	Lumber and other mill products from logs or bolts.	Foundry and machine shop products	Furniture, factory product
9	Wisconsin	Lumber and other mill products from logs or bolts.	Liquors, malt	Timber products, not manufactured at mill.
10	Connecticut	Foundry and machine shop products	Hardware	Cotton goods
11	Indiana	Lumber and other mill products from logs or bolts.	Foundry and machine shop products	Liquors, distilled
12	California	Printing and publishing, newspapers and periodicals.	Foundry and machine shop products	Lumber and other mill products from logs or bolts.
13	Minnesota	Flouring and grist mill products	Lumber and other mill products from logs or bolts.	Carpentering
14	Maryland	Clothing, men's, factory product	Masonry, brick and stone	Liquors, malt
15	Rhode Island	Cotton goods	Worsted goods	Foundry and machine shop products
16	Kentucky	Liquors, distilled	Tobacco, chewing, smoking, and snuff	Lumber and other mill products from logs or bolts.
17	Iowa	Lumber and other mill products from logs or bolts.	Printing and publishing, newspapers and periodicals.	Carpentering
18	Kansas	Slaughtering and meat packing, wholesale	Flouring and grist mill products	Printing and publishing, newspapers and periodicals.
19	Maine	Cotton goods	Lumber and other mill products from logs or bolts.	Boots and shoes, factory product
20	Nebraska	Liquors, distilled	Slaughtering and meat packing, wholesale	Printing and publishing, newspapers and periodicals.
21	Virginia	Tobacco, chewing, smoking, and snuff	Lumber and other mill products from logs or bolts.	Tobacco, cigars and cigarettes
22	New Hampshire	Cotton goods	Boots and shoes, factory product	Woolen goods
23	Tennessee	Lumber and other mill products from logs or bolts.	Foundry and machine shop products	Flouring and grist mill products
24	Texas	Lumber and other mill products from logs or bolts.	Printing and publishing, newspapers and periodicals.	Carpentering
25	Georgia	Cotton goods	Tar and turpentine	Lumber and other mill products from logs or bolts.
26	Louisiana	Lumber and other mill products from logs or bolts.	Sugar and molasses, refining	Liquors, malt
27	Alabama	Iron and steel	Lumber and other mill products from logs or bolts.	Foundry and machine shop products
28	Colorado	Printing and publishing, newspapers and periodicals.	Lumber, planing mill products, including sash, doors, and blinds.	Brick and tile
29	Washington	Lumber and other mill products from logs or bolts.	Timber products, not manufactured at mill.	Brick and tile
30	Oregon	Lumber and other mill products from logs or bolts.	Carpentering	Masonry, brick and stone
31	North Carolina	Cotton goods	Tobacco, chewing, smoking, and snuff	Lumber and other mill products from logs or bolts.
32	District of Columbia	Printing and publishing, book and job	Carpentering	Ordnance and ordnance stores
33	West Virginia	Lumber and other mill products from logs or bolts.	Iron and steel	Iron and steel, nails and spikes, cut and wrought, including wire nails.
34	Vermont	Lumber and other mill products from logs or bolts.	Woolen goods	Monuments and tombstones
35	Delaware	Cars, steam railroad, not including operations of railroad companies.	Foundry and machine shop products	Leather, morocco
36	South Carolina	Cotton goods	Fertilizers	Lumber and other mill products from logs or bolts.
37	Arkansas	Lumber and other mill products from logs or bolts.	Cars and general shop construction and repairs by steam railroad companies.	Oil, cottonseed and cake
38	Mississippi	Lumber and other mill products from logs or bolts.	Cars and general shop construction and repairs by steam railroad companies.	Oil, cottonseed and cake
39	Florida	Tobacco, cigars and cigarettes	Lumber and other mill products from logs or bolts.	Printing and publishing, newspapers and periodicals.
40	Utah	Printing and publishing, newspapers and periodicals.	Lumber, planing mill products, including sash, doors, and blinds.	Brick and tile
41	South Dakota	Printing and publishing, newspapers and periodicals.	Flouring and grist mill products	Lumber and other mill products from logs or bolts.
42	Montana	Lumber and other mill products from logs or bolts.	Printing and publishing, newspapers and periodicals.	Cars and general shop construction and repairs by steam railroad companies.
43	North Dakota	Flouring and grist mill products	Printing and publishing, newspapers and periodicals.	Carpentering
44	Wyoming	Cars and general shop construction and repairs by steam railroad companies.	Printing and publishing, newspapers and periodicals.	Iron and steel
45	New Mexico	Lumber and other mill products from logs or bolts.	Cars and general shop construction and repairs by steam railroad companies.	Printing and publishing, newspapers and periodicals.
46	Idaho	Lumber and other mill products from logs or bolts.	Timber products, not manufactured at mill.	Printing and publishing, newspapers and periodicals.
47	Nevada	Cars and general shop construction and repairs by steam railroad companies.	Chemicals	Printing and publishing, newspapers and periodicals.
48	Arizona	Printing and publishing, newspapers and periodicals.	Lumber and other mill products from logs or bolts.	Cars and general shop construction and repairs by steam railroad companies.
49	Indian territory	Flouring and grist mill products	Cars and general shop construction and repairs by steam railroad companies.	Printing and publishing, newspapers and periodicals.
50	Oklahoma	Printing and publishing, newspapers and periodicals.	Blacksmithing and wheelwrighting	Lumber and other mill products from logs or bolts.
51	Alaska	Lumber and other mill products from logs or bolts.		

INDUSTRIES ACCORDING TO GROSS VALUE AND ACCORDING TO NET VALUE OF PRODUCT IN EACH TERRITORY: 1890—Continued.

SIX PRINCIPAL INDUSTRIES ACCORDING TO NET VALUE OF PRODUCT—continued.			
Liquors, malt	Tobacco, cigars and cigarettes	Carpentering	1
Masonry, brick and stone	Carpentering	Cars and general shop construction and repairs by steam railroad companies.	2
Clothing, men's, factory product	Agricultural implements	Printing and publishing, newspapers and periodicals.	3
Carpentering	Woolen goods	Masonry, brick and stone	4
Carpentering	Liquors, malt	Liquors, distilled	5
Liquors, malt	Hats and caps, not including wool hats	Petroleum, refining	6
Tobacco, chewing, smoking, and snuff	Masonry, brick and stone	Printing and publishing, newspapers and periodicals.	7
Timber products, not manufactured at mill	Lumber, planing mill products, including sash, doors, and blinds.	Printing and publishing, newspapers and periodicals.	8
Foundry and machine shop products	Flouring and grist mill products	Agricultural implements	9
Brassware	Carpentering	Hats and caps, not including wool hats	10
Flouring and grist mill products	Carriages and wagons, including custom work and repairing.	Furniture, factory product	11
Clothing, men's, custom work and repairing	Carpentering	Lumber, planing mill products, including sash, doors, and blinds.	12
Masonry, brick and stone	Printing and publishing, newspapers and periodicals.	Liquors, distilled	13
Foundry and machine shop products	Fruits and vegetables, canning and preserving	Tinsmithing, coppersmithing, and sheet-iron working.	14
Jewelry	Woolen goods	Dyeing and finishing textiles	15
Carpentering	Foundry and machine shop products	Printing and publishing, newspapers and periodicals.	16
Slaughtering and meat packing, wholesale	Cars and general shop construction and repairs by steam railroad companies.	Cheese, butter, and condensed milk, factory product	17
Cars and general shop construction and repairs by steam railroad companies.	Foundry and machine shop products	Masonry, brick and stone	18
Woolen goods	Foundry and machine shop products	Shipbuilding	19
Brick and tile	Flouring and grist mill products	Cars and general shop construction and repairs by steam railroad companies.	20
Flouring and grist mill products	Carpentering	Foundry and machine shop products	21
Lumber and other mill products from logs or bolts	Hosiery and knit goods	Foundry and machine shop products	22
Lumber, planing mill products, including sash, doors, and blinds.	Printing and publishing, newspapers and periodicals.	Iron and steel	23
Masonry, brick and stone	Cars and general shop construction and repairs by steam railroad companies.	Flouring and grist mill products	24
Fertilizers	Lumber, planing mill products, including sash, doors, and blinds.	Printing and publishing, newspapers and periodicals.	25
Printing and publishing, newspapers and periodicals.	Foundry and machine shop products	Tobacco, cigars and cigarettes	26
Cars and general shop construction and repairs by steam railroad companies.	Cars, steam railroad, not including operations of railroad companies.	Cotton goods	27
Foundry and machine shop products	Cars and general shop construction and repairs by steam railroad companies.	Liquors, malt	28
Printing and publishing, newspapers and periodicals.	Lumber, planing mill products, including sash, doors, and blinds.	Foundry and machine shop products	29
Cars and general shop construction and repairs by steam railroad companies.	Printing and publishing, newspapers and periodicals.	Flouring and grist mill products	30
Tobacco, cigars and cigarettes	Flouring and grist mill products	Tar and turpentine	31
Painting and paper hanging	Printing and publishing, newspapers and periodicals.	Engraving, steel, including plate printing	32
Tobacco, chewing, smoking, and snuff	Cars, steam railroad, not including operations of railroad companies.	Flouring and grist mill products	33
Paper	Marble and stone work	Foundry and machine shop products	34
Shipbuilding	Iron and steel	Tobacco, chewing, smoking, and snuff	35
Tar and turpentine	Carpentering	Printing and publishing, newspapers and periodicals.	36
Printing and publishing, newspapers and periodicals.	Lumber, planing mill products, including sash, doors, and blinds.	Flouring and grist mill products	37
Cotton goods	Woolen goods	Carpentering	38
Cars and general shop construction and repairs by steam railroad companies.	Lumber, planing mill products, including sash, doors, and blinds.	Tar and turpentine	39
Flouring and grist mill products	Plumbing and gas fitting	Woolen goods	40
Brick and tile	Blacksmithing and wheelwrighting	Bread and other bakery products	41
Lumber, planing mill products, including sash, doors, and blinds.	Brick and tile	Clothing, men's, custom work and repairing	42
Cars and general shop construction and repairs by steam railroad companies.	Blacksmithing and wheelwrighting	Tobacco, cigars and cigarettes	43
Carpentering	Masonry, brick and stone	Lumber and other mill products from logs or bolts	44
Flouring and grist mill products	Gas, illuminating and heating	Foundry and machine shop products	45
Flouring and grist mill products	Blacksmithing and wheelwrighting	Tinsmithing, coppersmithing, and sheet-iron working.	46
Gas, illuminating and heating	Liquors, malt	Blacksmithing and wheelwrighting	47
Lumber, planing mill products, including sash, doors, and blinds.	Blacksmithing and wheelwrighting	Flouring and grist mill products	48
Lumber and other mill products from logs or bolts	Coke	Lumber, planing mill products, including sash, doors, and blinds.	49
Brick and tile	Saddlery and harness	Tinsmithing, coppersmithing, and sheet-iron working.	50
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AVERAGE CAPITAL, NUMBER OF EMPLOYÉS, AND GROSS AND NET VALUE OF PRODUCT PER ESTABLISHMENT; STATES AND

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.		AVERAGE NUMBER OF EMPLOYÉS.		
			Total.	Per establishment.	For all establishments.	Per establishment.	
						Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.
1	The United States	355,415	$6,525,156,486	$18,359	4,712,622	13	12
2	Alabama	2,977	46,122,571	15,493	33,821	11	10
3	Alaska	10	105,727	10,573	86	9	8
4	Arizona	76	616,629	8,114	528	7	6
5	Arkansas	2,073	14,971,614	7,222	15,972	8	7
6	California	7,923	146,797,102	18,528	83,642	11	9
7	Colorado	1,518	26,651,840	17,557	17,067	11	10
8	Connecticut	6,822	227,004,496	33,275	149,939	22	21
9	Delaware	1,063	33,695,490	33,595	21,906	22	20
10	District of Columbia	2,295	28,865,089	12,577	23,404	10	9
11	Florida	805	11,110,304	13,802	13,927	17	16
12	Georgia	4,285	56,921,580	13,284	56,383	13	12
13	Idaho	140	1,048,916	7,492	774	6	5
14	Illinois	20,482	502,004,512	24,510	312,198	15	14
15	Indiana	12,354	131,605,366	10,653	124,349	10	9
16	Indian territory	20	204,329	10,216	175	9	8
17	Iowa	7,440	77,513,097	10,418	59,174	8	7
18	Kansas	4,471	43,926,002	9,825	32,843	7	6
19	Kentucky	7,745	79,811,980	10,305	65,579	8	7
20	Louisiana	2,613	34,754,121	13,300	31,961	12	11
21	Maine	5,010	80,419,899	16,052	75,780	15	14
22	Maryland	7,485	119,667,316	15,988	107,054	14	13
23	Massachusetts	26,923	630,932,341	23,401	485,182	18	17
24	Michigan	12,127	262,412,240	21,639	163,941	14	12
25	Minnesota	7,505	127,686,618	17,014	79,929	11	9
26	Mississippi	1,698	14,896,884	8,773	15,817	9	9
27	Missouri	14,952	189,558,546	13,490	143,139	10	9
28	Montana	289	4,293,794	14,857	2,696	9	8
29	Nebraska	3,014	37,569,508	12,465	23,876	8	7
30	Nevada	95	1,211,269	12,750	920	7	6
31	New Hampshire	3,229	79,375,160	24,582	63,361	20	19
32	New Jersey	9,225	250,805,745	27,188	187,398	20	19
33	New Mexico	127	965,938	7,606	944	7	7
34	New York	65,840	1,130,161,195	17,165	850,084	13	11
35	North Carolina	3,667	32,745,995	8,930	36,214	10	9
36	North Dakota	382	2,894,553	7,577	1,847	5	4
37	Ohio	28,673	402,793,019	14,048	331,548	12	10
38	Oklahoma	72	95,519	1,327	195	3	2
39	Oregon	1,523	32,122,051	21,091	18,798	12	11
40	Pennsylvania	39,339	991,243,115	25,197	620,562	16	14
41	Rhode Island	3,377	126,483,401	37,454	85,976	25	24
42	South Carolina	2,382	29,276,261	12,291	24,662	10	10
43	South Dakota	499	3,207,796	6,428	2,422	5	4
44	Tennessee	4,559	51,475,092	11,291	42,759	9	8
45	Texas	5,268	46,815,181	8,887	39,475	7	7
46	Utah	531	6,583,022	12,397	4,980	9	8
47	Vermont	3,031	32,763,291	10,809	24,894	8	7
48	Virginia	5,915	63,456,799	10,728	59,591	10	9
49	Washington	1,543	34,369,735	22,275	20,366	13	12
50	West Virginia	2,376	28,118,030	11,834	21,969	9	8
51	Wisconsin	10,417	246,515,404	23,665	132,031	13	12
52	Wyoming	190	1,411,184	7,427	1,144	6	5

a In obtaining "Net product", miscellaneous expenses are not considered; for this and other reasons given in the text, the difference between the average value of product per employé and average annual earnings can not be considered as profit.

ALSO AVERAGE GROSS AND NET VALUE OF PRODUCT AND AVERAGE ANNUAL EARNINGS PER EMPLOYÉ, BY TERRITORIES: 1890.

GROSS VALUE OF PRODUCT.				NET VALUE OF PRODUCT. (a)				Average annual earnings per employé, excluding officers, firm members, and clerks. (a)	
Total.	Per establishment.	Per employé.		Total.	Per establishment.	Per employé. (a)			
		Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.			Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.		
$9,372,437,283	$26,370	$1,989	$2,204	$4,210,393,207	$11,846	$893	$990	$445	1
51,226,605	17,207	1,515	1,645	22,794,324	7,657	674	732	347	2
58,440	5,844	680	749	28,242	2,824	328	362	239	3
947,547	12,468	1,795	2,069	593,733	7,812	1,124	1,296	660	4
22,659,179	16,931	1,419	1,602	10,261,918	4,950	642	726	329	5
213,403,996	26,935	2,551	2,936	93,160,313	11,758	1,114	1,282	566	6
42,480,205	27,984	2,489	2,829	21,631,689	14,250	1,267	1,441	657	7
248,336,364	36,402	1,656	1,767	125,153,284	18,340	835	891	473	8
37,571,848	37,459	1,715	1,835	16,410,096	16,361	749	801	421	9
39,331,437	17,138	1,681	1,927	22,136,771	9,646	946	1,085	601	10
18,222,890	22,637	1,308	1,389	10,201,036	12,672	732	778	451	11
68,917,020	16,083	1,222	1,318	33,142,540	7,735	588	634	280	12
1,396,096	9,972	1,804	2,093	757,423	5,410	979	1,136	384	13
908,040,280	44,363	2,910	3,243	379,621,191	18,534	1,216	1,355	510	14
226,825,082	18,360	1,824	2,051	96,705,976	7,828	778	874	385	15
248,932	12,447	1,422	1,491	121,068	6,053	692	725	438	16
125,049,183	16,808	2,113	2,450	45,756,776	6,150	773	897	400	17
110,219,805	24,652	3,356	3,903	31,374,638	7,017	955	1,111	471	18
126,719,857	16,362	1,932	2,241	63,042,274	8,140	961	1,115	377	19
57,806,713	22,123	1,812	2,037	24,523,989	9,385	769	864	357	20
95,689,500	19,100	1,263	1,360	44,168,911	8,816	583	628	326	21
171,842,593	22,950	1,605	1,757	19,783,203	10,659	745	816	352	22
888,160,403	32,089	1,831	1,986	414,960,969	15,413	855	928	460	23
277,896,706	22,916	1,695	1,869	123,374,788	10,174	753	830	370	24
192,033,478	25,587	2,412	2,752	73,551,537	9,800	924	1,054	435	25
18,705,834	11,016	1,183	1,293	8,640,937	5,089	546	597	290	26
324,561,993	23,097	2,267	2,613	146,979,611	10,460	1,027	1,183	480	27
5,507,573	19,057	2,043	2,308	3,132,480	10,839	1,162	1,313	603	28
93,037,794	30,869	3,897	4,550	25,703,262	8,528	1,077	1,257	502	29
1,105,063	11,632	1,782	1,980	666,005	7,011	1,074	1,194	675	30
85,770,549	26,563	1,354	1,427	38,016,397	11,773	600	632	365	31
354,573,571	38,436	1,892	2,040	165,207,831	17,909	882	951	477	32
1,516,195	11,939	1,606	1,786	824,775	6,494	874	971	554	33
1,711,577,671	25,996	2,013	2,276	840,313,586	12,763	989	1,117	492	34
40,375,450	11,010	1,115	1,201	17,586,263	4,796	486	523	195	35
5,028,107	13,163	2,722	3,354	1,940,946	5,081	1,051	1,295	566	36
641,688,064	22,380	1,935	2,190	300,671,600	10,485	907	1,026	438	37
180,445	2,506	925	1,228	123,927	1,721	636	843	356	38
41,452,174	27,204	2,204	2,472	19,638,506	12,895	1,045	1,172	570	39
1,331,794,901	33,854	2,146	2,335	558,060,264	14,186	899	978	462	40
142,500,625	42,197	1,657	1,757	66,247,602	19,617	771	817	410	41
31,926,681	13,403	1,295	1,403	13,053,015	5,480	529	574	241	42
5,682,748	11,388	2,346	2,826	2,158,908	4,226	891	1,074	414	43
72,355,286	15,871	1,692	1,930	31,891,504	6,995	746	851	362	44
70,433,551	13,370	1,784	2,024	34,281,243	6,507	868	985	435	45
8,911,047	16,782	1,789	2,049	4,659,017	8,774	936	1,071	504	46
38,340,066	12,649	1,540	1,733	17,906,892	5,908	719	810	381	47
88,363,824	14,939	1,483	1,650	38,215,539	6,461	641	713	295	48
41,768,022	27,069	2,051	2,236	21,850,965	14,161	1,073	1,170	590	49
38,702,125	16,289	1,762	2,001	14,973,036	6,302	682	774	357	50
248,546,164	23,860	1,882	2,071	103,109,148	9,898	781	859	358	51
2,367,601	12,461	2,070	2,317	1,283,169	6,754	1,122	1,256	770	52

AVERAGE CAPITAL, NUMBER OF EMPLOYÉS, AND GROSS AND NET VALUE OF PRODUCT PER ESTABLISHMENT; SPECIFIED

	INDUSTRIES.	Number of establishments reporting.	CAPITAL.	
			Value.	Average per establishment.
1	All industries	355,415	$6,525,156,486	$18,359
2	Agricultural implements	910	145,313,997	159,686
3	Ammunition	35	4,368,529	124,815
4	Artificial feathers and flowers	251	3,081,828	12,278
5	Artificial limbs	59	186,896	3,168
6	Artists' materials	39	361,460	9,268
7	Awnings, tents, and sails	581	3,063,009	5,272
8	Axle grease	31	451,228	14,556
9	Babbitt metal and solder	36	954,654	26,518
10	Bagging, flax, hemp, and jute	16	3,332,102	208,256
11	Bags, other than paper	64	6,015,685	93,995
12	Bags, paper	56	2,321,797	41,461
13	Baking and yeast powders	150	3,587,909	23,919
14	Baskets and rattan and willow ware	403	2,702,713	6,706
15	Bellows	17	146,044	8,591
16	Bells	22	590,420	26,837
17	Belting and hose, leather	93	4,973,420	53,478
18	Belting and hose, linen	9	795,909	88,434
19	Belting and hose, rubber	17	5,270,068	310,004
20	Bicycle and tricycle repairing	83	172,070	2,073
21	Bicycles and tricycles	27	2,058,072	76,225
22	Billiard tables and materials	57	1,456,624	25,555
23	Blacking	71	1,403,087	19,762
24	Blacksmithing and wheelwrighting	28,000	34,500,139	1,232
25	Bluing	53	184,472	3,481
26	Bone, ivory, and lamp black	24	1,627,651	67,819
27	Bookbinding and blank-book making	805	10,062,034	12,499
28	Boot and shoe cut stock	344	5,401,834	15,703
29	Boot and shoe findings	138	1,793,123	12,994
30	Boot and shoe uppers	317	1,216,026	3,836
31	Boots and shoes, custom work and repairing	20,803	14,230,081	684
32	Boots and shoes, factory product	2,082	95,282,311	45,765
33	Boots and shoes, rubber	11	17,790,970	1,617,361
34	Bottling	716	5,656,705	7,900
35	Boxes, cigar	291	3,374,451	11,596
36	Boxes, fancy and paper	588	9,277,973	15,779
37	Boxes, wooden packing	636	13,018,456	20,469
38	Brass	14	1,208,619	86,330
39	Brass and copper, rolled	16	8,041,593	502,600
40	Brass castings and brass finishing	453	18,663,286	41,199
41	Brassware	113	10,866,601	96,159
42	Bread and other bakery products	10,484	45,758,489	4,365
43	Brick and tile	5,828	82,578,566	14,169
44	Bridges	137	10,960,218	80,002
45	Bronze castings	14	710,196	50,728
46	Brooms and brushes	1,235	7,743,832	6,270
47	Buttons	106	3,089,265	29,144
48	Calcium lights	15	73,402	4,893
49	Cardboard	5	616,548	123,310
50	Card cutting and designing	26	89,584	3,446
51	Carpentering	16,917	81,542,845	4,820
52	Carpets and rugs, other than rag	173	38,208,842	220,860
53	Carpets, rag	854	975,381	1,142
54	Carpets, wood	6	333,000	55,500
55	Carriage and wagon materials	539	13,028,161	24,171
56	Carriages and sleds, children's	87	3,158,412	36,304
57	Carriages and wagons, including custom work and repairing	8,614	104,210,602	12,098
58	Cars and general shop construction and repairs by steam railroad companies	716	76,192,477	106,414
59	Cars and general shop construction and repairs by street railroad companies	78	2,351,162	30,143
60	Cars, steam railroad, not including operations of railroad companies	71	43,641,210	614,665
61	Cars, street railroad, not including operations of railroad companies	17	2,468,315	145,195
62	Celluloid and celluloid goods	12	3,158,487	263,207
63	Cheese and butter, urban dairy product	160	607,590	3,797
64	Cheese, butter, and condensed milk, factory product	4,552	16,016,573	3,519
65	Chemicals	563	55,032,452	97,749
66	China, decorating	78	499,647	6,406
67	Chocolate and cocoa products	11	2,630,067	239,097
68	Cigar molds	7	210,083	30,012
69	Clay and pottery products	707	26,127,104	36,955
70	Cleansing and polishing preparations	56	304,160	5,431
71	Clock cases and materials	4	43,863	10,966
72	Clocks	27	5,727,202	212,119
73	Cloth, sponging and refinishing	23	229,335	9,971
74	Clothing, horse	31	1,028,523	33,178
75	Clothing, men's, custom work and repairing	13,591	54,109,273	3,981
76	Clothing, men's, factory product	4,867	128,253,547	26,352

a In obtaining "Net product", miscellaneous expenses are not considered; for this and other reasons given in the text, the difference between the average value of product per employé and average annual earnings can not be considered as profit.

ALSO AVERAGE GROSS AND NET VALUE OF PRODUCT AND AVERAGE ANNUAL EARNINGS PER EMPLOYÉ, BY INDUSTRIES: 1890.

AVERAGE NUMBER OF EMPLOYÉS.			GROSS VALUE OF PRODUCT.				NET VALUE OF PRODUCT. (a)				Average annual earnings per employé, excluding officers, firm members, and clerks. (a)	
Total.	Average number per establishment.		Total.	Average per establishment.	Average value per employé.		Total.	Average per establishment.	Average value per employé. (a)			
	Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.			Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.			Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.		
4,712,622	13	12	$9,372,437,283	$26,370	$1,989	$2,204	$4,210,393,207	$11,846	$893	$990	$445	1
42,544	47	43	81,271,651	89,310	1,910	2,093	49,668,386	54,581	1,167	1,279	466	2
2,267	65	62	6,538,959	186,827	2,884	3,030	3,779,177	107,976	1,667	1,751	449	3
6,835	27	25	9,078,683	36,170	1,328	1,428	4,432,833	17,661	649	697	334	4
250	4	3	475,977	8,067	1,904	2,938	382,182	6,478	1,529	2,359	632	5
306	8	6	531,785	13,636	1,738	2,197	340,935	8,742	1,114	1,409	422	6
3,872	7	5	7,829,003	13,475	2,022	2,497	3,678,823	6,332	950	1,173	505	7
194	6	4	846,459	27,305	4,363	6,718	444,562	14,341	2,292	3,528	489	8
261	7	5	2,905,102	80,697	11,131	16,792	519,208	14,422	1,989	3,001	487	9
8,149	197	194	3,852,440	240,778	1,223	1,240	1,331,445	83,215	423	429	273	10
3,769	59	55	16,355,365	255,553	4,339	4,639	3,698,095	57,783	981	1,049	341	11
1,382	25	21	5,023,793	89,711	3,635	4,186	1,856,076	33,144	1,343	1,547	333	12
1,867	12	10	7,406,806	49,379	3,967	5,140	3,133,010	20,887	1,678	2,174	399	13
3,732	9	8	3,633,592	9,016	974	1,100	2,235,109	5,546	599	677	604	14
101	6	5	249,374	14,669	2,469	3,117	125,229	7,366	1,240	1,565	572	15
430	20	17	823,010	37,410	1,914	2,212	433,309	19,696	1,008	1,165	521	16
1,621	17	14	8,633,634	92,835	5,326	6,433	2,500,930	26,892	1,543	1,864	582	17
292	32	30	777,942	86,438	2,664	2,850	350,077	38,897	1,199	1,282	452	18
1,945	114	108	5,512,840	324,285	2,834	3,004	2,033,302	119,606	1,045	1,108	481	19
306	4	3	301,709	3,635	986	1,423	234,377	2,824	766	1,106	482	20
1,925	71	67	2,568,326	95,123	1,334	1,429	1,849,478	68,499	961	1,029	546	21
1,157	20	18	2,823,278	49,631	2,440	2,776	1,527,336	26,795	1,320	1,502	693	22
1,039	15	12	2,900,402	40,851	2,792	3,486	1,416,199	19,946	1,363	1,702	398	23
50,867	2	1	54,304,639	1,939	1,068	2,046	39,959,543	1,416	780	1,494	569	24
232	4	3	457,251	8,627	1,971	2,950	270,663	5,107	1,167	1,746	307	25
385	16	13	1,031,030	42,960	2,678	3,192	545,163	22,715	1,416	1,688	471	26
13,815	17	15	17,067,780	21,262	1,235	1,368	11,060,363	13,740	801	887	442	27
5,503	16	15	17,903,846	52,046	3,253	3,587	4,159,191	12,091	756	833	379	28
2,283	17	15	3,459,328	25,068	1,515	1,662	1,494,155	10,827	654	718	286	29
1,708	5	4	3,346,002	10,555	1,959	2,473	1,443,076	4,552	845	1,067	450	30
35,448	2	1	34,856,651	1,676	983	2,053	24,453,268	1,175	690	1,440	437	31
139,333	67	64	220,649,358	165,980	1,584	1,650	101,863,527	48,926	731	762	454	32
9,264	842	830	18,632,060	1,693,824	2,011	2,040	6,981,273	634,661	754	764	417	33
3,929	5	4	13,583,418	18,971	3,457	4,462	5,646,417	7,886	1,437	1,855	497	34
5,537	19	18	7,091,948	24,371	1,281	1,384	3,524,628	12,112	637	688	352	35
19,954	34	32	18,805,330	31,982	942	992	10,911,389	18,557	547	576	308	36
13,922	22	20	25,513,180	40,115	1,833	1,962	11,268,677	17,718	809	866	432	37
819	59	56	2,549,860	182,133	3,113	3,269	784,255	56,018	958	1,005	514	38
2,801	175	169	8,381,472	523,842	2,992	3,107	2,888,241	180,515	1,031	1,071	512	39
11,903	26	24	24,344,434	53,740	2,045	2,225	12,094,827	26,699	1,016	1,105	526	40
7,518	67	63	13,615,172	120,488	1,811	1,902	6,525,970	57,752	868	912	497	41
52,762	5	4	128,421,535	12,249	2,434	3,366	55,913,956	5,333	1,060	1,440	492	42
109,151	19	18	67,770,695	11,628	621	651	55,131,098	9,460	505	529	285	43
8,921	65	61	21,868,068	159,621	2,451	2,609	9,097,922	66,408	1,020	1,085	591	44
311	22	19	1,165,163	83,226	3,747	4,299	469,678	33,548	1,510	1,733	722	45
10,984	9	8	14,156,383	11,463	1,289	1,481	7,255,830	5,875	661	759	345	46
4,036	38	36	4,216,795	39,781	1,045	1,101	2,665,192	25,143	660	696	368	47
97	6	5	110,062	7,337	1,135	1,376	75,014	5,001	773	938	427	48
223	45	41	1,070,805	214,161	4,862	5,198	369,041	73,808	1,655	1,791	509	49
214	8	7	243,079	9,349	1,136	1,350	154,884	5,957	724	860	425	50
140,021	8	7	281,195,162	16,622	2,008	2,287	143,348,160	8,474	1,024	1,166	645	51
29,121	168	166	47,770,193	276,128	1,640	1,662	19,125,288	110,551	657	666	387	52
1,764	2	1	1,714,480	2,008	972	1,746	988,061	1,157	560	1,006	316	53
328	55	52	511,700	85,283	1,560	1,656	300,886	50,148	917	974	443	54
10,928	20	19	16,262,293	30,171	1,488	1,627	8,874,389	16,465	812	888	437	55
2,936	34	31	4,094,255	47,060	1,395	1,502	2,193,348	25,211	747	805	424	56
73,453	9	7	114,551,907	13,298	1,560	1,783	64,662,734	7,507	880	1,006	508	57
108,585	152	149	129,461,698	180,812	1,192	1,214	62,900,172	87,849	579	590	565	58
2,034	26	26	2,966,347	38,030	1,458	1,477	1,811,507	23,224	891	902	702	59
32,062	452	442	70,083,737	987,095	2,186	2,235	25,409,251	357,877	793	810	513	60
1,833	108	105	3,362,115	194,242	1,801	1,850	1,662,880	94,287	874	898	611	61
1,023	85	78	2,575,736	214,645	2,518	2,743	1,719,556	143,296	1,681	1,831	476	62
552	3	2	2,950,338	12,815	3,714	5,367	505,065	3,157	915	1,322	454	63
14,369	3	3	60,635,705	13,321	4,220	4,962	10,816,404	2,376	753	885	348	64
16,952	30	27	59,352,548	105,422	3,501	3,947	25,657,621	45,573	1,514	1,706	486	65
467	6	5	847,555	10,866	1,815	2,401	482,777	6,189	1,034	1,368	461	66
963	88	81	4,221,675	383,789	4,384	4,728	1,329,456	120,860	1,381	1,489	511	67
142	20	18	211,000	30,143	1,486	1,702	140,940	20,134	993	1,137	404	68
20,296	29	27	22,057,090	31,198	1,087	1,162	16,438,689	23,251	810	866	467	69
390	7	5	865,904	15,463	2,220	2,877	483,784	8,639	1,240	1,607	340	70
32	8	7	44,038	11,010	1,376	1,519	32,314	8,079	1,010	1,114	601	71
3,585	133	129	4,228,846	156,624	1,180	1,211	2,771,068	102,632	773	794	518	72
396	17	15	399,814	17,383	1,010	1,129	365,682	15,899	923	1,023	567	73
952	31	28	1,572,265	50,718	1,652	1,785	794,695	25,635	835	902	271	74
86,143	6	5	126,219,151	9,287	1,465	1,773	75,724,514	5,572	879	1,064	509	75
156,341	32	30	251,019,609	51,576	1,606	1,732	122,172,752	25,102	781	843	352	76

AVERAGE CAPITAL, NUMBER OF EMPLOYÉS, AND GROSS AND NET VALUE OF PRODUCT PER

	INDUSTRIES.	Number of establishments reporting.	CAPITAL.	
			Value.	Average per establishment.
1	Clothing, men's, factory product, buttonholes	200	$190,118	$951
2	Clothing, women's, dressmaking	19,587	12,883,080	658
3	Clothing, women's, factory product	1,224	21,259,528	17,369
4	Coffee and spice, roasting and grinding	358	16,996,009	47,475
5	Coffins and burial cases, trimming and finishing	1,368	6,016,385	4,398
6	Coffins, burial cases, and undertakers' goods	194	11,097,736	57,205
7	Coke	218	17,462,729	80,103
8	Collars and cuffs, paper	3	237,764	79,255
9	Combs	31	742,200	23,942
10	Confectionery	2,921	23,326,799	7,986
11	Cooperage	2,652	17,806,554	6,714
12	Cordage and twine	150	23,351,883	155,679
13	Cordials and sirups	40	783,567	19,589
14	Cork, cutting	65	1,869,360	28,759
15	Corsets	205	6,640,056	32,391
16	Cotton, cleaning and rehandling	13	116,210	8,939
17	Cotton, compressing	52	7,864,373	151,238
18	Cotton, ginning	1,637	3,221,987	1,968
19	Cotton goods	905	354,020,843	391,183
20	Cotton ties	3	22,475	7,492
21	Cotton waste	31	711,956	22,966
22	Crucibles	10	908,152	90,815
23	Cutlery and edge tools	474	12,082,638	25,491
24	Dentistry, mechanical	3,214	4,019,637	1,251
25	Dentists' materials	24	2,908,113	121,171
26	Druggists' preparations, not including prescriptions	1,805	4,624,814	2,562
27	Drug grinding	13	337,885	25,991
28	Dyeing and cleaning	976	3,041,178	3,116
29	Dyeing and finishing textiles	248	38,450,800	155,044
30	Dye stuffs and extracts	62	8,645,458	139,443
31	Electrical apparatus and supplies	189	18,397,337	100,515
32	Electric light and power	144	33,838,549	234,990
33	Electroplating	313	2,051,134	6,553
34	Emery wheels	17	823,059	48,415
35	Enameled goods	19	350,798	18,463
36	Enameling	27	71,917	2,664
37	Engravers' materials	16	139,920	8,745
38	Engraving and diesinking	382	794,554	2,080
39	Engraving, steel, including plate printing	134	2,924,125	21,822
40	Engraving, wood	285	480,960	1,688
41	Envelopes	41	3,218,466	78,499
42	Fancy articles, not elsewhere specified	377	2,380,317	6,330
43	Felt goods	34	4,460,621	131,195
44	Fertilizers	390	40,594,168	104,088
45	Files	140	2,991,988	21,371
46	Firearms	34	4,672,424	137,424
47	Fire extinguishers, chemical	9	405,733	45,081
48	Fireworks	22	507,266	23,058
49	Fish, canning and preserving	110	3,186,975	28,973
50	Flags and banners	29	376,130	12,970
51	Flavoring extracts	148	1,361,800	9,201
52	Flax, dressed	6	1,361,635	226,939
53	Flouring and grist mill products	18,470	208,473,500	11,287
54	Food preparations	302	6,715,535	22,237
55	Foundry and machine shop products	6,475	382,798,337	59,119
56	Foundry supplies	21	679,817	32,372
57	Fruit jar trimmings	5	1,025,697	205,139
58	Fruits and vegetables, canning and preserving	886	15,315,185	17,286
59	Fur goods	484	11,115,840	22,967
60	Furnishing goods, men's	586	12,299,011	20,988
61	Furniture, cabinetmaking, repairing and upholstering	4,054	12,861,208	3,172
62	Furniture, chairs	340	14,387,075	42,315
63	Furniture, factory product	1,579	66,393,864	42,048
64	Furs, dressed	26	266,921	10,266
65	Galvanizing	27	1,301,973	48,221
66	Gas and lamp fixtures	108	7,218,964	66,842
67	Gas, illuminating and heating	742	258,771,795	348,749
68	Gas machines and meters	38	1,603,426	42,195
69	Gas stoves	24	1,199,528	49,980
70	Glass	294	40,966,850	139,343
71	Glass, cutting, staining, and ornamenting	279	2,504,089	8,975
72	Gloves and mittens	324	5,977,820	18,450
73	Glucose	7	5,991,023	855,860
74	Glue	62	4,859,266	78,375
75	Gold and silver, leaf and foil	81	1,105,198	13,644
76	Gold and silver, reducing and refining, not from the ore	38	4,763,397	125,353
77	Graphite	3	38,614	12,871
78	Grease and tallow	233	4,336,193	18,610
79	Grindstones	9	78,750	8,750
80	Gunpowder	37	9,609,975	259,729

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ESTABLISHMENT; ALSO AVERAGE GROSS AND NET VALUE OF PRODUCT, ETC.—Continued.

AVERAGE NUMBER OF EMPLOYÉS.			GROSS VALUE OF PRODUCT.				NET VALUE OF PRODUCT.					
Total.	Average number per establishment.		Total.	Average per establishment.	Average value per employé.		Total.	Average per establishment.	Average value per employé.		Average annual earnings per employé, excluding officers, firm members and clerks.	
	Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.			Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.			Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.		
1,373	7	6	$784,055	$3,920	$571	$673	$699,888	$3,499	$510	$601	$337	1
67,598	3	2	57,071,732	2,914	844	1,174	33,677,903	1,719	498	693	270	2
42,008	34	32	68,164,019	53,690	1,623	1,741	33,886,800	27,685	807	866	394	3
5,122	14	11	75,042,010	209,615	14,651	19,926	9,080,545	25,365	1,773	2,411	482	4
3,234	2	1	7,783,140	5,689	2,407	4,262	4,126,281	3,016	1,276	2,260	518	5
6,424	33	30	12,230,554	63,044	1,904	2,127	6,683,472	34,451	1,040	1,162	494	6
9,159	42	41	16,498,345	75,680	1,801	1,834	4,988,608	22,884	545	554	453	7
91	30	27	301,093	100,364	3,309	3,672	78,016	26,005	857	951	428	8
807	26	24	1,020,835	32,930	1,265	1,376	676,715	21,830	839	912	492	9
27,211	9	7	55,997,101	19,171	2,058	2,578	24,880,472	8,518	914	1,145	358	10
24,652	9	9	38,617,956	14,562	1,567	1,712	17,981,045	6,780	729	797	446	11
12,799	85	83	33,312,559	222,084	2,603	2,690	9,260,893	61,739	724	748	321	12
387	10	7	1,903,200	47,580	4,918	6,773	672,059	16,801	1,737	2,392	395	13
2,138	33	31	2,840,359	43,698	1,329	1,407	1,338,457	20,592	626	663	315	14
11,370	55	53	12,401,575	60,495	1,091	1,135	6,739,435	32,875	593	617	321	15
210	16	15	525,595	40,430	2,503	2,682	110,590	8,507	527	564	221	16
3,000	58	54	2,624,027	50,462	875	942	2,369,718	45,572	790	851	374	17
7,660	5	4	2,367,450	1,446	309	342	1,824,969	1,115	238	264	94	18
221,585	245	242	267,981,724	296,112	1,209	1,224	113,068,745	124,938	510	517	302	19
18	6	5	11,950	3,983	664	797	5,970	1,990	332	398	153	20
329	11	9	1,906,622	61,504	5,795	6,834	314,581	10,148	956	1,128	369	21
254	25	23	726,708	72,671	2,861	3,160	330,412	33,041	1,301	1,437	479	22
9,487	20	18	11,110,614	23,440	1,171	1,276	7,645,490	16,130	806	878	482	23
4,737	1	(a)	7,864,299	2,447	1,660	5,292	6,389,044	1,988	1,349	4,299	517	24
1,214	51	42	2,594,888	108,120	2,137	2,567	1,601,033	66,710	1,319	1,584	537	25
3,940	2	1	6,659,797	3,690	1,690	3,279	4,247,946	2,353	1,078	2,092	413	26
173	13	11	436,766	33,597	2,525	2,951	244,445	18,803	1,413	1,652	505	27
5,189	5	4	5,267,819	5,397	1,015	1,320	4,164,263	4,267	803	1,043	430	28
20,267	82	79	28,900,560	116,535	1,426	1,474	16,515,340	66,594	815	843	455	29
2,302	37	34	9,292,514	149,879	4,037	4,402	2,791,586	45,026	1,213	1,322	492	30
9,485	50	47	19,114,714	101,136	2,015	2,172	10,295,216	54,472	1,085	1,170	513	31
2,004	14	12	4,783,224	33,217	2,387	2,666	3,627,435	25,191	1,810	2,022	716	32
2,162	7	6	3,121,642	9,973	1,444	1,769	2,073,585	6,625	959	1,175	505	33
292	17	14	726,425	42,731	2,488	2,965	539,846	31,756	1,849	2,203	552	34
391	21	19	444,942	23,418	1,138	1,257	326,283	17,173	834	922	422	35
187	7	6	181,942	6,739	973	1,181	128,943	4,776	690	837	484	36
161	10	9	203,764	12,735	1,266	1,466	141,779	8,861	881	1,020	550	37
1,635	4	3	2,187,157	5,726	1,338	1,873	1,752,651	4,588	1,072	1,501	596	38
2,560	19	17	3,347,804	24,984	1,308	1,458	2,605,039	19,441	1,018	1,135	687	39
1,286	5	3	1,555,418	5,458	1,210	1,646	1,397,762	4,904	1,087	1,479	635	40
2,501	61	57	4,855,680	118,431	1,941	2,088	2,324,887	56,705	930	1,000	349	41
3,954	10	9	4,810,450	12,760	1,217	1,417	2,965,894	7,867	750	873	364	42
2,266	67	63	4,654,768	136,905	2,054	2,173	1,844,831	54,260	814	861	412	43
10,158	26	23	39,180,844	100,464	3,857	4,341	14,066,970	36,069	1,385	1,558	379	44
2,666	19	17	3,179,649	22,712	1,193	1,306	2,140,706	15,291	803	879	500	45
2,759	81	78	2,922,514	85,956	1,059	1,099	2,436,568	71,664	883	916	592	46
82	9	6	195,834	21,759	2,388	3,497	138,098	15,344	1,684	2,466	457	47
557	25	24	592,542	26,934	1,064	1,144	403,604	18,346	725	779	319	48
5,202	47	46	6,972,268	63,384	1,340	1,389	2,261,559	20,560	435	451	225	49
364	13	11	455,849	15,719	1,252	1,420	260,262	8,975	715	811	300	50
769	5	3	2,614,514	17,666	3,400	5,157	1,184,394	8,003	1,540	2,336	412	51
517	86	83	981,283	163,547	1,898	1,974	342,998	57,166	663	690	400	52
63,481	3	3	513,971,474	27,827	8,096	10,843	79,819,184	4,322	1,257	1,684	383	53
4,152	14	12	14,105,485	46,707	3,397	4,056	5,975,560	19,787	1,439	1,718	352	54
247,754	38	36	412,701,872	63,738	1,666	1,785	241,556,716	37,306	975	1,045	559	55
212	10	8	672,440	32,021	3,172	4,125	314,566	14,979	1,484	1,930	562	56
552	110	107	802,237	160,447	1,453	1,505	526,493	105,299	954	988	244	57
50,881	57	56	29,862,416	33,705	587	600	11,197,253	12,638	220	225	93	58
8,075	17	14	20,526,988	42,411	2,542	2,955	8,784,480	18,150	1,088	1,204	501	59
22,211	38	35	29,870,946	50,974	1,345	1,438	14,590,374	24,898	657	702	293	60
14,721	4	3	23,884,252	5,892	1,622	2,228	14,127,192	3,485	960	1,318	536	61
13,837	41	38	16,866,358	49,607	1,219	1,291	10,294,059	30,277	744	788	385	62
63,946	40	38	94,876,722	60,087	1,484	1,587	56,080,251	35,516	877	938	502	63
437	17	15	651,296	25,050	1,490	1,628	448,097	17,235	1,025	1,120	597	64
846	31	28	2,957,143	109,524	3,495	3,886	1,016,431	37,646	1,201	1,336	476	65
5,530	51	46	7,825,672	72,460	1,415	1,561	5,617,548	52,014	1,016	1,120	574	66
14,860	20	18	56,987,290	76,802	3,835	4,385	42,950,203	57,884	2,890	3,305	654	67
1,071	28	26	1,838,644	48,385	1,717	1,842	1,163,102	30,608	1,086	1,165	627	68
1,031	43	38	2,137,944	89,081	2,074	2,316	1,297,818	54,076	1,259	1,406	549	69
45,987	156	153	41,051,004	139,629	893	914	28,910,019	98,333	629	644	465	70
3,794	14	12	6,090,378	21,829	1,605	1,834	3,902,091	13,986	1,028	1,175	589	71
8,669	27	25	10,103,821	31,185	1,166	1,234	5,082,677	15,687	586	621	326	72
1,759	251	248	7,756,686	1,108,098	4,410	4,499	2,727,555	389,651	1,551	1,582	523	73
1,836	30	27	4,270,460	68,878	2,326	2,516	1,759,533	28,380	958	1,037	398	74
1,499	19	17	2,977,791	36,763	1,987	2,119	1,143,075	14,112	763	814	497	75
986	25	23	32,035,520	843,040	33,163	36,280	2,030,424	53,432	2,102	2,299	709	76
21	7	6	54,605	18,202	2,600	3,034	28,225	9,408	1,344	1,568	500	77
1,787	8	6	7,474,911	32,081	4,183	5,085	2,339,010	10,039	1,309	1,591	549	78
132	15	14	122,240	13,582	926	986	87,498	9,722	663	708	418	79
1,730	47	44	6,752,343	182,496	3,903	4,163	3,473,329	93,874	2,008	2,141	515	80

AVERAGE CAPITAL, NUMBER OF EMPLOYÉS, AND GROSS AND NET VALUE OF PRODUCT PER

	INDUSTRIES.	Number of establishments reporting.	CAPITAL.	
			Value.	Average per establishment.
1	Hairwork	492	$1,362,993	$2,770
2	Hammocks	6	65,525	10,921
3	Hand-knit goods	28	78,468	2,802
4	Hand stamps	234	998,873	4,269
5	Hardware	350	26,271,840	75,062
6	Hardware, saddlery	102	3,376,356	33,102
7	Hat and cap materials	73	1,709,650	23,420
8	Hats and caps, not including wool hats	705	13,724,002	19,467
9	Hay and straw, baling	72	416,541	5,785
10	High explosives	32	3,929,503	122,797
11	Hones and whetstones	9	97,935	10,882
12	Hooks and eyes	10	449,618	44,962
13	Horseshoes, factory product	4	1,299,065	324,766
14	Hosiery and knit goods	796	50,607,738	63,578
15	House furnishing goods, not elsewhere specified	133	6,939,659	52,178
16	Ice, artificial	222	9,846,468	44,353
17	Ink, printing	35	1,863,025	53,229
18	Ink, writing	38	792,194	20,847
19	Instruments, professional and scientific	233	2,996,021	12,858
20	Iron and steel	645	372,678,018	577,795
21	Iron and steel, bolts, nuts, washers, and rivets	82	10,789,821	131,583
22	Iron and steel, doors and shutters	7	42,550	6,079
23	Iron and steel, forgings	90	7,152,145	79,468
24	Iron and steel, nails and spikes, cut and wrought, including wire nails	138	24,334,549	176,337
25	Iron and steel, pipe, wrought	22	22,622,367	1,028,289
26	Ironwork, architectural and ornamental	724	21,968,172	30,343
27	Ivory and bone work	64	1,894,549	29,602
28	Japanning	39	285,794	7,328
29	Jewelry	783	22,246,508	28,412
30	Jewelry and instrument cases	76	634,900	8,354
31	Jute and jute goods	7	1,645,636	235,091
32	Kaolin and other earth grinding	95	3,334,575	35,101
33	Kindling wood	136	1,299,533	9,555
34	Labels and tags	47	646,815	13,762
35	Lamps and reflectors	93	2,550,214	27,422
36	Lapidary work	29	100,635	3,470
37	Lard, refined	17	3,898,910	229,348
38	Lasts	52	906,820	17,439
39	Lead, bar, pipe, and sheet	28	4,892,525	174,733
40	Leather board	8	445,743	55,718
41	Leather, dressed skins	38	434,800	11,442
42	Leather goods	139	2,980,060	21,439
43	Leather, morocco	121	12,283,793	101,519
44	Leather, patent and enameled	32	4,108,409	128,388
45	Leather, tanned and curried	1,596	81,261,696	50,916
46	Lightning rods	22	436,661	19,848
47	Lime and cement	873	18,752,396	21,480
48	Linen goods	3	908,589	302,863
49	Liquors, distilled	440	31,006,176	70,469
50	Liquors, malt	1,248	232,471,290	186,275
51	Liquors, vinous	236	5,792,783	24,546
52	Lithographing and engraving	219	15,490,127	70,731
53	Lock and gun smithing	1,308	1,867,220	1,428
54	Looking-glass and picture frames	1,290	8,554,995	6,632
55	Lumber and other mill products from logs or bolts	21,011	496,339,968	23,623
56	Lumber, planing mill products, including sash, doors, and blinds	3,670	120,271,440	32,772
57	Malt	202	24,293,864	120,267
58	Mantels, slate, marble, and marbleized	90	1,854,759	20,608
59	Marble and stone work	1,321	24,041,961	18,200
60	Masonry, brick and stone	5,969	51,660,111	8,655
61	Matches	27	1,941,092	71,892
62	Mats and matting	24	392,639	16,360
63	Mattresses and spring beds	696	6,662,929	9,573
64	Millinery and lace goods	278	6,630,210	23,850
65	Millinery, custom work	5,999	16,309,220	2,719
66	Millstones	4	49,450	12,363
67	Mineral and soda waters	1,377	10,781,817	7,830
68	Mirrors	45	1,695,772	37,684
69	Models and patterns	449	1,384,721	3,084
70	Monuments and tombstones	2,052	13,073,232	6,371
71	Mucilage and pastes	55	748,826	13,615
72	Musical instruments and materials, not specified	293	1,329,329	4,537
73	Musical instruments, organs and materials	145	9,890,288	68,209
74	Musical instruments, pianos and materials	236	18,430,872	78,097
75	Needles and pins	45	1,820,089	40,446
76	Nets and seines	22	1,135,764	51,626
77	Oakum	7	275,675	39,382
78	Oil, castor	7	621,798	88,828
79	Oil, cottonseed and cake	119	12,808,986	107,639
80	Oil, essential	67	102,223	1,526

ESTABLISHMENT; ALSO AVERAGE GROSS AND NET VALUE OF PRODUCT, ETC.—Continued.

AVERAGE NUMBER OF EMPLOYÉS.			GROSS VALUE OF PRODUCT.				NET VALUE OF PRODUCT.					
	Average number per establishment.				Average value per employé.				Average value per employé.		Average annual earnings per employé, excluding officers, firm members, and clerks.	
Total.	Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.	Total.	Average per establishment.	Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.	Total.	Average per establishment.	Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.		
1,945	4	3	$2,489,061	$5,059	$1,280	$1,782	$1,643,016	$3,339	$845	$1,176	$351	1
86	14	13	60,254	10,042	701	753	33,719	5,620	392	421	183	2
224	8	7	205,775	7,349	919	1,106	117,495	4,196	525	632	193	3
1,068	5	3	1,583,872	6,769	1,483	2,247	1,151,185	4,920	1,078	1,633	488	4
19,671	56	53	26,726,463	76,361	1,359	1,445	16,540,021	47,257	841	894	468	5
3,179	31	29	4,118,195	40,374	1,295	1,412	2,493,346	24,445	784	855	432	6
1,705	23	22	3,465,524	47,473	2,033	2,181	1,406,523	19,267	825	885	440	7
27,193	39	37	37,311,599	52,924	1,372	1,439	21,150,797	30,001	778	816	488	8
777	11	10	1,058,142	14,696	1,362	1,474	328,947	4,569	423	458	173	9
820	26	23	4,600,272	143,759	5,610	6,293	2,397,553	74,924	2,924	3,280	554	10
71	8	6	54,136	6,015	762	950	47,804	5,312	673	839	329	11
243	24	22	593,604	59,360	2,443	2,723	267,989	26,799	1,103	1,229	487	12
493	123	119	1,110,032	277,508	2,252	2,342	590,583	147,646	1,198	1,246	510	13
61,209	77	75	67,241,013	84,474	1,099	1,128	31,379,428	39,421	513	527	278	14
3,667	28	26	8,347,285	62,762	2,276	2,443	3,514,494	26,425	958	1,029	441	15
3,265	15	13	4,900,983	22,077	1,501	1,734	3,960,284	17,839	1,213	1,401	388	16
516	15	11	2,376,672	67,905	4,606	6,254	1,231,118	35,175	2,386	3,240	710	17
508	13	10	1,128,307	29,692	2,221	2,961	609,076	16,028	1,199	1,599	395	18
2,371	10	8	3,271,616	14,041	1,380	1,654	2,573,264	11,044	1,085	1,301	602	19
152,535	236	231	430,954,348	668,146	2,825	2,898	135,176,505	209,576	886	909	531	20
7,341	90	85	12,373,031	150,891	1,685	1,779	5,626,727	68,619	766	809	432	21
53	8	7	88,515	12,645	1,670	1,924	58,723	8,389	1,108	1,277	699	22
4,448	49	47	9,042,563	100,473	2,033	2,149	4,166,866	46,299	937	990	550	23
17,116	124	120	34,227,517	248,025	2,000	2,062	11,266,780	81,643	658	679	430	24
12,064	548	532	37,906,801	1,723,036	3,142	3,242	11,918,003	541,727	988	1,019	462	25
18,672	26	24	37,745,294	52,134	2,021	2,200	19,124,784	26,415	1,024	1,115	597	26
1,345	21	19	1,918,607	29,978	1,426	1,547	996,632	15,572	741	804	477	27
292	7	6	350,819	8,995	1,201	1,444	230,635	5,914	790	949	433	28
15,761	20	18	34,761,458	44,395	2,206	2,504	18,651,239	23,820	1,183	1,344	579	29
1,038	14	12	1,454,053	19,132	1,401	1,598	970,612	12,771	935	1,067	491	30
1,212	173	171	1,120,121	160,017	924	938	618,212	88,316	510	518	309	31
1,461	15	13	2,846,862	29,967	1,949	2,240	1,516,572	15,964	1,038	1,193	432	32
1,805	13	12	2,401,873	17,661	1,331	1,485	1,214,413	8,930	673	751	381	33
710	15	13	1,048,304	22,304	1,476	1,696	645,933	13,743	910	1,045	468	34
2,286	25	22	4,039,359	43,434	1,767	1,955	2,497,267	26,852	1,092	1,209	501	35
129	4	3	315,604	10,883	2,447	3,430	190,752	6,578	1,479	2,073	637	36
1,018	60	52	15,474,848	910,285	15,201	17,427	2,820,488	165,911	2,771	3,176	518	37
774	15	13	1,239,065	23,828	1,601	1,780	907,840	17,458	1,173	1,304	698	38
780	28	23	8,351,754	298,277	10,707	13,111	1,469,597	52,486	1,884	2,307	602	39
185	23	20	463,705	57,963	2,507	2,845	251,769	31,471	1,361	1,545	438	40
355	9	8	1,072,755	28,230	3,022	3,612	348,016	9,158	980	1,172	538	41
3,074	22	20	5,578,428	40,133	1,815	2,026	2,589,681	18,631	842	940	407	42
8,237	68	65	26,279,165	217,183	3,190	3,364	8,104,653	66,981	984	1,038	530	43
2,087	65	63	6,502,228	203,195	3,116	3,243	2,569,504	80,297	1,231	1,282	609	44
34,348	22	20	138,282,004	86,643	4,026	4,284	38,107,198	23,914	1,111	1,182	487	45
210	10	7	483,296	21,968	2,301	2,947	270,507	12,296	1,288	1,649	469	46
13,710	16	15	15,741,801	18,032	1,148	1,267	10,073,938	11,539	735	772	379	47
583	194	191	547,273	182,424	939	953	278,366	92,789	477	485	291	48
5,343	12	11	104,197,869	236,813	19,502	21,881	89,288,696	202,929	16,711	18,750	472	49
34,800	28	24	182,731,622	146,420	5,251	6,039	118,728,275	95,135	3,412	3,924	685	50
1,282	5	4	2,846,148	12,060	2,220	2,716	1,528,136	6,475	1,192	1,458	286	51
10,590	48	44	17,988,157	82,138	1,699	1,863	11,722,693	53,528	1,107	1,214	606	52
2,560	2	1	3,153,834	2,411	1,232	2,539	2,331,277	1,782	911	1,877	528	53
9,664	7	6	16,376,173	12,695	1,695	2,066	9,307,658	7,215	963	1,174	485	54
286,197	14	13	403,667,575	19,212	1,410	1,513	172,111,957	8,192	601	645	289	55
86,388	24	22	183,681,552	50,049	2,114	2,298	78,754,718	21,459	906	985	528	56
3,694	18	16	23,442,559	116,052	6,346	7,044	6,342,485	31,398	1,717	1,906	478	57
1,704	19	17	3,127,662	34,752	1,835	2,058	1,872,995	20,811	1,099	1,232	627	58
23,888	18	17	41,924,264	31,737	1,755	1,910	25,691,834	19,449	1,076	1,170	698	59
108,405	18	17	190,704,818	31,949	1,759	1,873	98,913,709	16,571	912	972	628	60
1,755	65	63	2,193,638	81,246	1,250	1,293	1,258,630	46,616	717	742	279	61
423	18	16	608,025	25,359	1,439	1,589	307,034	12,793	726	802	451	62
7,337	11	9	15,683,932	22,534	2,138	2,482	6,956,552	9,995	948	1,101	437	63
11,827	43	40	18,047,067	64,918	1,526	1,623	9,458,725	34,024	800	851	407	64
23,976	4	3	36,983,082	6,165	1,543	2,166	18,226,306	3,038	760	1,068	307	65
28	7	6	47,152	11,788	1,684	1,965	28,858	7,215	1,031	1,202	532	66
7,717	6	4	14,353,745	10,424	1,860	2,425	9,790,942	7,110	1,269	1,654	470	67
1,542	34	31	6,000,533	133,345	3,891	4,274	2,726,402	60,587	1,768	1,942	600	68
2,010	4	3	2,523,395	5,620	1,255	1,679	2,082,819	4,639	1,036	1,386	635	69
12,101	6	5	20,671,498	10,074	1,708	2,114	13,035,024	6,352	1,077	1,333	616	70
404	7	6	1,276,611	23,211	3,160	4,131	521,577	9,483	1,291	1,688	388	71
1,382	5	4	1,888,613	6,446	1,367	1,788	1,377,949	4,703	997	1,305	573	72
4,989	34	32	9,213,188	63,539	1,847	1,999	5,758,408	39,714	1,154	1,250	580	73
13,057	55	53	25,766,368	109,180	1,973	2,073	15,295,589	64,812	1,171	1,230	673	74
1,680	37	36	1,515,865	33,686	902	942	1,065,423	23,676	634	662	404	75
650	30	28	1,002,196	45,554	1,542	1,622	367,562	16,707	565	595	308	76
151	22	20	363,400	51,914	2,407	2,559	131,667	18,810	872	927	330	77
101	14	11	573,363	81,909	5,677	7,446	142,132	20,305	1,407	1,846	578	78
6,301	53	50	19,335,947	162,487	3,069	3,274	4,972,821	41,788	789	842	253	79
220	3	3	255,847	3,819	1,163	1,299	126,112	1,882	573	640	147	80

AVERAGE CAPITAL, NUMBER OF EMPLOYÉS, AND GROSS AND NET VALUE OF PRODUCT PER

	INDUSTRIES.	Number of establishments reporting.	CAPITAL.	
			Value.	Average per establishment.
1	Oil, illuminating, not including petroleum, refining	5	$561,496	$112,299
2	Oil, lard	7	481,526	68,789
3	Oil, linseed	62	14,003,358	225,861
4	Oil, lubricating	124	4,091,157	32,993
5	Oil, resin	8	284,110	35,514
6	Oilcloth, enameled	9	772,820	85,869
7	Oilcloth, floor	19	3,704,436	194,970
8	Oleomargarine	12	634,532	52,878
9	Optical goods	191	2,608,176	13,655
10	Ordnance and ordnance stores	4	7,639,991	1,909,998
11	Oysters, canning and preserving	16	1,106,962	69,185
12	Painting and paper hanging	10,043	23,135,781	2,304
13	Paints	382	34,009,203	89,029
14	Paper	567	82,374,099	145,281
15	Paper goods, not elsewhere specified	66	2,922,449	44,280
16	Paper hangings	27	5,709,909	211,478
17	Paper patterns	27	156,106	5,782
18	Patent medicines and compounds	1,127	18,396,823	16,501
19	Paving and paving materials	704	12,648,093	17,966
20	Pencil cases	6	66,625	11,104
21	Pencils, lead	5	3,100,836	620,167
22	Pens, fountain and stylographic	15	142,265	9,484
23	Pens, gold	18	473,964	26,331
24	Pens, steel	3	399,182	133,061
25	Perfumery and cosmetics	157	2,238,901	14,261
26	Petroleum, refining	94	77,416,296	823,578
27	Photographic apparatus	25	362,834	14,513
28	Photographic materials	45	1,172,640	26,059
29	Photography	3,105	7,804,532	2,514
30	Photolithographing and engraving	89	1,134,873	12,751
31	Pickles, preserves, and sauces	316	4,913,459	15,549
32	Pipes, tobacco	69	1,432,753	20,765
33	Plastering and stuccowork	1,746	3,309,297	1,895
34	Plated and britannia ware	68	13,150,990	193,397
35	Plumbers' supplies	122	9,678,107	79,329
36	Plumbing and gas fitting	5,327	29,335,247	5,507
37	Pocketbooks	62	1,121,834	18,094
38	Printing and publishing, book and job	4,098	67,146,445	16,385
39	Printing and publishing, music	79	1,816,205	22,990
40	Printing and publishing, newspapers and periodicals	12,362	126,269,885	10,214
41	Printing materials	64	1,370,487	21,414
42	Printing, tin	27	154,910	5,737
43	Pulp goods:	9	418,045	46,449
44	Pulp, wood	82	7,455,449	90,920
45	Pulp from fiber, other than wood	7	583,837	83,405
46	Pumps, not including steam pumps	256	3,540,097	13,829
47	Refrigerators	82	3,367,329	41,065
48	Regalia and society banners and emblems	137	1,841,193	13,439
49	Registers, car fare	7	74,725	10,675
50	Registers, cash	5	292,150	58,430
51	Rice, cleaning and polishing	32	2,073,884	64,809
52	Roofing and roofing materials	2,140	13,303,597	6,217
53	Rubber and elastic goods	139	13,703,787	98,588
54	Rules, ivory and wood	16	172,918	10,807
55	Saddlery and harness	7,931	35,346,620	4,457
56	Safes and vaults	39	4,603,118	118,029
57	Salt	200	13,437,749	67,189
58	Sand and emery paper and cloth	9	705,957	78,440
59	Sausage	249	1,128,562	4,532
60	Saws	95	6,313,373	66,457
61	Scales and balances	76	1,658,655	21,824
62	Screws, machine	20	1,672,343	83,617
63	Screws, wood	7	5,572,237	796,034
64	Sewing machine cases	7	1,430,403	204,343
65	Sewing machine repairing	166	192,593	1,160
66	Sewing machines and attachments	59	16,043,136	271,918
67	Shipbuilding	1,010	53,393,074	52,864
68	Shirts	869	14,273,611	16,425
69	Shoddy	94	3,754,063	39,937
70	Show cases	99	1,208,022	12,202
71	Silk and silk goods	472	51,007,537	108,067
72	Silversmithing	24	410,773	17,116
73	Silverware	30	5,317,641	177,255
74	Slaughtering and meat packing, wholesale	611	98,190,766	160,705
75	Slaughtering, wholesale, not including meat packing	507	18,696,738	36,877
76	Smelting and refining	50	9,425,912	188,518
77	Soap and candles	578	24,821,069	42,943
78	Soda water apparatus	12	3,354,928	279,577
79	Sporting goods	136	1,693,776	12,454
80	Springs, steel, car and carriage	57	3,459,422	60,692

ESTABLISHMENT; ALSO AVERAGE GROSS AND NET VALUE OF PRODUCT, ETC.—Continued.

AVERAGE NUMBER OF EMPLOYÉS.			GROSS VALUE OF PRODUCT.				NET VALUE OF PRODUCT.				Average annual earnings per employé, excluding officers, firm members, and clerks.	
Total.	Average number per establishment.		Total.	Average per establishment.	Average value per employé.		Total.	Average per establishment.	Average value per employé.			
	Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.			Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.			Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.		
66	13	10	$599,720	$119,944	$9,087	$11,759	$157,382	$31,476	$2,385	$3,086	$600	1
120	17	13	1,181,613	168,802	9,847	12,570	260,963	37,280	2,175	2,776	566	2
2,073	33	30	23,534,306	379,586	11,353	12,478	4,159,763	67,093	2,007	2,206	518	3
1,072	9	6	8,656,530	69,811	8,075	12,244	3,695,346	29,801	3,447	5,227	618	4
117	15	11	738,680	92,335	6,314	8,208	203,360	25,420	1,738	2,260	596	5
367	41	38	1,603,265	178,141	4,369	4,702	619,747	68,861	1,689	1,817	536	6
1,583	83	80	3,877,822	204,096	2,450	2,550	1,497,527	78,817	946	985	490	7
328	27	22	2,988,525	249,044	9,111	11,320	813,261	67,772	2,479	3,081	584	8
2,844	15	13	3,505,973	18,356	1,233	1,398	2,181,668	11,422	767	870	403	9
1,459	365	357	2,424,662	606,166	1,662	1,698	1,681,314	420,329	1,152	1,177	745	10
3,514	220	216	3,260,766	203,798	928	944	1,171,899	73,244	333	339	186	11
56,281	6	5	74,067,998	7,375	1,316	1,634	50,957,639	5,074	905	1,124	635	12
8,737	23	18	40,438,171	105,859	4,628	5,741	15,507,639	40,596	1,775	2,202	507	13
29,568	52	50	74,309,388	131,057	2,513	2,619	32,086,074	56,589	1,085	1,131	427	14
1,647	25	23	4,179,235	63,322	2,537	2,751	1,551,781	23,512	942	1,022	402	15
2,814	104	96	7,431,726	275,249	2,641	2,876	3,859,699	142,952	1,372	1,494	454	16
448	17	15	377,456	13,980	843	923	292,187	10,822	652	714	265	17
9,390	8	6	32,620,182	28,944	3,474	4,622	21,589,266	19,156	2,299	3,059	419	18
22,730	32	31	30,644,072	43,529	1,348	1,411	16,753,067	23,797	737	771	434	19
89	15	13	164,450	27,408	1,848	2,082	104,959	17,493	1,179	1,329	595	20
1,452	290	278	1,687,560	337,512	1,162	1,216	891,182	178,236	614	642	325	21
176	12	10	351,775	23,452	1,999	2,314	228,561	15,237	1,299	1,504	486	22
363	20	17	718,070	39,893	1,978	2,386	482,442	26,802	1,329	1,603	616	23
511	170	165	268,259	89,420	525	541	211,629	70,543	414	427	266	24
1,755	11	9	4,630,141	29,491	2,638	3,317	2,501,721	15,935	1,425	1,792	359	25
12,471	133	121	85,001,198	904,268	6,816	7,454	17,082,475	181,728	1,370	1,498	515	26
549	22	20	624,342	24,974	1,137	1,234	459,722	18,389	837	909	519	27
899	20	17	2,121,387	47,142	2,360	2,709	1,014,118	22,536	1,128	1,295	537	28
10,432	3	2	15,488,324	4,088	1,485	2,223	11,596,128	3,735	1,112	1,664	498	29
1,352	15	13	2,071,580	23,276	1,532	1,809	1,530,185	17,193	1,132	1,336	664	30
4,252	13	11	9,790,855	30,984	2,303	2,737	4,462,314	14,121	1,049	1,248	324	31
1,345	19	17	1,881,262	27,265	1,399	1,560	1,254,594	18,183	933	1,040	474	32
10,624	6	5	13,460,824	7,710	1,267	1,527	9,044,771	5,180	851	1,026	611	33
6,919	102	97	11,502,966	169,161	1,663	1,738	6,855,076	100,810	991	1,036	507	34
5,485	45	41	11,960,464	98,037	2,181	2,418	6,106,755	50,055	1,113	1,234	537	35
42,513	8	7	80,905,925	15,188	1,903	2,282	43,170,254	8,104	1,015	1,218	618	36
1,348	22	19	2,165,462	34,927	1,606	1,793	1,196,514	19,299	888	990	407	37
58,139	14	12	93,540,831	22,826	1,609	1,865	64,153,620	15,655	1,103	1,279	551	38
701	9	6	1,683,333	21,308	2,401	3,644	1,281,918	16,227	1,829	2,775	484	39
106,095	9	7	179,859,750	14,549	1,695	2,092	140,904,428	11,398	1,328	1,639	591	40
866	14	11	1,459,434	22,804	1,685	2,041	891,796	13,934	1,030	1,247	473	41
292	11	9	368,601	13,652	1,262	1,463	253,634	9,394	869	1,006	449	42
276	31	28	352,582	39,176	1,277	1,399	229,731	25,526	832	912	442	43
2,830	35	33	4,627,796	56,437	1,635	1,726	2,622,630	31,983	927	978	403	44
168	24	22	524,243	74,892	3,120	3,449	397,341	56,763	2,365	2,614	453	45
2,140	8	7	4,103,410	16,029	1,917	2,339	2,422,135	9,461	1,132	1,381	472	46
2,373	29	27	4,513,616	55,044	1,902	2,072	2,135,658	26,045	900	981	475	47
2,379	17	15	3,203,890	23,386	1,347	1,540	1,956,984	14,285	823	941	355	48
101	14	13	141,320	20,189	1,399	1,553	108,702	15,529	1,076	1,195	595	49
742	148	139	1,281,500	256,300	1,727	1,839	1,058,924	211,785	1,427	1,519	569	50
743	23	20	6,693,196	209,162	9,008	10,345	1,091,990	34,125	1,470	1,688	345	51
13,333	6	5	29,412,813	13,744	2,206	2,689	14,700,434	6,869	1,103	1,344	592	52
9,802	71	66	18,708,917	134,597	1,909	2,037	7,595,389	54,643	775	827	399	53
163	10	9	154,173	9,636	946	1,134	119,848	7,491	735	881	382	54
30,326	4	3	52,976,801	6,679	1,747	2,336	28,296,576	3,568	933	1,248	481	55
4,131	106	98	6,641,814	170,304	1,608	1,741	4,006,531	102,732	970	1,050	558	56
4,455	22	21	5,484,618	27,423	1,231	1,289	3,657,848	18,289	821	860	374	57
253	28	23	1,249,647	138,850	4,939	6,066	468,142	52,016	1,850	2,273	506	58
1,106	4	3	3,055,367	12,271	2,763	3,650	1,120,197	4,499	1,013	1,338	434	59
2,943	31	28	5,572,992	58,663	1,894	2,083	3,226,591	33,964	1,096	1,206	592	60
1,500	20	18	2,322,744	30,562	1,548	1,721	1,454,789	19,142	970	1,078	513	61
1,113	56	53	1,183,341	59,167	1,063	1,119	851,640	42,582	765	806	449	62
1,651	236	223	2,326,645	332,378	1,409	1,493	1,425,969	203,710	864	915	346	63
1,842	263	260	2,249,551	321,364	1,221	1,235	1,259,112	179,873	684	691	468	64
335	2	1	385,941	2,325	1,152	2,000	299,125	1,892	893	1,550	580	65
9,121	155	150	12,823,147	217,341	1,406	1,451	9,320,974	157,983	1,022	1,055	538	66
25,934	26	25	40,342,115	39,943	1,556	1,626	23,417,006	23,185	903	944	598	67
32,750	38	36	33,638,593	38,710	1,027	1,078	17,934,240	20,638	548	575	295	68
2,299	24	23	7,887,000	83,904	3,431	3,660	1,883,965	20,042	819	874	328	69
1,500	15	13	2,560,557	25,955	1,713	1,931	1,492,212	15,073	995	1,121	540	70
50,913	108	105	87,298,454	184,954	1,715	1,768	36,294,029	76,894	713	735	360	71
314	13	11	621,567	25,899	1,980	2,268	417,330	17,389	1,329	1,523	707	72
2,306	77	72	5,813,737	193,791	2,521	2,710	3,684,393	122,813	1,598	1,718	650	73
40,409	66	61	433,252,315	709,087	10,722	11,553	66,258,653	108,443	1,640	1,767	541	74
7,537	15	13	128,359,353	253,174	17,031	19,830	14,390,604	28,384	1,909	2,223	618	75
1,765	35	33	28,188,826	563,777	15,971	17,126	2,903,635	58,073	1,645	1,764	578	76
9,305	16	14	43,600,285	75,433	4,686	5,575	14,912,873	25,801	1,603	1,907	437	77
993	83	70	2,711,879	225,990	2,731	3,232	1,695,677	141,306	1,708	2,021	652	78
2,199	16	15	2,709,449	19,922	1,232	1,349	1,589,643	11,689	723	792	352	79
1,892	33	30	4,331,571	75,792	2,289	2,498	2,112,163	37,055	1,116	1,218	555	80

AVERAGE CAPITAL, NUMBER OF EMPLOYÉS, AND GROSS AND NET VALUE OF PRODUCT PER

	INDUSTRIES.	Number of establishments reporting.	CAPITAL.	
			Value.	Average per establishment.
1	Stamped ware	99	$8,692,888	$87,807
2	Starch	80	4,929,155	61,614
3	Stationery goods, not elsewhere specified	200	5,372,309	26,862
4	Steam fittings and heating apparatus	217	17,017,364	78,421
5	Steam packing	34	538,564	15,840
6	Stencils and brands	106	445,165	4,200
7	Stereotyping and electrotyping	81	1,332,129	16,446
8	Straw goods, not elsewhere specified	6	106,750	17,792
9	Sugar and molasses, refining	393	24,013,008	61,102
10	Surgical appliances	155	856,396	5,525
11	Tar and turpentine	670	4,062,375	6,063
12	Taxidermy	63	293,112	4,653
13	Teasels	5	61,400	12,280
14	Timber products, not manufactured at mill	1,606	61,541,086	38,319
15	Tinsmithing, coppersmithing, and sheet-iron working	7,002	38,434,900	5,489
16	Tobacco, chewing, smoking, and snuff	395	30,841,316	78,079
17	Tobacco, cigars and cigarettes	10,956	59,517,827	5,432
18	Tobacco, stemming and rehandling	292	5,735,610	19,643
19	Tools, not elsewhere specified	462	11,376,622	24,625
20	Toys and games	139	2,781,185	20,009
21	Trunks and valises	395	6,900,756	17,470
22	Type founding	38	4,968,309	130,745
23	Typewriters and supplies	30	1,421,783	47,393
24	Umbrellas and canes	435	5,646,289	12,980
25	Upholstery materials	152	4,427,654	29,129
26	Varnish	140	11,308,943	80,778
27	Vault lights and ventilators	15	175,225	11,682
28	Vinegar and cider	694	5,858,395	8,441
29	Washing machines and clothes wringers	163	1,712,953	10,509
30	Watch and clock materials	32	661,784	20,681
31	Watch cases	45	4,727,100	105,047
32	Watch, clock, and jewelry repairing	4,502	6,057,125	1,345
33	Watches	19	10,106,114	531,901
34	Whalebone and rattan	9	221,358	24,595
35	Wheelbarrows	26	1,116,359	42,937
36	Whips	81	1,632,404	20,153
37	Windmills	77	2,463,231	31,990
38	Window shades	182	4,167,457	22,898
39	Wire	24	11,607,685	483,654
40	Wirework, including wire rope and cable	569	11,757,962	20,664
41	Wood, preserving	4	262,718	65,680
42	Wood, turned and carved	872	7,825,668	8,974
43	Woodenware, not elsewhere specified	167	2,711,609	16,237
44	Wool hats	32	4,142,224	129,445
45	Woolen goods	1,311	130,989,940	99,916
46	Worsted goods	143	68,085,116	476,120
47	Zinc	8	1,007,320	125,915
48	All other industries (*a*)	12	2,952,222	246,019

a Industries in which less than 3 establishments are reported are grouped, in order to avoid disclosing the operations of individual establishments. These establishments are distributed as follows: fuel, artificial, 2; phonographs and graphophones, 2; racking hose, 1; rubber, vulcanized, 1; sugar and molasses, beet, 2; thread, linen, 2; tinfoil, 2.

ESTABLISHMENT; ALSO AVERAGE GROSS AND NET VALUE OF PRODUCT, ETC.—Continued.

AVERAGE NUMBER OF EMPLOYÉS.			GROSS VALUE OF PRODUCT.				NET VALUE OF PRODUCT.				Average annual earnings per employé, excluding officers, firm members, and clerks.	
Total.	Average number per establishment.		Total.	Average per establishment.	Average value per employé.		Total.	Average per establishment.	Average value per employé.			
	Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.			Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.			Including officers, firm members, and clerks.	Excluding officers, firm members, and clerks.		
7,075	71	68	$10,475,271	$105,811	$1,481	$1,552	$5,245,383	$52,984	$741	$777	$401	1
3,121	39	36	8,934,517	111,681	2,863	3,078	3,789,840	47,261	1,211	1,302	330	2
4,790	24	21	9,292,017	46,460	1,940	2,194	4,023,256	20,116	840	950	387	3
11,779	54	49	23,147,434	106 670	1,965	2,174	12,519,120	57,692	1,063	1,176	583	4
418	12	9	1,003,372	29,511	2,400	3,185	645,553	18,987	1,544	2,049	482	5
499	5	3	732,611	6,911	1,468	2,052	565,921	5,330	1,132	1,583	587	6
1,475	18	16	2,183,909	26,962	1,481	1,604	1,683,165	20,780	1,141	1,306	639	7
433	72	71	329.987	54,998	762	778	195,042	32,507	450	460	248	8
7,529	19	18	123,118,259	313,278	16,353	17,481	15,359,448	39,083	2,040	2,181	339	9
912	6	4	1,650,933	10,645	1,809	2,696	1,125,545	7,262	1,234	1,839	492	10
15,315	23	23	8,077,379	12,059	527	529	5,202,686	7,765	340	341	190	11
155	2	1	231.773	3,679	1,495	2,575	194.046	3,080	1,252	2,156	515	12
72	14	14	84.700	16,940	1,176	1,228	34,338	6,868	477	498	298	13
46,142	29	28	34,289,807	21,351	743	758	23,283,129	14,498	505	515	240	14
38,442	5	4	66,653,746	9,519	1,734	2,124	35,436,224	5,061	922	1,129	498	15
31,267	79	75	65,843,587	166,693	2,106	2,210	36,651,338	92,788	1,172	1,230	233	16
98,156	9	8	129,693,275	11,838	1,321	1,491	79,394,315	7,247	809	913	419	17
6,504	22	20	16,209,761	55,513	2,492	2,708	3,396,653	11,632	522	568	189	18
7,095	15	14	10,528,025	22,788	1,484	1,642	7,010,756	15,175	988	1,094	543	19
3,440	25	23	3,749,755	26,977	1,090	1,191	2,296,017	16,518	667	729	342	20
6,785	17	15	10,821,621	27,397	1,595	1,794	6,117,639	15,488	902	1,014	463	21
2,172	57	51	3,916,904	103,070	1,803	2,009	2,482,812	65,337	1,143	1,273	575	22
1,735	58	54	3,630,126	121,004	2,092	2,226	2,997,403	99,913	1,728	1,838	580	22
6,863	16	14	13,771,927	31,060	2,007	2,287	6,209,006	14,274	905	1,031	404	24
3,479	23	21	5,733,039	37,717	1,648	1,774	2,719,786	17,893	782	842	378	25
1,851	13	8	13,795,510	98,539	7,453	12,043	5,989,847	42,785	3,236	5,231	640	26
205	14	12	455.413	30,361	2,222	2,617	269,884	17,992	1,317	1,551	665	27
3,388	5	4	6,649,300	9,581	1,903	2,522	3,380,645	4,872	993	1,282	273	28
1,239	8	6	2,489,175	15,271	2,009	2,417	1,134,025	6,961	916	1,102	418	29
563	18	16	787,310	24,603	1,398	1,520	472,630	14,770	839	912	465	30
3,869	86	82	8,618,479	191,522	2,228	2,343	3,596,024	79,912	929	977	516	31
8,647	2	1	10,704,477	2,378	1,238	2,221	8,478.589	1,883	981	1,759	594	32
6,675	351	347	6,051,066	318,477	907	918	5,055,326	266,070	757	767	544	33
79	9	8	682,977	75,886	8,645	9,898	127,804	14,200	1,618	1,852	551	34
620	24	22	1,185,565	45,599	1,912	2,091	547,845	21,071	884	966	443	35
1,687	13	12	2,153,818	26,590	1,981	2,282	1,332,204	16,447	1,226	1,411	427	36
1,295	17	14	2,475,050	32,144	1,911	2,230	1,351,103	17,547	1,043	1,217	501	37
2,399	13	11	9,239,069	50,767	3,851	4,563	3,897,795	21,416	1,625	1,925	502	38
7,804	325	317	22,012,804	917,200	2,821	2,898	9,974,264	290,594	894	918	508	39
7,917	14	12	15,552,857	27,334	1,964	2,237	7,227,422	12,702	913	1,039	444	40
95	24	20	143,475	35,869	1,510	1,793	92,778	23,195	977	1,160	366	41
8,430	10	8	10,939,047	12,545	1,298	1,478	6,992,420	8,019	829	945	450	42
3,101	19	17	3,597,602	21,543	1,160	1,249	2,098,829	12,568	677	729	365	43
3,592	112	109	5,329,921	166,569	1,484	1,523	2,527,880	78,996	704	722	357	44
79,351	61	59	133,577,977	101,890	1,683	1,737	51,307,042	39,136	647	667	340	45
43,593	305	301	79,194,652	553,809	1,817	1,843	28,487,883	199,216	653	663	348	46
1,082	135	132	2,976,730	372,091	2,751	2,830	971,048	121,381	897	923	584	47
1,748	146	142	3,142,145	261,845	1,798	1,849	1,368,337	114,028	783	805	329	48

The size of the average establishment for the same industry in different states is indicated by the following statement, which shows the average number of employés and value of product per establishment for the 25 principal industries as reported for each of 5 selected states. The employés include officers, firm members, and clerks.

NUMBER OF ESTABLISHMENTS, AVERAGE NUMBER OF EMPLOYÉS, VALUE OF PRODUCT, AND AVERAGE NUMBER OF EMPLOYÉS AND VALUE OF PRODUCT PER ESTABLISHMENT FOR 25 SELECTED INDUSTRIES IN 5 STATES: 1890.

INDUSTRIES.	ILLINOIS.					MASSACHUSETTS.					NEW YORK.		
	Number of establishments reporting.	Average number of employés.	Average number of employés per establishment.	Value of product.	Value of product per establishment.	Number of establishments reporting.	Average number of employés.	Average number of employés per establishment.	Value of product.	Value of product per establishment.	Number of establishments reporting.	Average number of employés.	Average number of employés per establishment.
Boots and shoes, factory product.	56	4,152	74	$8,756,824	$156,372	1,057	69,934	66	$116,387,900	$110,112	257	16,170	63
Bread and other bakery products.	536	3,567	7	8,832,725	16,479	703	4,479	6	10,755,915	15,300	2,419	13,186	5
Carpentering	1,076	10,428	10	20,392,422	18,952	2,050	17,092	8	34,336,615	16,750	2,662	22,947	9
Carriages and wagons, including custom work and repairing.	559	5,560	10	9,041,725	16,175	430	4,641	11	7,607,869	17,693	1,098	11,059	10
Cars and general shop construction and repairs by steam railroad companies.	70	10,541	151	12,208,617	174,409	14	2,289	164	2,712,763	193,769	46	8,676	189
Clothing, men's, custom work and repairing.	1,097	8,379	8	13,556,581	12,358	1,035	5,872	6	8,501,602	8,214	3,855	20,302	5
Clothing, men's, factory product.	199	16,612	83	33,626,441	168,977	221	8,196	37	21,242,647	96,121	2,661	59,409	22
Cotton goods	4	454	114	563,988	140,997	187	76,213	408	100,202,882	535,844	42	8,401	200
Flouring and grist mill products.	647	4,385	7	37,974,885	58,694	238	770	3	6,906,493	29,019	1,235	4,607	4
Foundry and machine shop products.	408	18,538	45	38,898,114	95,339	711	25,027	35	38,906,680	54,721	1,081	42,098	39
Furniture, factory product.	169	8,979	53	14,406,835	85,248	136	3,679	27	6,166,522	45,342	341	12,025	35
Iron and steel	20	7,734	387	37,173,405	1,858,670	13	1,604	123	2,891,687	222,437	43	6,990	163
Leather, tanned and curried.	30	1,947	65	8,240,803	274,693	138	5,852	42	21,656,425	156,931	200	5,756	29
Liquors, distilled	7	1,023	146	51,996,737	7,428,105	8	55	7	1,372,807	171,601	6	56	9
Liquors, malt	88	2,943	33	13,664,046	155,273	26	968	37	5,355,438	205,978	232	8,285	36
Lumber and other mill products from logs or bolts.	357	4,314	12	5,090,940	14,260	464	3,214	7	5,109,998	11,013	1,664	13,164	8
Lumber, planing mill products, including sash, doors, and blinds.	206	9,517	46	20,468,903	99,364	164	3,816	23	8,112,101	49,464	540	15,221	28
Masonry, brick and stone	295	8,208	28	15,792,212	53,533	745	10,384	14	17,580,907	23,599	708	16,342	23
Printing and publishing, book and job.	380	7,515	20	14,555,068	38,303	404	4,233	10	6,899,236	17,077	953	15,374	16
Printing and publishing, newspapers and periodicals.	996	9,502	10	17,348,845	17,419	409	5,996	15	12,019,706	29,388	1,263	18,086	14
Slaughtering and meat packing, wholesale.	60	18,178	303	200,414,531	3,340,242	14	1,626	116	16,692,851	1,192,347	76	2,186	29
Slaughtering, wholesale, not including meat packing.	21	738	35	11,876,851	565,564	10	266	27	3,528,794	352,879	105	2,117	20
Sugar and molassee, refining	36	386	11	3,008,358	83,566	4	245	61	16,875,538	4,218,885	14	657	47
Tobacco, cigars and cigarettes	715	4,827	7	6,942,185	9,709	338	2,835	8	4,165,900	12,325	2,858	32,111	11
Woolen goods	23	914	40	1,299,506	56,500	165	19,813	120	35,771,161	216,795	91	2,969	33

INDUSTRIES.	NEW YORK—continued.		OHIO.					PENNSYLVANIA.				
	Value of product.	Value of product per establishment.	Number of establishments reporting.	Average number of employés.	Average number of employés per establishment.	Value of product.	Value of product per establishment.	Number of establishments reporting.	Average number of employés.	Average number of employés per establishment.	Value of product.	Value of product per establishment.
Boots and shoes, factory product.	$23,661,204	$92,067	63	5,991	95	$8,489,728	$134,758	158	7,952	50	$10,354,850	$65,537
Bread and other bakery products.	33,131,101	13,696	790	3,642	5	7,869,466	9,961	1,936	6,915	4	15,785,726	8,154
Carpentering	44,794,173	16,827	1,602	10,251	6	21,514,294	13,430	1,389	12,727	9	26,592,306	19,145
Carriages and wagons, including custom work and repairing.	16,803,241	15,303	709	10,504	15	18,777,866	26,485	899	5,924	7	7,772,104	8,645
Cars and general shop construction and repairs by steam railroad companies.	9,046,025	196,653	64	7,547	118	8,096,905	126,514	61	22,995	377	28,769,728	471,635
Clothing, men's, custom work and repairing.	32,446,181	8,417	1,179	8,152	7	10,641,375	9,026	1,343	9,553	7	12,774,746	9,512
Clothing, men's, factory product.	96,880,957	36,408	508	16,357	32	20,604,134	40,559	337	8,662	26	26,732,348	79,324
Cotton goods	9,777,295	232,793	7	584	83	1,468,204	209,743	158	12,960	82	18,431,773	116,657
Flouring and grist mill products.	52,550,744	42,551	910	4,296	5	39,468,409	43,372	2,226	5,149	2	39,479,076	17,735
Foundry and machine shop products.	72,084,500	66,683	600	26,628	44	43,617,672	72,695	886	40,635	46	67,587,025	76,283
Furniture, factory product.	20,260,754	59,416	180	6,408	36	8,780,689	48,782	152	5,215	34	7,940,483	52,240
Iron and steel	15,699,537	365,106	93	21,373	230	57,134,110	614,345	280	86,437	309	248,809,071	888,604
Leather, tanned and curried.	20,614,037	103,070	113	1,569	14	6,701,670	59,307	376	8,543	23	39,011,518	103,754
Liquors, distilled	422,824	70,471	15	484	32	12,033,884	802,259	40	469	12	4,339,689	108,492
Liquors, malt	53,429,685	230,300	106	3,494	33	15,899,629	149,997	163	3,562	22	18,358,734	112,630
Lumber and other mill products from logs or bolts.	16,457,811	9,891	1,427	13,056	9	15,161,730	10,625	1,853	18,663	10	27,772,834	14,988
Lumber, planing mill products, including sash, doors, and blinds.	33,765,173	62,528	335	5,938	18	12,910,538	38,539	467	8,633	18	18,398,688	39,388
Masonry, brick and stone	26,579,854	37,542	794	8,254	10	12,540,863	15,795	950	13,854	21	28,212,579	43,404
Printing and publishing, book and job.	24,191,080	25,384	257	3,499	14	6,086,891	23,684	478	7,102	15	13,444,459	28,126
Printing and publishing, newspapers and periodicals.	44,393,071	35,140	724	7,292	10	10,928,510	15,095	992	10,658	11	20,536,538	20,702
Slaughtering and meat packing, wholesale.	34,848,582	458,534	70	1,376	20	13,280,649	189,724	114	1,256	11	14,110,303	123,775
Slaughtering, wholesale, not including meat packing.	41,793,569	398,034	68	257	4	3,731,549	54,876	128	714	6	7,881,301	61,573
Sugar and molasses, refining	17,157,694	1,225,550	24	111	5	675,624	28,126	10	1,524	152	40,599,754	4,659,975
Tobacco, cigars and cigarettes	47,422,603	16,593	937	6,575	7	7,024,748	7,497	1,967	18,969	10	19,978,429	10,157
Woolen goods	5,188,020	57,011	64	1,032	16	1,513,302	23,645	264	16,061	61	29,878,010	113,174

Owing to the changes in the form and in the scope of the inquiry of 1890 as compared with that of 1880, it is not practicable to present comparative statistics that show the exact changes in the size of the average establishment reported at the two censuses.

The following statement, however, gives information of this character for 25 selected industries, as obtained from the reports of the two censuses 1880 and 1890:

AVERAGE CAPITAL, NUMBER OF EMPLOYÉS, AND GROSS AND NET VALUE OF PRODUCT PER ESTABLISHMENT; ALSO AVERAGE CAPITAL FOR A PRODUCT VALUED AT $100, FOR 25 SELECTED INDUSTRIES AS REPORTED IN 1880 AND 1890.

INDUSTRIES.	Year.	Number of establishments reporting.	CAPITAL.			EMPLOYÉS.		GROSS PRODUCT.		NET PRODUCT.	
			Total.	Per establishment.	For $100 of product.	For all establishments.	Per establishment.	For all establishments.	Per establishment.	For all establishments.	Per establishment.
Agricultural implements	1880	1,943	$62,109,668	$31,966	$90.49	39,580	20	$68,640,486	$35,327	$37,109,316	$19.099
	1890	916	145,313,997	159,686	178.80	42,544	47	81,271,651	89,310	49,668,386	54,581
Boots and shoes, factory product	1880	1,959	42,994,028	21,947	25.89	111,152	57	166,656,354	84,763	63,607,912	32,470
	1890	2,082	95,282,311	45,765	43.18	139,333	67	220,649,358	105,980	101,863,527	48,926
Brick and tile	1880	5,631	27,673,616	4,915	84.28	66,355	12	32,833,587	5,831	23,058,753	4,095
	1890	5,828	82,578,566	14,169	121.85	109,151	19	67,770,695	11,628	55,131,098	9,460
Cheese, butter, and condensed milk (*a*)	1880	3,932	9,664,863	2,443	37.31	7,963	2	25,742,516	6,547	7,378,931	1,877
	1890	4,712	16,624,163	3,528	26.62	14,921	3	62,686,043	13,363	11,321,469	2,403
Clothing, men's (*b*)	1880	6,166	79,861,696	12,952	38.11	160,813	26	209,548,460	33,985	78,185,178	12,680
	1890	18,658	182,552,938	9,784	48.29	243,857	13	378,022,815	26,261	198,597,154	10,644
Cotton goods	1880	1,005	219,564,794	218,413	164.66	185,472	185	216,950,383	269,961	97,184,846	96,701
	1890	905	354,020,843	391,183	132.11	221,585	245	267,981,724	296,112	113,068,745	124,938
Flouring and grist mill products	1880	24,338	177,361,878	7,287	35.11	58,407	2	505,185,712	20,757	63,646,487	2,615
	1890	18,470	268,473 506	11,287	46.56	63.481	3	513,971,474	27,827	79,819,184	4,322
Foundry and machine shop products	1880	4,958	154,519,484	31,166	72.08	145,351	29	214,378,468	43,239	111,033,385	22,395
	1890	6,475	382,798,337	59,119	92.75	247,754	38	412,761,872	63,738	241,556,716	37,306
Glass	1880	211	19,844,699	94,051	93.81	24,177	115	21,154,571	100,259	13,125,956	62,208
	1890	294	46,966,850	139,343	99.86	45,987	156	41,051,664	139,629	28,916,619	98,333
Hosiery and knit goods	1880	359	15,579,591	43,397	53.41	28,885	80	29,167,227	81,246	13,956,276	38,875
	1890	796	50,607,738	63,578	75.28	61,209	77	67,241,613	84,474	31,379,428	39,421
Leather, tanned and curried (*c*)	1880	5,424	67,160,574	12,371	36.33	34,865	6	184,699,633	34,052	39,443,917	7,272
	1890	1,596	81,261,696	56,916	58.77	34,348	22	138,282,664	86,643	38,167,198	23,914
Liquors, distilled	1880	844	24,247,595	28,729	59.05	6,562	8	41,063,663	48,654	13,319,418	15,781
	1890	446	31,066,176	70,469	29.76	5,343	12	104,197,860	236,813	89,288,696	202,929
Liquors, malt	1880	2,191	91,268,224	41,629	90.25	26,226	12	161,658,385	46,124	44,221,885	20,183
	1890	1,248	232,471,290	186,275	127.22	34,866	28	182,731,622	146,426	118,728,275	95,135
Lumber and other mill products from logs or bolts.	1880	25,708	181,186,122	7,648	77.67	147,956	6	233,268,729	9,074	87,113,344	3,389
	1890	21,611	495,339,968	23,623	122.96	286,197	14	403,667,575	19,212	172,111,957	8,102
Lumber, planing mill products, including sash, doors, and blinds.	1880	2,491	38,070,593	15,283	51.85	37,187	15	73,424,681	29,476	28,156,219	11,303
	1890	3,670	126,271,446	32,772	65.48	86,888	24	183,681,552	50,049	78,754,718	21,459
Paper	1880	692	46,241,262	66,823	83.91	24,422	35	55,109,914	79,639	21,158,617	30,576
	1890	567	82,374,099	145,281	116.85	29,568	52	74,369,388	131,057	32,086,074	56,589
Shipbuilding	1880	2,188	26,979,874	9,589	57.61	21,345	10	36,860,327	16,819	17,063,969	7,799
	1890	1,610	53,393,074	52,864	132.35	25,934	26	40,342,115	39,943	23,417,666	23,185
Shirts	1880	549	6,841,778	12,462	33.99	25,687	47	20,130,631	36,667	8,823,587	16,072
	1890	869	14,273,611	16,425	42.43	32,756	38	33,638,593	38,710	17,934,240	20,638
Silk and silk goods	1880	382	19,125,306	50,066	46.61	31,337	82	41,033,045	107,416	18,565,344	48,600
	1890	472	51,007,537	108,067	58.43	50,913	108	87,298,454	184,954	36,294,629	76,894
Slaughtering and meat packing (*d*)	1880	872	49,419,213	56,673	16.28	27,297	31	303,562,413	348,122	35,823,511	41,082
	1890	1,367	118,616,066	86,332	20.96	40,052	36	564,667,635	413,070	81,769,654	59,817
Sugar and molasses, refining	1880	49	27,432,500	559,847	17.64	5,857	120	155,484,915	3,173,162	10,780,416	220,131
	1890	303	24,013,608	61,162	19.50	7,529	19	123,118,259	313,278	15,359,448	39,083
Tobacco, chewing, smoking, and snuff	1880	477	17,207,461	36,074	32.59	32,756	69	52,793,656	116,677	18,395,984	38,566
	1890	395	30,841,316	78,079	46.84	31,267	79	65,843,587	166,693	36,651,338	92,788
Tobacco, cigars and cigarettes	1880	7,145	21,698,549	3,037	33.91	53,297	7	63,979,575	8,954	34,401,742	4,815
	1890	10,956	59,517,827	5,432	45.89	98,156	9	129,693,275	11,838	79,394,315	7,247
Woolen goods	1880	1,090	96,695,564	48,289	59.83	86,504	43	166,606,721	80,767	59,761,116	30,631
	1890	1,311	136,989,940	99,916	98.06	79,351	61	133,577,977	101,890	51,367,642	39,136
Worsted goods	1880	76	20,374,043	268,080	66.73	18,803	247	33,549,942	441,447	11,536,314	151,794
	1890	143	68,685,116	476,120	85.97	43,593	305	79,194,652	553,809	28,487,883	199,216

a In 1890 includes 160 establishments reported as "Cheese and butter, urban dairy product", and 4,552 as "Cheese, butter, and condensed milk, factory product".
b In 1890 includes 13,501 establishments reported as "Clothing, men's, custom work and repairing"; 4,867 as "Clothing, men's, factory product", and 200 as "Clothing, men's, factory product, buttonholes".
c In 1880 an establishment engaged in both tanning and currying leather was counted as 2 distinct establishments.
d In 1890 includes 249 establishments reported as "Sausage"; 611 as "Slaughtering and meat packing, wholesale", and 507 as "Slaughtering, wholesale, not including meat packing".

The census inquiry concerning manufactures was designed to obtain from each establishment a statement showing the full value of capital, whether owned, borrowed, or hired, and the total cost of the product manufactured during the census year (excluding allowance for depreciation of plant and interest on capital), and the value placed on the product at the shop or factory. The figures therefore show only the cost of manufacture and the proportion of each item of cost in the total cost.

The following statement shows for each state and territory the average amount of capital and the cost required for a product valued at $100:

AVERAGE CAPITAL REQUIRED AND COST FOR A PRODUCT VALUED AT $100, BY STATES AND TERRITORIES: 1890.

STATES AND TERRITORIES.	Number of establishments reporting.	Average amount of capital required for a product valued at $100.	COST OF PRODUCT VALUED AT $100.			
			Total (a)	Miscellaneous expenses.	Wages.	Materials.
The United States	355,415	$69.62	$86.17	$6.73	$24.36	$55.08
Alabama	2,977	90.04	85.71	5.46	24.75	55.50
Alaska	10	180.92	98.60	8.99	37.94	51.67
Arizona	76	65.08	80.34	5.20	37.80	37.34
Arkansas	2,073	66.07	84.66	4.57	25.38	54.71
California	7,923	68.79	86.58	6.08	24.15	56.35
Colorado	1,518	62.74	82.59	4.59	28.92	49.08
Connecticut	6,822	91.41	86.40	6.20	30.60	49.60
Delaware	1,003	89.68	87.58	4.93	26.33	56.32
District of Columbia	2,295	73.39	84.94	4.04	37.18	43.72
Florida	805	60.97	85.97	6.21	35.74	44.02
Georgia	4,285	82.59	82.86	5.83	25.12	51.91
Idaho	140	75.13	73.95	4.98	23.22	45.75
Illinois	20,482	55.25	85.85	8.75	18.88	58.22
Indiana	12,354	58.02	87.45	7.27	22.81	57.37
Indian territory	20	82.08	88.10	4.66	32.07	51.37
Iowa	7,440	61.99	88.69	4.58	20.70	63.41
Kansas	4,471	39.85	91.65	5.31	14.81	71.53
Kentucky	7,745	62.98	84.69	12.53	21.91	50.25
Louisiana	2,613	60.12	86.85	6.51	22.76	57.58
Maine	5,010	84.04	87.20	5.64	27.72	53.84
Maryland	7,485	69.64	83.92	6.18	24.17	53.57
Massachusetts	26,923	70.94	87.37	7.10	26.99	53.28
Michigan	12,127	94.46	86.07	6.60	23.87	55.60
Minnesota	7,505	66.49	87.91	6.32	19.89	61.70
Mississippi	1,698	79.64	84.50	4.42	26.27	53.81
Missouri	14,052	58.40	85.30	7.05	23.54	54.71
Montana	289	77.96	83.88	5.39	35.37	43.12
Nebraska	3,014	40.38	92.13	5.80	13.96	72.37
Nevada	95	109.61	84.91	4.87	40.31	39.73
New Hampshire	3,229	92.54	89.04	5.09	28.27	55.68
New Jersey	9,225	70.73	85.91	5.21	27.29	53.41
New Mexico	127	63.71	85.79	5.05	35.14	45.60
New York	65,840	66.03	85.31	7.13	27.28	50.90
North Carolina	3,667	81.10	84.08	8.25	19.39	56.44
North Dakota	382	57.57	86.06	4.71	19.95	61.40
Ohio	28,673	62.77	84.90	7.02	24.74	53.14
Oklahoma	72	52.94	83.36	12.18	39.86	31.32
Oregon	1,523	77.53	85.53	5.09	27.84	52.60
Pennsylvania	39,339	74.43	86.67	5.62	22.95	58.10
Rhode Island	3,377	88.76	86.32	6.19	26.62	53.51
South Carolina	2,382	91.70	85.37	5.61	20.64	59.12
South Dakota	499	56.45	86.06	4.72	19.33	62.01
Tennessee	4,559	71.14	84.98	5.70	23.36	55.92
Texas	5,268	66.47	82.82	5.10	26.39	51.33
Utah	531	73.87	83.32	5.12	30.48	47.72
Vermont	3,031	85.45	85.33	5.71	26.33	53.29
Virginia	5,915	71.81	87.38	8.40	22.23	56.75
Washington	1,543	82.29	83.21	5.22	30.31	47.68
West Virginia	2,376	72.65	87.91	5.67	21.53	61.31
Wisconsin	10,417	99.18	86.86	7.48	20.86	58.52
Wyoming	190	59.60	86.88	3.97	37.11	45.80

a The difference between the cost of manufacturing and the value of product at the place of production does not show the true average profit or earnings for capital, because the cost reported does not include cost for depreciation of plant or mercantile risks.

Apparent inconsistencies in this statement may be explained by reference to general Table 6, which shows the totals for each industry in the different states and territories. For instance, the cost of miscellaneous expenses in Kentucky is relatively larger than in any other state. By reference to Table 6 this is found to be due to the large amount reported as miscellaneous expenses in malt and distilled liquors, which includes internal revenue taxes. In the same way the relatively large cost of materials in Kansas is found to be due to the slaughtering and meat packing industry, in which the cost of material forms a large percentage of the total cost.

The average amount of capital required and cost for a product valued at $100, as obtained from the totals for the different geographical divisions of the states and territories, is shown by the following statement:

AVERAGE CAPITAL REQUIRED AND COST FOR A PRODUCT VALUED AT $100, BY GEOGRAPHICAL DIVISIONS: 1890.

GEOGRAPHICAL DIVISIONS.	Average amount of capital required for a product valued at $100.	COST OF PRODUCT VALUED AT $100.			
		Total. (a)	Miscellaneous expenses.	Wages.	Materials.
The United States	$69.62	$86.17	$6.73	$24.36	$55.08
North Atlantic	72.46	86.27	6.42	26.21	53.64
South Atlantic	75.45	85.14	6.30	24.71	54.13
North Central	64.18	86.45	7.30	21.28	57.87
South Central	68.79	84.85	7.63	23.77	53.45
Western	70.98	85.41	5.63	26.39	53.39

The average amount of capital required and the cost for a product valued at $100 is shown in the following statement for each of the different classes of industry for which 3 or more establishments are reported:

AVERAGE CAPITAL REQUIRED AND COST FOR A PRODUCT VALUED AT $100, BY SPECIFIED INDUSTRIES: 1890.

INDUSTRIES.	Number of establishments reporting.	Average amount of capital required for a product valued at $100.	COST OF PRODUCT VALUED AT $100.			
			Total. (a)	Miscellaneous expenses.	Wages.	Materials.
All industries	355,415	$69.62	$86.17	$6.73	$24.36	$55.08
Agricultural implements	910	178.80	79.42	13.69	26.84	38.89
Ammunition	35	66.81	63.67	4.48	16.98	42.21
Artificial feathers and flowers	251	33.95	84.23	3.53	29.53	51.17
Artificial limbs	59	39.27	67.94	8.44	39.79	19.71
Artists' materials	39	67.97	75.52	8.54	31.09	35.89
Awnings, tents, and sails	581	39.12	85.38	4.16	28.21	53.01
Axle grease	31	53.31	69.37	5.93	15.96	47.48
Babbitt metal and solder	36	32.86	90.33	1.72	6.48	82.13
Bagging, flax, hemp, and jute	16	86.49	92.11	3.17	23.50	65.44
Bags, other than paper	64	36.78	88.45	2.12	8.94	77.39
Bags, paper	56	46.22	78.91	4.31	11.55	63.05
Baking and yeast powders	150	48.44	80.75	9.53	13.52	57.70
Baskets and rattan and willow ware	403	74.38	80.31	6.89	34.93	38.49
Bellows	17	58.56	80.32	5.48	25.06	49.78
Bells	22	71.74	80.62	4.45	28.82	47.35
Belting and hose, leather	93	57.61	87.05	3.11	12.91	71.03
Belting and hose, linen	9	102.31	80.67	5.96	19.71	55.00
Belting and hose, rubber	17	95.60	87.18	5.13	18.93	63.12
Bicycle and tricycle repairing	83	57.03	83.89	7.98	53.59	22.32
Bicycles and tricycles	27	80.13	80.46	9.42	43.05	27.99
Billiard tables and materials	57	51.59	81.77	5.04	30.63	45.90
Blacking	71	48.38	79.66	9.13	19.36	51.17
Blacksmithing and wheelwrighting	28,000	63.53	80.94	4.62	49.35	26.97
Bluing	53	40.34	68.35	4.75	22.79	40.81
Bone, ivory, and lamp black	24	157.87	76.33	8.23	20.98	47.12
Bookbinding and blank-book making	805	58.95	82.76	7.11	40.45	35.20
Boot and shoe cut stock	344	30.17	92.05	2.30	12.98	76.77
Boot and shoe findings	138	51.83	83.86	4.74	22.31	56.81
Boot and shoe uppers	317	36.34	87.48	3.76	26.85	56.87
Boots and shoes, custom work and repairing	20,803	40.82	85.90	7.99	48.06	29.85
Boots and shoes, factory product	2,082	43.18	88.09	4.18	30.08	53.83
Boots and shoes, rubber	11	95.49	88.89	5.07	21.29	62.53
Bottling	716	41.64	80.51	5.36	16.72	58.43
Boxes, cigar	291	47.58	85.16	4.76	30.10	50.30
Boxes, fancy and paper	588	49.34	83.52	5.01	36.53	41.98
Boxes, wooden packing	636	51.03	85.19	3.97	25.39	55.83
Brass	14	47.40	88.44	2.08	17.12	69.24
Brass and copper, rolled	16	95.94	88.20	3.84	18.82	65.54
Brass castings and brass finishing	453	76.66	83.78	5.02	28.44	50.32
Brassware	113	79.81	88.07	6.20	29.80	52.07

a The difference between cost of manufacturing and the value of product at the place of production does not show the true average profit or earnings for capital, because the cost reported does not include cost for depreciation of plant or mercantile risks.

AVERAGE CAPITAL REQUIRED AND COST FOR A PRODUCT VALUED AT $100, ETC.—Continued.

INDUSTRIES.	Number of establishments reporting.	Average amount of capital required for a product valued at $100.	COST OF PRODUCT VALUED AT $100.			
			Total.	Miscellaneous expenses.	Wages.	Materials.
Bread and other bakery products	10,484	$35.63	$83.85	$4.97	$22.42	$56.46
Brick and tile	5,828	121.85	74.43	7.54	48.24	18.65
Bridges	137	50.12	87.37	2.99	25.98	58.40
Bronze castings	14	60.95	87.32	5.84	21.79	59.69
Brooms and brushes	1,235	54.70	83.57	4.32	30.50	48.75
Buttons	106	73.26	82.59	6.09	39.70	36.80
Calcium lights	15	66.69	82.96	6.08	45.04	31.84
Cardboard	5	57.58	82.16	3.57	13.05	65.54
Card cutting and designing	26	36.86	84.16	4.03	43.85	36.28
Carpentering	16,917	29.00	86.53	3.89	33.62	49.02
Carpets and rugs, other than rag	173	79.98	88.12	3.81	24.35	59.96
Carpets, rag	854	56.89	84.85	4.56	37.92	42.37
Carpets, wood	6	65.08	79.74	8.17	30.37	41.20
Carriage and wagon materials	539	80.11	82.51	5.05	32.03	45.43
Carriages and sleds, children's	87	77.14	85.90	6.06	32.51	46.43
Carriages and wagons, including custom work and repairing	8,614	90.97	83.90	5.26	35.09	43.55
Cars and general shop construction and repairs by steam railroad companies	716	58.85	99.21	0.07	47.73	51.41
Cars and general shop construction and repairs by street railroad companies	78	79.26	89.94	2.66	48.35	38.93
Cars, steam railroad, not including operations of railroad companies	71	62.27	90.22	2.46	24.02	63.74
Cars, street railroad, not including operations of railroad companies	17	74.75	91.29	4.25	35.58	51.46
Celluloid and celluloid goods	12	122.62	76.00	18.71	24.05	33.24
Cheese and butter, urban dairy product	160	29.63	91.76	2.99	13.40	75.37
Cheese, butter, and condensed milk, factory product	4,552	26.41	91.94	1.34	8.44	82.16
Chemicals	563	92.72	80.54	7.44	16.33	56.77
China, decorating	78	58.95	78.72	5.65	30.03	43.04
Chocolate and cocoa products	11	62.30	88.16	5.52	14.13	68.51
Cigar molds	7	99.57	69.07	3.93	31.94	33.20
Clay and pottery products	707	118.45	80.51	9.08	45.96	25.47
Cleansing and polishing preparations	56	35.13	69.28	4.71	20.44	44.13
Clock cases and materials	4	99.60	78.84	5.24	46.98	26.62
Clocks	27	135.43	86.70	6.46	45.77	34.47
Cloth, sponging and refinishing	23	57.36	79.77	10.13	61.10	8.54
Clothing, horse	31	65.42	73.07	3.68	19.93	49.46
Clothing, men's, custom work and repairing	13,591	42.87	84.75	6.27	38.47	40.01
Clothing, men's, factory product	4,867	51.09	84.30	8.15	24.82	51.33
Clothing, men's, factory product, buttonholes	200	24.25	83.80	5.86	67.21	10.73
Clothing, women's, dressmaking	19,587	22.57	85.76	5.57	39.20	40.99
Clothing, women's, factory product	1,224	31.19	83.20	5.31	27.60	50.29
Coffee and spice, roasting and grinding	358	22.65	93.89	1.64	4.35	87.90
Coffins and burial cases, trimming and finishing	1,368	77.30	78.37	5.70	25.69	46.98
Coffins, burial cases, and undertakers' goods	194	90.74	81.14	6.72	29.07	45.35
Coke	218	105.85	97.52	2.39	25.37	69.76
Collars and cuffs, paper	3	78.97	92.77	2.53	16.15	74.09
Combs	31	72.71	82.12	5.99	42.42	33.71
Confectionery	2,921	41.66	82.25	5.90	20.78	55.57
Cooperage	2,652	46.11	86.94	3.29	30.21	53.44
Cordage and twine	150	70.10	88.88	3.06	13.62	72.20
Cordials and sirups	40	41.17	83.30	6.37	12.24	64.69
Cork, cutting	65	65.81	83.94	4.21	26.85	52.88
Corsets	205	53.54	85.75	7.33	32.76	45.66
Cotton, cleaning and rehandling	13	22.11	91.54	2.29	10.29	78.96
Cotton, compressing	52	299.71	68.88	12.37	46.82	9.69
Cotton, ginning	1,637	136.10	63.36	7.43	33.02	22.91
Cotton goods	905	132.11	89.98	6.24	25.93	57.81
Cotton ties	3	188.08	84.80	8.40	26.36	50.04
Cotton waste	31	37.34	94.51	2.92	8.09	83.50
Crucibles	10	124.97	85.70	10.64	20.53	54.53
Cutlery and edge tools	474	108.75	82.57	7.11	44.27	31.19
Dentistry, mechanical	3,214	51.11	74.10	11.07	44.27	18.76
Dentists' materials	24	112.07	87.39	15.65	33.44	38.30
Druggists' preparations, not including prescriptions	1,805	69.44	75.30	9.97	29.11	36.22
Drug grinding	13	77.36	76.27	8.52	23.72	44.03
Dyeing and cleaning	976	57.73	79.09	9.97	48.17	20.95
Dyeing and finishing textiles	248	133.05	87.30	10.83	33.62	42.85
Dye stuffs and extracts	62	93.04	87.93	4.09	13.88	69.96
Electrical apparatus and supplies	189	99.39	80.25	6.04	28.07	46.14
Electric light and power	144	707.44	72.49	15.79	32.54	24.16
Electroplating	313	65.71	79.81	5.86	40.38	33.57
Emery wheels	17	113.30	61.99	11.17	25.14	25.68
Enameled goods	19	78.84	75.16	5.36	43.13	26.67
Enameling	27	39.53	95.32	8.66	57.53	29.13
Engravers' materials	16	68.67	85.04	6.85	47.77	30.42
Engraving and diesinking	382	36.33	80.19	6.87	53.45	19.87
Engraving, steel, including plate printing	134	87.34	83.05	4.66	56.20	22.19
Engraving, wood	285	30.92	78.50	6.87	01.49	10.14
Envelopes	41	66.28	81.05	7.13	21.80	52.12
Fancy articles, not elsewhere specified	377	49.61	79.01	5.75	34.92	38.34
Felt goods	34	95.83	87.74	5.00	22.37	60.37
Fertilizers	390	103.61	83.14	7.12	11.92	64.10
Files	140	94.10	82.24	4.10	45.47	32.67
Firearms	34	159.88	81.74	6.93	58.18	16.63
Fire extinguishers, chemical	9	207.18	68.66	9.63	29.55	29.48
Fireworks	22	85.61	72.15	4.30	35.96	31.89
Fish, canning and preserving	110	45.71	89.50	4.03	17.91	67.56
Flags and banners	29	82.51	78.61	4.41	31.29	42.91

AVERAGE CAPITAL REQUIRED AND COST FOR A PRODUCT VALUED AT $100, ETC.—Continued.

INDUSTRIES.	Number of establishments reporting.	Average amount of capital required for a product valued at $100.	COST OF PRODUCT VALUED AT $100.			
			Total.	Miscellaneous expenses.	Wages.	Materials.
Flavoring extracts	148	$52.09	$77.47	$5.87	$19.90	$54.70
Flax, dressed	6	138.76	92.84	4.64	23.15	65.05
Flouring and grist mill products	18,470	40.56	92.29	2.56	5.26	84.47
Food preparations	302	47.61	76.77	6.25	12.88	57.64
Foundry and machine shop products	6,475	92.75	83.40	5.97	35.96	41.47
Foundry supplies	21	101.10	83.86	7.92	22.72	53.22
Fruit jar trimmings	5	127.85	59.35	4.20	20.78	34.37
Fruits and vegetables, canning and preserving	886	51.29	84.38	4.32	17.56	62.50
Fur goods	484	54.15	84.56	4.21	23.14	57.21
Furnishing goods, men's	586	41.17	84.37	7.80	25.41	51.16
Furniture, cabinetmaking, repairing and upholstering	4,054	53.85	82.68	5.89	35.94	40.85
Furniture, chairs	340	85.30	79.87	6.88	34.02	38.97
Furniture, factory product	1,579	69.98	82.88	5.66	36.33	40.89
Furs, dressed	26	40.98	77.38	2.04	44.14	31.20
Galvanizing	27	44.03	84.98	3.35	16.00	65.63
Gas and lamp fixtures	108	92.25	84.27	10.14	45.91	28.22
Gas, illuminating and heating	742	454.09	57.00	13.69	18.68	24.63
Gas machines and meters	38	87.21	81.05	5.72	38.59	36.74
Gas stoves	24	56.11	74.26	5.55	29.41	39.30
Glass	294	99.80	88.98	5.52	53.88	29.58
Glass, cutting, staining, and ornamenting	279	41.12	81.39	4.47	40.99	35.93
Gloves and mittens	324	59.16	84.70	4.23	30.77	49.70
Glucose	7	77.24	89.30	11.99	12.56	64.84
Glue	62	113.79	87.94	9.86	19.28	58.80
Gold and silver, leaf and foil	81	37.11	90.07	1.57	26.89	61.61
Gold and silver, reducing and refining, not from the ore	38	14.87	97.18	1.11	2.41	93.66
Graphite	3	70.72	76.58	9.15	19.12	48.31
Grease and tallow	233	58.01	86.87	3.72	14.44	68.71
Grindstones	9	64.42	79.77	4.74	46.61	28.42
Gunpowder	37	142.32	77.62	14.21	14.85	48.56
Hairwork	492	54.76	80.31	11.34	34.98	33.99
Hammocks	6	108.75	80.10	5.59	30.47	44.04
Hand knit goods	28	38.13	82.91	9.89	30.12	42.90
Hand stamps	234	63.07	76.39	7.99	41.08	27.32
Hardware	350	98.30	84.17	8.98	37.08	38.11
Hardware, saddlery	102	81.99	83.12	6.09	37.57	39.46
Hat and cap materials	73	49.33	87.99	4.22	24.36	59.41
Hats and caps, not including wool hats	705	36.78	85.56	4.43	37.82	43.31
Hay and straw, baling	72	39.37	85.93	2.88	14.14	68.91
High explosives	32	85.42	64.33	4.56	11.89	47.88
Hones and whetstones	9	180.91	66.91	3.54	51.67	11.70
Hooks and eyes	10	75.74	85.42	5.56	25.01	54.85
Horseshoes, factory product	4	117.03	76.07	3.79	25.48	46.80
Hosiery and knit goods	796	75.26	85.88	5.39	27.16	53.33
Horse furnishing goods, not elsewhere specified	133	83.14	83.61	4.39	21.32	57.90
Ice, artificial	222	200.91	58.34	9.74	29.41	19.19
Ink, printing	35	78.39	74.22	6.84	19.18	48.20
Ink, writing	38	70.21	76.96	4.23	26.71	46.02
Instruments, professional and scientific	233	91.58	76.67	6.23	49.09	21.35
Iron and steel	645	86.48	92.21	3.93	19.65	68.63
Iron and steel, bolts, nuts, washers, and rivets	82	87.20	87.41	4.83	28.06	54.52
Iron and steel, doors and shutters	7	48.07	81.79	4.76	43.37	33.66
Iron and steel, forgings	90	79.09	87.16	4.96	29.18	53.92
Iron and steel, nails and spikes, cut and wrought, including wire nails	138	71.10	93.56	3.64	22.84	67.08
Iron and steel, pipe, wrought	22	59.68	86.87	2.89	15.42	68.56
Ironwork, architectural and ornamental	724	58.20	84.55	3.56	31.66	49.33
Ivory and bone work	64	98.75	89.68	5.80	35.83	48.05
Japanning	39	81.46	85.03	6.25	44.52	34.26
Jewelry	783	64.00	80.20	4.30	29.55	46.35
Jewelry and instrument cases	76	43.66	78.52	4.86	40.41	33.25
Jute and jute goods	7	146.92	94.79	15.92	34.96	44.81
Kaolin and other earth grinding	95	117.13	80.99	7.82	26.14	46.73
Kindling wood	136	54.10	88.82	7.22	32.16	49.44
Labels and tags	47	61.70	80.43	5.81	36.24	38.38
Lamps and reflectors	93	63.13	75.77	4.90	32.69	38.18
Lapidary work	29	31.89	75.29	4.21	31.52	39.56
Lard, refined	17	25.20	91.42	5.46	4.19	81.77
Lasts	52	73.19	77.89	5.02	46.14	26.73
Lead, bar, pipe, and sheet	28	58.58	91.51	2.50	6.61	82.40
Leather board	8	96.13	72.09	6.51	19.88	45.70
Leather, dressed skins	38	40.53	89.81	2.89	19.36	67.56
Leather goods	139	53.42	83.25	3.42	26.25	53.58
Leather, morocco	121	46.74	89.85	3.19	17.50	69.16
Leather, patent and enameled	32	63.18	84.65	3.36	20.81	60.48
Leather, tanned and curried	1,596	58.77	88.41	3.12	12.89	72.40
Lightning rods	22	90.35	75.63	4.25	27.35	44.03
Lime and cement	873	119.12	77.03	6.25	34.77	36.01
Linen goods	3	169.02	94.05	11.98	32.93	49.14
Liquors, distilled	440	29.76	79.56	62.55	2.70	14.31
Liquors, malt	1,248	127.22	76.98	26.42	15.53	35.03
Liquors, vinous	236	203.53	72.70	9.50	16.89	46.31
Lithographing and engraving	219	86.11	80.98	6.42	39.73	34.83
Lock and gun smithing	1,308	59.20	82.54	8.83	47.63	26.08
Looking-glass and picture frames	1,290	52.24	81.50	6.23	32.10	43.17
Lumber and other mill products from logs or bolts	21,011	122.96	84.10	4.99	21.75	57.36

AVERAGE CAPITAL REQUIRED AND COST FOR A PRODUCT VALUED AT $100, ETC.—Continued.

INDUSTRIES.	Number of establishments reporting.	Average amount of capital required for a product valued at $100.	COST OF PRODUCT VALUED AT $100.			
			Total.	Miscellaneous expenses.	Wages.	Materials.
Lumber, planing mill products, including sash, doors, and blinds	3,670	$65.48	$87.37	$3.59	$26.66	$57.12
Malt	202	103.63	87.48	5.57	8.97	72.94
Mantels, slate, marble, and marbleized	90	59.30	80.72	3.48	37.12	40.12
Marble and stone work	1,321	57.35	84.53	4.23	41.58	38.72
Masonry, brick and stone	5,969	27.09	88.17	2.98	37.06	48.13
Matches	27	88.49	73.12	5.69	24.81	42.62
Mats and matting	24	64.51	88.84	4.38	34.91	49.55
Mattresses and spring beds	696	42.48	83.33	4.34	23.34	55.65
Millinery and lace goods	278	36.74	81.91	4.11	30.21	47.59
Millinery, custom work	5,999	44.10	82.00	7.09	24.19	50.72
Millstones	4	104.87	80.14	3.45	37.89	38.80
Mineral and soda waters	1,377	75.12	70.06	8.96	29.31	31.79
Mirrors	45	28.26	74.61	2.83	17.22	54.56
Models and patterns	449	54.88	80.00	5.96	56.58	17.46
Monuments and tombstones	2,052	63.24	79.99	4.69	38.36	36.94
Mucilage and paste	55	58.66	80.05	5.29	15.62	59.14
Musical instruments and materials, not specified	293	70.39	82.14	9.45	45.65	27.04
Musical instruments, organs and materials	145	107.35	80.02	8.91	33.61	37.50
Musical instruments, pianos and materials	236	71.53	82.33	5.41	36.28	40.64
Needles and pins	45	120.07	82.48	4.73	48.03	29.72
Nets and seines	22	113.33	90.45	5.38	21.75	63.32
Oakum	7	75.86	81.30	1.81	15.72	63.77
Oil, castor	7	108.45	92.38	4.94	12.23	75.21
Oil, cottonseed and cake	119	66.24	90.17	6.02	9.87	74.28
Oil, essential	67	39.95	78.83	13.47	14.65	50.71
Oil, illuminating, not including petroleum, refining	5	93.63	85.41	2.58	9.07	73.76
Oil, lard	7	40.75	93.56	8.69	6.96	77.91
Oil, linseed	62	59.50	93.40	5.63	5.46	82.32
Oil, lubricating	124	47.26	78.16	10.73	10.12	57.31
Oil, resin	8	38.46	86.49	2.83	11.19	72.47
Oilcloth, enameled	9	48.20	78.76	4.17	13.25	61.34
Oilcloth, floor	19	95.53	88.04	5.05	21.61	61.38
Oleomargarine	12	21.23	93.92	12.90	8.23	72.79
Optical goods	191	74.39	81.36	6.50	37.09	37.77
Ordnance and ordnance stores	4	315.10	76.78	0.78	45.34	30.66
Oysters, canning and preserving	16	33.95	88.37	2.46	21.85	64.06
Painting and paper hanging	10,043	31.24	85.68	3.55	50.93	31.20
Paints	382	84.10	83.03	7.52	13.86	61.65
Paper	567	110.85	83.76	8.44	18.50	56.82
Paper goods, not elsewhere specified	66	60.93	86.79	5.61	18.31	62.87
Paper hangings	27	76.83	76.78	8.88	19.84	48.06
Paper patterns	27	41.36	77.85	14.53	40.73	22.59
Patent medicines and compounds	1,127	57.01	71.09	21.65	15.62	33.82
Paving and paving materials	704	41.27	83.17	3.74	34.10	45.33
Pencil cases	6	40.51	76.32	3.60	36.54	36.18
Pencils, lead	5	183.75	90.76	9.16	34.41	47.19
Pens, fountain and stylographic	15	40.44	67.77	3.52	29.22	35.03
Pens, gold	18	66.01	80.63	11.52	36.30	32.81
Pens, steel	3	148.80	80.19	2.35	56.73	21.11
Perfumery and cosmetics	157	48.35	74.03	9.10	18.96	45.97
Petroleum, refining	94	91.08	90.55	2.43	8.22	79.90
Photographic apparatus	25	58.11	80.38	4.53	49.48	26.37
Photographic materials	45	55.28	81.88	4.31	25.37	52.20
Photography	3,105	50.39	76.77	10.28	41.36	25.13
Photolithographing and engraving	89	54.78	80.87	7.00	47.74	26.13
Pickles, preserves, and sauces	316	50.18	77.87	5.40	18.05	54.42
Pipes, tobacco	69	76.16	77.25	5.08	38.86	33.31
Plastering and stuccowork	1,746	24.58	85.98	2.32	50.85	32.81
Plated and britannia ware	68	114.33	84.33	11.10	32.82	40.41
Plumbers' supplies	122	80.92	81.18	4.61	27.63	48.94
Plumbing and gas fitting	6,327	36.26	85.27	3.08	35.55	46.64
Pocketbooks	62	51.81	80.03	4.71	30.57	44.75
Printing and publishing, book and job	4,098	71.78	81.38	11.61	38.35	31.42
Printing and publishing, music	79	107.89	72.01	21.51	26.65	23.85
Printing and publishing, newspapers and periodicals	12,362	70.20	79.66	19.86	38.14	21.66
Printing materials	64	93.91	80.55	8.35	33.31	38.89
Printing, tin	27	42.03	81.54	7.32	43.03	31.19
Pulp goods	9	118.57	87.38	13.11	39.43	34.84
Pulp, wood	82	161.10	80.68	10.80	26.55	43.33
Pulp from fiber, other than wood	7	111.37	48.33	6.33	17.79	24.21
Pumps, not including steam pumps	256	86.27	74.37	5.49	27.91	40.97
Refrigerators	82	74.60	86.98	6.54	27.76	52.68
Regalia and society banners and emblems	137	67.47	79.27	7.74	32.61	38.92
Registers, car fare	7	52.88	77.69	9.27	45.34	23.08
Registers, cash	5	22.80	52.56	1.31	33.88	17.37
Rice, cleaning and polishing	32	30.98	90.67	2.21	4.77	83.69
Roofing and roofing materials	2,140	45.23	82.92	3.80	29.10	50.02
Rubber and elastic goods	139	73.25	89.60	6.06	24.14	59.40
Rules, ivory and wood	16	112.16	77.59	7.25	48.08	22.26
Saddlery and harness	7,931	66.73	81.87	5.03	30.26	46.58
Safes and vaults	39	69.30	84.24	8.50	36.06	39.68
Salt	200	245.01	78.10	12.29	32.50	33.31
Sand and emery paper and cloth	9	56.49	83.95	8.89	12.52	62.54
Sausage	249	36.94	85.50	3.78	18.38	63.34
Saws	95	113.29	83.29	7.82	33.37	42.10

AVERAGE CAPITAL REQUIRED AND COST FOR A PRODUCT VALUED AT $100, ETC.—Continued.

INDUSTRIES.	Number of establishments reporting.	Average amount of capital required for a product valued at $100.	COST OF PRODUCT VALUED AT $100.			
			Total.	Miscellaneous expenses.	Wages.	Materials.
Scales and balances	76	$71.41	$73.08	$4.65	$36.06	$37.37
Screws, machine	20	141.32	79.49	6.25	45.21	28.03
Screws, wood	7	239.50	78.94	13.35	26.88	38.71
Sewing machine cases	7	63.59	87.07	3.62	39.42	44.03
Sewing machine repairing	166	49.90	87.01	12.42	52.10	22.49
Sewing machines and attachments	59	125.11	82.17	14.54	40.32	27.31
Shipbuilding	1,010	132.35	85.13	3.45	39.73	41.95
Shirts	869	42.43	85.02	6.51	31.82	46.69
Shoddy	94	47.60	89.99	3.02	10.86	76.11
Show cases	99	47.01	81.76	5.73	34.10	41.93
Silk and silk goods	472	58.43	85.85	4.88	22.54	58.43
Silversmithing	24	66.09	77.01	3.34	40.81	32.86
Silverware	30	91.47	75.37	10.90	27.84	36.63
Slaughtering and meat packing, wholesale	611	22.66	93.18	3.05	5.42	84.71
Slaughtering, wholesale, not including meat packing	507	14.57	94.92	1.96	4.17	88.79
Smelting and refining	50	33.44	95.36	1.68	3.98	89.70
Soap and candles	573	56.93	84.86	7.70	11.36	65.80
Soda water apparatus	12	123.71	78.37	14.05	26.85	37.47
Sporting goods	136	62.51	77.63	3.75	32.55	41.33
Springs, steel, car and carriage	57	79.87	82.48	4.12	27.12	51.24
Stamped ware	99	82.98	85.48	6.02	29.53	49.93
Starch	80	55.17	83.39	12.40	13.31	57.68
Stationery goods, not elsewhere specified	200	57.82	85.69	4.58	24.41	56.70
Steam fittings and heating apparatus	217	73.52	85.15	6.42	32.81	45.92
Steam packing	34	53.68	68.59	10.09	22.84	35.66
Stencils and brands	106	60.76	78.05	8.03	47.14	22.88
Stereotyping and electrotyping	81	61.00	79.29	7.41	48.95	22.93
Straw goods, not elsewhere specified	6	32.35	81.52	4.15	36.48	40.89
Sugar and molasses, refining	303	19.50	94.62	4.81	2.29	87.52
Surgical appliances	155	51.90	76.28	11.20	33.29	31.79
Tar and turpentine	670	50.29	74.12	2.21	36.32	35.59
Taxidermy	63	126.47	69.17	8.78	44.11	16.28
Teasels	5	72.40	86.22	1.28	25.48	59.46
Timber products, not manufactured at mill	1,606	170.47	80.34	15.13	33.11	32.10
Tinsmithing, coppersmithing, and sheet-iron working	7,002	57.66	82.95	4.55	31.56	46.84
Tobacco, chewing, smoking, and snuff	395	46.84	86.91	29.56	13.01	44.34
Tobacco, cigars and cigarettes	10,656	45.89	86.93	13.63	34.52	38.78
Tobacco, stemming and rehandling	292	35.38	90.65	2.62	8.98	79.05
Tools, not elsewhere specified	462	108.06	80.72	7.94	39.37	33.41
Toys and games	139	74.17	82.25	7.56	35.92	38.77
Trunks and valises	395	63.77	82.07	6.13	32.47	43.47
Typefounding	38	126.84	78.45	6.05	35.79	36.61
Typewriters and supplies	30	30.17	49.80	3.30	29.70	17.43
Umbrellas and canes	435	41.00	85.17	6.98	23.27	54.92
Upholstery materials	152	77.23	82.18	4.26	25.36	52.56
Varnish	140	81.98	78.76	9.50	12.68	56.58
Vault lights and ventilators	15	38.48	81.57	5.57	35.26	40.74
Vinegar and cider	694	88.11	71.77	5.34	17.28	49.15
Washing machines and clothes wringers	163	68.82	81.41	3.31	23.68	54.42
Watch and clock materials	32	84.06	80.82	3.70	37.15	39.97
Watch cases	45	54.85	87.98	5.14	24.56	58.28
Watch, clock, and jewelry repairing	4,502	56.58	82.12	9.79	51.54	20.79
Watches	19	167.01	89.54	12.12	60.96	16.46
Whalebone and rattan	9	32.41	91.10	1.95	7.86	81.29
Wheelbarrows	26	94.16	86.14	7.26	25.09	53.79
Whips	31	75.79	74.85	11.42	25.28	38.15
Windmills	77	99.52	80.29	6.94	27.94	45.41
Window shades	182	45.10	87.42	14.05	15.56	57.81
Wire	24	52.73	89.36	2.03	19.01	68.32
Wirework, including wire rope and cable	569	75.60	84.66	5.52	25.61	53.53
Wood, preserving	4	183.11	73.95	9.33	29.28	35.34
Wood, turned and carved	872	71.53	80.43	5.71	38.64	36.08
Woodenware, not elsewhere specified	167	75.37	81.64	5.59	34.39	41.66
Wool hats	32	77.72	82.84	4.68	25.59	52.57
Woolen goods	1,311	98.06	89.20	6.29	21.32	61.59
Worsted goods	143	85.97	90.29	6.21	20.05	64.03
Zinc	8	33.84	91.90	2.58	21.94	67.38
All other industries (a)	12	93.96	83.24	6.99	19.80	56.45

a Industries in which less than 3 establishments are reported are grouped, in order to avoid disclosing the operations of individual establishments. These establishments are distributed as follows: fuel, artificial, 2; phonographs and graphophones, 2; racking hose, 1; rubber, vulcanized, 1; sugar and molasses, beet, 2; thread, linen, 2; tinfoil, 2.

In this and in the two preceding statements presenting similar computations for the different states and territories, also for geographical divisions, the value of hired property is not included in the capital. This will account, in part, for the small average capital shown for some industries. In "Clothing, women's, dressmaking", for instance, the average amount of capital required for a product valued at $100 is given as $22.57. A large percentage of the persons engaged in this industry carry on their business in rooms rented for that purpose, and as only the capital owned by the manufacturer is included in the total capital, the aggregate reported for the industry is comparatively small. The amount expended for miscellaneous expenses for a product valued at $100 in "Cars and general shop construction and repairs by steam railroad companies" is given as 7 cents. This small amount is due to the fact that the majority of the railroad companies reported no expenses of a miscellaneous character for their repair shops, materials and wages being the only items of expense reported as charged to this branch. "Miscellaneous expenses" includes internal revenue taxes, therefore the proportion assigned to "Liquors, distilled and malt", is exceptionally large.

In some industries, of which "Cloth, sponging and refinishing", is an example, the amount expended for materials is comparatively small, which is because a number of establishments use only the materials furnished by others. In such instances the value of product is simply the amount received for the labor performed, and the cost of materials only includes the cost of incidental materials, such as soap, oil, chemicals, dye stuffs, thread, needles, and buttons.

General Table 5, giving the different industries by totals for states and territories, will be found of assistance in analyzing the results presented in the above statement.

The sum of the wages, materials, and miscellaneous expenses for the United States amounts to $8,076,485,640; as previously stated, the difference between this amount, shown as cost, and the $9,372,437,283 reported as the value of products, can not be accepted as profit or return to capital. Wages forms 28.27 per cent of the total cost, materials 63.91 per cent, and miscellaneous expenses 7.82 per cent. The percentages that the different items of cost are of the total cost of manufacture vary in the different states and territories. This is shown by the following statement, which shows the cost and the amount and percentage for each item in 6 selected industries in 15 states, by states:

TOTAL COST OF MANUFACTURE AND THE AMOUNT AND PERCENTAGE FOR EACH ITEM OF COST FOR 6 SELECTED INDUSTRIES IN 15 STATES: 1890.

STATES.	AGRICULTURAL IMPLEMENTS.							BOOTS AND SHOES, FACTORY PRODUCT.						
	Total cost.	Miscellaneous expenses.		Wages.		Materials.		Total cost.	Miscellaneous expenses.		Wages.		Materials.	
		Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.		Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
California	$1,228,750	$97,958	7.97	$555,016	45.17	$575,776	46.86	$2,927,457	$141,266	4.82	$1,261,919	43.11	$1,524,272	52.07
Colorado														
Georgia	633,817	33,021	5.21	174,811	27.58	425,985	67.21	16,155	1,034	6.40	7,204	44.59	7,917	49.01
Illinois	19,152,663	3,592,439	18.76	5,457,716	28.49	10,102,508	52.75	7,367,318	388,001	5.27	2,047,331	27.79	4,931,986	66.94
Kentucky	1,008,590	110,449	10.95	357,182	35.41	540,965	53.64	438,660	33,640	7.67	138,810	31.64	266,210	60.69
Maryland	185,415	58,146	31.36	78,271	42.21	48,998	26.43	1,275,053	30,953	2.43	521,048	40.86	723,052	56.71
Massachusetts	1,195,038	81,876	6.85	448,927	37.57	664,235	55.58	104,446,113	5,568,233	5.33	34,949,698	33.46	63,928,182	61.21
Missouri	1,926,543	88,504	8.63	415,849	40.51	522,130	50.86	4,073,513	305,194	7.49	1,247,292	30.62	2,521,027	61.89
New York	9,186,348	2,263,680	24.64	3,179,511	34.61	3,743,157	40.75	20,756,084	812,099	3.91	7,560,134	36.42	12,383,851	59.67
Ohio	11,715,553	2,008,481	17.15	4,052,712	34.59	5,654,360	48.26	7,310,655	257,369	3.52	2,573,080	35.20	4,480,206	61.28
Pennsylvania	2,204,183	262,430	11.91	898,490	40.76	1,043,263	47.33	8,722,470	311,684	3.57	3,398,690	38.97	5,012,096	57.46
Tennessee	261,231	20,740	7.94	121,666	46.65	118,625	45.41							
Texas	220,841	13,159	5.96	90,838	41.13	116,844	52.91	74,607	1,199	1.61	30,508	40.89	42,900	57.50
Virginia	573,982	35,183	6.13	243,023	42.34	295,776	51.53	1,098,134	83,682	7.62	139,888	12.74	874,564	79.64
Washington														

STATES.	FLOURING AND GRIST MILL PRODUCTS.							FOUNDRY AND MACHINE SHOP PRODUCTS.						
	Total cost.	Miscellaneous expenses.		Wages.		Materials.		Total cost.	Miscellaneous expenses.		Wages.		Materials.	
		Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.		Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
California	$13,300,422	$434,921	3.27	$817,691	6.15	$12,047,810	90.58	$6,639,022	$379,824	5.72	$2,944,129	44.35	$3,315,069	49.93
Colorado	3,482,239	126,540	3.63	199,780	5.74	3,155,919	90.63	1,475,230	84,193	5.71	686,007	46.50	705,030	47.79
Georgia	4,762,027	103,985	2.18	301,342	6.33	4,356,700	91.49	1,720,110	124,362	7.23	842,449	48.98	753,299	43.79
Illinois	34,087,762	905,299	2.61	2,048,716	5.91	31,733,747	91.48	30,453,755	2,220,217	7.29	10,919,656	35.86	17,313,882	56.85
Kentucky	8,824,547	272,883	3.09	633,747	7.18	7,917,317	89.73	4,704,839	289,727	6.16	1,747,719	37.15	2,667,393	56.69
Maryland	6,421,833	236,607	3.68	406,353	6.33	5,778,873	89.99	4,029,683	241,148	5.99	1,913,027	47.47	1,875,508	46.54
Massachusetts	6,515,307	169,674	2.60	386,153	5.93	5,959,480	91.47	32,981,586	3,040,866	9.22	15,492,917	46.97	14,447,803	43.81
Missouri	31,988,158	966,124	3.02	1,811,395	5.66	29,210,639	91.32	11,348,480	991,125	8.73	4,538,346	39.99	5,819,009	51.28
New York	48,731,027	1,410,681	2.89	2,430,231	4.99	44,890,115	92.12	59,074,828	4,637,952	7.85	27,162,924	45.98	27,273,952	46.17
Ohio	36,336,003	908,517	2.50	2,008,630	5.53	33,418,856	91.97	37,019,494	2,633,738	7.12	15,053,449	40.66	19,332,307	52.22
Pennsylvania	36,207,030	865,868	2.39	2,102,181	5.81	33,238,981	91.80	57,005,941	3,672,673	6.44	24,058,082	42.20	29,275,186	51.36
Tennessee	11,420,700	184,936	1.62	643,012	5.63	10,592,752	92.75	3,557,384	228,927	6.44	1,414,049	39.75	1,914,408	53.81
Texas	9,086,759	260,816	2.87	531,940	5.85	8,294,003	91.28	1,422,600	80,101	5.63	607,498	42.70	735,001	51.67
Virginia	10,786,404	279,669	2.59	657,591	6.10	9,849,144	91.31	2,369,890	129,639	5.47	1,034,024	43.63	1,206,227	50.90
Washington	2,239,933	85,764	3.83	140,865	6.29	2,013,304	89.88	1,114,640	58,760	5.27	496,222	44.52	559,652	50.21

STATES.	LUMBER, PLANING MILL PRODUCTS, INCLUDING SASH, DOORS, AND BLINDS.							WOOLEN GOODS.						
	Total cost.	Miscellaneous expenses.		Wages.		Materials.		Total cost.	Miscellaneous expenses.		Wages.		Materials.	
		Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.		Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
California	$4,383,028	$228,869	5.25	$1,778,584	40.76	$2,355,575	53.99	$1,244,898	$168,324	13.52	$287,658	23.11	$788,916	63.37
Colorado	3,530,625	82,234	2.33	846,370	23.97	2,602,021	73.70							
Georgia	3,031,865	126,193	4.16	998,302	32.93	1,907,370	62.91	139,287	10,887	7.82	32,401	23.26	95,999	68.92
Illinois	18,045,685	684,019	3.79	5,649,437	31.31	11,712,229	64.90	1,213,249	110,159	9.08	313,780	25.86	789,310	65.06
Kentucky	2,729,569	88,000	3.22	768,241	28.15	1,873,328	68.63	2,096,545	176,755	8.43	554,544	26.45	1,365,246	65.12
Maryland	2,919,442	131,296	4.50	782,391	26.80	2,005,755	68.70	563,228	14,442	2.57	123,931	22.00	424,855	75.43
Massachusetts	7,100,657	324,138	4.56	2,471,628	34.81	4,304,891	60.63	32,019,852	2,618,078	8.18	7,586,575	23.69	21,815,199	68.13
Missouri	5,029,045	202,975	4.04	1,582,409	31.46	3,243,661	64.50	464,066	29,775	6.41	122,410	26.38	311,881	67.21
New York	29,991,360	1,343,493	4.48	8,952,316	29.85	19,695,551	65.67	4,330,955	353,245	8.16	1,046,778	24.17	2,930,932	67.67
Ohio	11,329,880	426,367	3.76	3,218,325	28.41	7,685,188	67.83	1,356,961	100,326	7.39	294,365	21.69	962,270	70.92
Pennsylvania	15,081,545	620,568	3.92	4,862,796	30.43	10,492,181	65.65	26,285,180	1,356,208	5.16	5,729,982	21.80	19,198,990	73.04
Tennessee	2,923,752	104,017	3.56	893,061	30.54	1,926,674	65.90	1,055,956	56,263	5.33	239,657	22.69	760,036	71.98
Texas	2,264,541	81,848	3.62	627,767	27.72	1,554,926	68.66	344,735	17,333	5.03	138,795	40.26	188,607	54.71
Virginia	1,902,356	82,994	4.36	567,071	29.81	1,252,291	65.83	536,170	43,972	8.20	117,023	21.83	375,175	69.97
Washington	1,753,215	48,087	2.74	703,732	40.14	1,001,396	57.12							

SELECTED INDUSTRIES.

General Table 8 (Part I) gives in a detailed form the statistics for 8 selected industries, presented in alphabetical order, as follows: "Agricultural implements"; "Boots and shoes, factory product"; "Carriages and wagons, factory product"; "Cheese, butter, and condensed milk"; "Flouring and grist mill products"; "Leather, tanned and curried"; "Paper"; "Slaughtering and meat packing". In Table 7 the totals for each of these industries except "Carriages and wagons, factory product" are compared with similar statistics for 1880.

The method of obtaining the average weekly earnings per employé shown in Table 8 is described in the remarks on employés and wages. It must be remembered that the time used in making this calculation is the time which the entire establishment reports as having been in operation during the year, and not the absolute time each employé reported for each class was engaged.

The lack of uniformity on the part of manufacturers in assigning the employés to the two classes, skilled and unskilled, will account for some of the discrepancies between the average earnings for these classes. Numerous other circumstances affecting the average annual and average weekly earnings are explained in the preceding text and in the remarks on the statistics of the 165 principal cities in Part II.

AGRICULTURAL IMPLEMENTS.

The number of establishments reported for "Agricultural implements" has decreased 1,033, or 53.17 per cent, during the 10 years from 1880 to 1890, while the number of employés has increased 2,964, or 7.49 per cent, and the value of products $12,631,165, or 18.40 per cent. The concentration of the industry and the increase in the size of the establishments are indicated by the facts that in 1880 the average establishment employed 20 hands and returned a product valued at $35,327, while in 1890 an average of 47 employés is shown for each establishment, with a product valued at $89,310. In 1880 Ohio reported the greatest number of employés and the largest product for this industry. In 1890 Illinois ranks first, reporting 10,417 employés, with a product valued at $24,609,660.

There are 476 females reported for the industry in 1890, as compared with 73 in 1880, while the number of children decreased from 1,194 in 1880 to 212 in 1890. The average weekly earnings for skilled male operatives during the census year was $10.95, and $7.97 for the unskilled.

The following statement shows the average weekly earnings of skilled and of unskilled male employés reported for this industry in the 5 states reporting the largest number of employés in 1890:

AVERAGE WEEKLY EARNINGS OF SKILLED AND OF UNSKILLED MALE EMPLOYÉS IN 5 SELECTED STATES, AGRICULTURAL IMPLEMENTS: 1890.

STATES.	AVERAGE WEEKLY EARNINGS, MALES ABOVE 16 YEARS.	
	Operatives and skilled.	Unskilled.
Illinois	$11.68	$8.89
Indiana	10.21	8.20
New York	11.63	7.47
Ohio	10.55	7.98
Wisconsin	10.62	7.67

The classification of the products for this industry is not the same as that adopted in 1880, the changes being due in part to the different classes of implements reported at the two censuses. The following comparative statement, however, presents the number of the different implements common to the reports of the two censuses:

NUMBER OF DIFFERENT IMPLEMENTS REPORTED BY ESTABLISHMENTS RETURNED AS MANUFACTURING AGRICULTURAL IMPLEMENTS: 1880 AND 1890.

CLASSES.	1880	1890
Corn planters ..... number..	68,691	132,140
Cotton planters ..... do....	19,288	56,740
Grain drills ..... do....	43,222	44,830
Grain sowers ..... do....	15,563	16,728
Seed sowers ..... do....	20,289	57,716
Manure and fertilizer distributers ..... do....	8,155	3,237
Cultivators ..... do....	318,057	445,490
Harrows ..... do....	127,997	268,965
Hoes ..... dozen..	299,338	254,814
Plows ..... number..	1,326,123	1,249,345
Rollers ..... do....	3,002	5,168
Grain cradles ..... do....	167,492	84,222
Harvesters and harvesters and binders combined ..... do....	25,737	129,371
Hay loaders ..... do....	8,957	3,019
Hay tedders ..... do....	2,334	12,176
Hay rakes, horse ..... do....	95,625	114,790
Mowers ..... do....	72,090	170,893
Reapers ..... do....	35,327	8,834
Mowers and reapers combined ..... do....	54,920	15,681
Scythes ..... do....	1,244,264	795,400
Scythe snaths ..... do....	437,178	511,856
Clover hullers ..... do....	1,412	651
Corn shellers ..... do....	59,157	91,164
Fanning mills ..... do....	45,412	21,460
Separators ..... do....	9,103	4,577
Thrashers ..... do....	10,424	11,367
Cane mills ..... do....	2,356	4,865
Cider and wine mills ..... do....	10,202	6,367
Feed steamers and boilers ..... do....	1,482	4,122
Hay, straw, feed, and ensilage cutters ..... do....	33,883	29,558
Hay pressers ..... do....	791	3,246
Horse powers ..... do....	11,161	7,886
Lawn mowers ..... do....	47,661	89,559
Sirup evaporators ..... do....	1,460	2,250

In preparing the above statement some classes of implements reported separately in 1890 have been combined in order to compare them with a single class in 1880. In considering the quantities presented it must be remembered that decreases in quantity would likely appear in those classes in which great improvements have been made. For instance, the portable steam engine has largely taken the place of horse powers, and steam, sulky, and wheel plows have been substituted for hand plows.

BOOTS AND SHOES, AND LEATHER, TANNED AND CURRIED.

During the decade from 1880 to 1890 the number of establishments reported for "Boots and shoes, factory product" increased 6.28 per cent, the number of employés 25.35 per cent, and the value of product 32.88 per cent. Each establishment in 1880 reported on the average 57 employés and a product valued at $84,763. In 1890, 67 employés are shown on an average for each establishment, and an average product valued at $105,980. The increase in quantity of product for this industry, which, owing to the decline in prices, is a more accurate representation of the actual increase, can be shown with reasonable approach to accuracy. In 1880 the total number of pairs of boots and shoes of all kinds reported was 125,478,511, as compared with 179,409,388 in 1890, being an increase of 42.98 per cent. While in making this calculation the quantity of product represented by the $717,746 reported in 1880 and the $3,489,522 reported in 1890 as the value of products not specified has not been considered, the percentage of increase in quantity exceeds the percentage of increase in value of product by 10.10 per cent.

The different branches of the boot and shoe industry are shown under the following classes: "Boot and shoe cut stock", "Boot and shoe findings", "Boot and shoe uppers", "Boots and shoes, custom work and repairing", "Boots and shoes, factory product", and "Boots and shoes, rubber". Aggregating these classes, there appear 18,369 establishments in 1880 and 23,695 in 1890, an increase of 28.99 per cent; the number of employés has increased from 143,301 to 193,539, or 35.06 per cent; the value of product from $217,093,627 to $298,847,245, or 37.66 per cent.

The following statement shows the average annual earnings per employé for males, females, and children by classes in the total and in each of the 6 branches of the industry:

AVERAGE ANNUAL EARNINGS PER EMPLOYÉ BY CLASSES AND FOR MALES, FEMALES, AND CHILDREN BY CLASSES IN EACH BRANCH OF THE BOOT AND SHOE INDUSTRY: 1890.

BRANCHES.	All classes.	OFFICERS, FIRM MEMBERS, AND CLERKS.		OPERATIVES, SKILLED AND UNSKILLED.			PIECEWORKERS.		
		Males above 16 years.	Females above 15 years.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.
Total	$471	$642	$436	$515	$311	$150	$485	$339	$164
Boot and shoe cut stock	422	881	392	496	271	172	360	220	199
Boot and shoe findings	338	884	486	478	189	164	265	154	109
Boot and shoe uppers	526	832	507	561	349	166	465	338	.....
Boots and shoes, custom work and repairing	473	506	377	453	303	151	424	316	138
Boots and shoes, factory product	476	1,075	442	535	320	147	495	347	165
Boots and shoes, rubber	428	1,293	539	477	255	182	528	352	.....

The average weekly earnings for skilled operatives in the establishments classed as "Boots and shoes, factory product", was: males, $11.09; females, $6.59; children, $3.10. The average weekly earnings for unskilled operatives was: males, $7.25; females, $4.87; children, $2.74.

The principal seat of the industry in both 1880 and 1890 was in Massachusetts, which reported a product valued at $95,900,510 in 1880 and $116,387,900 in 1890, being 57.75 and 52.75 per cent, in the respective years, of the total product for the United States.

In connection with the boot and shoe industry it is pertinent to consider the statistics for the manufacture of leather. This industry is shown under the following classes: "Leather, dressed skins", "Leather, morocco", "Leather, patent and enameled", and "Leather, tanned and curried". Aggregating these classes and similar classes reported for 1880, we obtain for 1880, 5,628 establishments, with 40,282 employés, and a product valued at $200,264,944; and for 1890, 1,787 establishments, with 45,027 employés, and a product valued at $172,136,092. The number of establishments can not be considered as the actual number engaged in the industry in 1880, as an establishment engaged in both the tanning and the currying of leather was counted twice. The increase in the number of employés was 11.78 per cent, while the value of product decreased 14.05 per cent. "Leather, tanned and curried" is the principal branch of this industry, and the statistics for it are given in detail. It frequently happens that both the tanning and the currying of leather, which may be considered as distinct branches of the industry, are carried on by the same establishment, without separate accounts of the expenses or profits of the branches combined in the joint industry. In presenting the statistics for establishments of this character three methods of procedure are possible:

First. To report separately the number of establishments tanning leather, the number of establishments currying leather, and the number of establishments both tanning and currying leather.

Second. To aggregate all the three classes of establishments named and publish the gross number of establishments engaged in the manufacture of leather, with separate totals for such items of expense and product as are peculiar to either branch of the industry.

Third. To effect a separation between the two kinds of work done in the third class of establishments described, and after such separation to add to each of the other classes that which by such analysis is found to belong to it. This was the method adopted at the Ninth and Tenth Censuses.

In the reports of the Eleventh Census the second method has been used. General Tables 7 and 8 (in Part I) show the number of establishments reported for the entire industry in 1890, with corresponding totals for capital, miscellaneous expenses, and employés and wages. The quantities and the cost of materials and the quantities and the values of the different products for the tanning and currying branches of the industry are shown separately.

In 1880 the industry was shown as two distinct classes, "Leather, curried", and "Leather, tanned". These two classes must be combined in order to compare the statistics for the two censuses. This combination accounts for the apparent decrease in the number of establishments. The establishments engaged in this industry are located largely in the rural districts, in which the canvass was conducted by the general enumerators, and, as previously explained, this may account in part for the decreases shown for some of the items reported. From the statement following, however, it appears that the quantities of the products of the tannery have increased, while the quantities of products reported for currying have decreased.

NUMBER OF HIDES, SIDES, AND SKINS REPORTED AS MATERIALS AND PRODUCTS IN LEATHER, TANNED AND CURRIED, WITH PERCENTAGES OF INCREASE OR DECREASE: 1880 AND 1890.

MATERIALS AND PRODUCTS.	1880	1890	PERCENTAGE OF—	
			Increase.	Decrease.
Tanneries:				
Materials—				
Hides	11,773,171	13,093,688	11.22	
Skins	19,936,658	27,968,717	40.29	
Products—				
Sides	23,546,342	23,146,586	19.54	
Skins	19,917,653	25,521,713	28.14	
Currying:				
Materials—				
Sides	12,464,299	9,263,771		25.68
Skins	10,655,606	4,018,708		62.29
Products—				
Sides	12,464,299	9,487,420		23.88
Skins	10,655,606	5,360,151		49.70

The state reporting the largest value of product in 1880 was Massachusetts, while Pennsylvania reported the largest value in 1890, the product for these states in 1890 forming 15.66 and 28.21 per cent, respectively, of the total product for the United States. The number of hides, sides, and skins reported as used for materials and as tanned and curried in Massachusetts and Pennsylvania at the censuses of 1880 and 1890, and the percentages of increase or decrease, are shown in the following statement:

NUMBER OF HIDES, SIDES, AND SKINS REPORTED AS MATERIALS AND PRODUCTS IN LEATHER, TANNED AND CURRIED, IN MASSACHUSETTS AND IN PENNSYLVANIA, WITH PERCENTAGES OF INCREASE OR DECREASE: 1880 AND 1890.

MATERIALS AND PRODUCTS.	1880	1890	PERCENTAGE OF—	
			Increase.	Decrease.
Massachusetts:				
Tanneries—				
Materials—				
Hides	1,625,344	1,435,111		11.70
Skins	5,724,897	7,574,758	32.31	
Products—				
Sides	3,250,688	3,412,642	4.98	
Skins	5,724,897	6,020,526	5.16	
Currying—				
Materials—				
Sides	4,951,562	3,352,226		32.30
Skins	5,178,609	601,280		88.39
Products—				
Sides	4,951,562	3,759,280		24.08
Skins	5,178,609	1,369,292		73.56
Pennsylvania:				
Tanneries—				
Materials—				
Hides	2,970,680	4,882,145	64.34	
Skins	635,280	1,669,217	162.75	
Products—				
Sides	5,941,360	9,855,612	65.88	
Skins	635,155	1,624,241	155.72	
Currying—				
Materials—				
Sides	1,272,931	1,543,992	21.29	
Skins	404,874	104,871		74.10
Products—				
Sides	1,272,931	1,394,122	9.52	
Skins	404,874	294,607		27.23

Notwithstanding the decrease shown for the value of product in tanning and currying, a large increase is reported for the manufacture of the finer grades of leather. Combining the three classes of "Leather, dressed skins", "Leather, morocco", and "Leather, patent and enameled", the value of product shows an increase of 117.50 per cent.

CARRIAGES AND WAGONS.

No totals were published in 1880 with which the statistics for "Carriages and wagons, factory product", shown for 1890, can be compared. The figures for "Carriages and wagons, including custom work and repairing", with which the totals for "Carriages and wagons" published in 1880 are placed in comparison in Table 7, embrace all the establishments included in Table 8, and 4,042 establishments that reported the manufacture of 5 or more vehicles during the census year, but which could not be considered as factories. The total number of completed vehicles of all classes reported as manufactured during the year by the 4,572 establishments classed as factories was 1,369,254. The class of vehicles for which the greatest number was reported is road and other carts, costing under $25, for which 326,708 are shown. The next largest number, 298,851, is reported for farm wagons. In addition to the number of completed vehicles, the table shows the number and value of wheels, axles, springs, and carriage and wagon bodies manufactured for sale to the trade. The average establishment reported 14 employés and a product valued at $22,459.

Ohio shows the greatest value of product. The principal classes of vehicles manufactured in this state are buggies, phaetons, and light carriages. Indiana reports the greatest number (48,961) of farm wagons, and is followed by Wisconsin with 46,931. The greatest number of sleighs and the more expensive classes of private vehicles are reported for New York.

The average weekly earnings for skilled operatives in this industry is as follows: males above 16 years $10.75, females above 15 years $6.19, children $3.60; for unskilled operatives, males above 16 years $7.47, females above 15 years $5.08, children $3.78.

CHEESE, BUTTER, AND CONDENSED MILK.

The increase in the number of establishments reported for "Cheese and butter, factory product", which is the next industry considered in Table 7, was 620. The number of employés has increased 6,466, or 81.82 per cent, while the value of product shows an increase of $34,893,195, or 135.55 per cent. The quantity of cheese manufactured has increased 22,149,704 pounds, or 10.26 per cent, and the quantity of butter 151,863,132 pounds, or 516.16 per cent.

In 1880, on the average, each establishment employed 2 hands and produced a product valued at $6,547, as compared with 3 hands and a product valued at $13,321 in 1890.

In addition to the 4,552 establishments shown in Table 7, reports were received from 160 establishments which were classed as "Cheese and butter, urban dairy product". These establishments report a product valued at $2,050,338, and represent the manufacturing operations of city dairies. It is probable that but few, if any, establishments of this character were reported at the census of 1880. In order, however, to present the entire industry for 1890, such establishments have been consolidated with the totals for the factory product, and the aggregate has been presented in General Table 2 (Part I) in comparison with the totals reported for the industry in 1880. Table 8 shows separately the quantity and the value of the materials and the products pertaining to the manufacture of cheese and the manufacture of butter as distinct industries. The quantities and the values of "Full cream", "Skim", and "All other" cheese are shown separately. Aggregating these different grades of cheese, an average value per pound of 8 cents is obtained for the United States, while the average value per pound for butter is 20 cents. The average value per pound for the different classes of cheese and for butter in the United States and in 6 selected states is shown by the following statement:

AVERAGE VALUE PER POUND OF BUTTER AND OF DIFFERENT CLASSES OF CHEESE REPORTED BY FACTORIES IN THE UNITED STATES AND IN 6 SELECTED STATES, BY STATES: 1890.

STATES.	AVERAGE VALUE PER POUND. (CENTS.)			
	Cheese.			Butter.
	Full cream.	Skim.	All other.	
The United States	9	5	8	20
Illinois	8	5	4	21
Iowa	9	6	10	19
New York	9	6	8	20
Ohio	9	8	8	19
Pennsylvania	9	3	9	25
Wisconsin	8	5	7	19

In addition to the quantities of cheese and butter reported as a factory product, the reports of the Eleventh Census on agriculture show that 1,024,223,468 pounds of butter and 18,726,818 pounds of cheese were manufactured on farms. Combining these totals with the product of factories makes a total of 1,205,508,384 pounds of butter

and 256,761,883 pounds of cheese. Making a similar combination of the totals for 1880, an increase of 49.44 per cent is shown for the quantity of butter and of 5.59 per cent for the quantity of cheese.

The state of New York reports the largest quantity of cheese manufactured in factories during both the census years 1880 and 1890, and also the greatest quantity of butter in 1880. The state of Iowa reported the largest quantity of butter in 1890.

The manufacture of condensed milk was reported for the states of Connecticut, Illinois, Massachusetts, and New York in 1880, and for Illinois, Massachusetts, Michigan, and New York in 1890. The total quantity of condensed milk has increased 24,893,554 pounds, or 191.00 per cent, while the value has increased $2,039,339, or 131.78 per cent. The average value per pound for condensed milk, as obtained from the total for the United States and for the states engaged in this industry in 1880 and 1890, is given in the following statement:

AVERAGE VALUE PER POUND, CONDENSED MILK: 1880 AND 1890.

STATES.	AVERAGE VALUE PER POUND. (CENTS.)	
	1880	1890
The United States	12	9
Connecticut	6	.....
Illinois	12	9
Massachusetts	17	30
Michigan	.....	9
New York	12	11

In 1890 the state of Illinois produced 23,080,064 pounds, or 60.85 per cent of the total quantity of condensed milk reported for the United States.

The average weekly earnings for skilled and unskilled employés, males, females, and children, in the manufacture of cheese, butter, and condensed milk in the United States and in 6 selected states is shown by the following statement:

AVERAGE WEEKLY EARNINGS OF EMPLOYÉS, SKILLED AND UNSKILLED, AND OF MALES, FEMALES, AND CHILDREN, IN CHEESE, BUTTER, AND CONDENSED MILK FACTORIES OF 6 SELECTED STATES: 1890.

STATES.	OPERATIVES AND SKILLED.			UNSKILLED.		
	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.
The United States	$9.48	$5.35	$2.75	$8.12	$5.48	$3.93
Illinois	10.20	5.33	2.76	7.60	3.59	4.27
Iowa	9.51	5.90	1.75	8.37	4.62	.....
New York	8.94	4.82	2.57	7.55	6.38	4.44
Ohio	8.65	4.82	3.11	7.92	2.08	.....
Pennsylvania	8.20	3.36	2.80	6.42	6.53	2.80
Wisconsin	8.86	4.40	3.37	7.90	4.00	1.54

FLOURING AND GRIST MILL PRODUCTS.

The number of flouring and grist mills reported for 1890 shows a decrease of 5,868, or 31.77 per cent, since 1880. The total value of product, however, increased from $505,185,712 to $513,971,474, or 1.74 per cent. The number of employés increased from 58,407 to 63,481, or 8.69 per cent. The decrease in the number of establishments and the increase in value of product indicate the concentration of the industry in fewer and larger establishments. This is further indicated by the increase in the average size of establishments. On the average each establishment in 1880 reported 2.40 employés and a product of $20,757. In 1890 on the average each establishment reported 3.44 employés and a product of $27,827.

While the quantity of product was not reported for this industry in 1880, the quantity of wheat reported as material in 1890 shows an excess of 80,974,061 bushels, or 26.56 per cent, over that reported in 1880, and the quantity of all other grain an excess of 6,359,157 bushels, or 2.71 per cent. The total of all kinds of grain used as material increased 87,333,218 bushels, or 16.18 per cent.

In 1880 New York reported a product exceeding that of any other state, but Illinois, Indiana, Minnesota, Missouri, and Ohio reported a larger quantity of wheat ground during the year. In 1890 Minnesota reports the product of greatest value, also the greatest quantity of wheat used as material, New York continuing to hold the

In addition to showing the quantities and the values of the different cereals used as material, and the quantities and the values of the different products, Table 8 presents detailed information concerning the number of runs of stone, pairs of rolls, and total daily capacity in bushels. The total daily capacity appears to have increased during the 10 years from 4,730,106 bushels to 5,731,620 bushels.

PAPER.

The number of factories engaged in the manufacture of paper has decreased during the past decade from 692 to 567, or 18.06 per cent, while the number of employés has increased 21.07 per cent and the value of product 34.84 per cent. On the average each establishment in 1880 reported 35 employés and a product of $79,639, and in 1890, 52 employés and a product of $131,057. In addition to the 567 establishments shown for 1890 in Table 8 as engaged in paper manufacture proper, there are reported in the other tables 5 establishments manufacturing "Cardboard", 8 "Leather board", 27 "Paper hangings", 82 "Pulp, wood", and 7 "Pulp, from fiber other than wood". These 5 classes of industry, being so closely allied to the manufacture of paper, should be considered in connection with the totals given in Table 8.

The following statements present the totals for the several branches of the industry and the average annual earnings for males, females, and children in each branch:

TOTALS FOR THE DIFFERENT BRANCHES OF PAPER MANUFACTURE: 1890.

BRANCHES.	Number of establishments reporting.	Capital.	EMPLOYÉS.		Cost of materials used.	Value of product.
			Average number.	Total wages.		
Total	696	$97,185,585	35,788	$16,775,474	$48,841,109	$88,427,663
Paper	567	82,374,099	29,568	13,746,584	42,223,314	74,309,388
Cardboard	5	616,548	223	139,782	701,764	1,070,805
Leather board	8	445,743	185	92,163	211,936	463,705
Paper hangings	27	5,709,909	2,814	1,474,788	3,572,027	7,431,726
Pulp, wood	82	7,455,449	2,830	1,228,901	2,005,166	4,627,796
Pulp, from fiber other than wood	7	583,837	168	93,256	126,902	524,243

AVERAGE ANNUAL EARNINGS PER EMPLOYÉ OF MALES, FEMALES, AND CHILDREN, BY CLASSES, IN EACH BRANCH OF PAPER MANUFACTURE: 1890.

BRANCHES.	All classes.	OFFICERS, FIRM MEMBERS, AND CLERKS.		OPERATIVES, SKILLED AND UNSKILLED.			PIECEWORKERS.		
		Males above 16 years.	Females above 15 years.	Males above 16 years.	Females above 15 years.	Children.	Males above 16 years.	Females above 15 years.	Children.
Total	$469	$1,352	$489	$482	$249	$148	$363	$261	$65
Paper	465	1,384	502	486	248	157	422	261	46
Cardboard	627	2,059	.....	602	301	.....	.....	.....	.....
Leather board	498	986	500	440	300	.....	400	.....	.....
Paper hangings	524	1,363	454	532	246	143	268	600	150
Pulp, wood	434	1,024	526	412	212	136	312	.....	.....
Pulp, from fiber other than wood	555	1,613	150	421	.....	150	641	.....	.....

In addition to the industries enumerated in the above statements, there are reported in the general tables 796 establishments engaged principally in the manufacture of articles from paper. These establishments are distributed as follows: "Bags, paper", 56; "Boxes, fancy and paper", 588; "Collars and cuffs, paper", 3; "Labels and tags", 47; "Paper goods, not elsewhere specified", 66; "Paper patterns", 27; and "Pulp goods", 9.

SLAUGHTERING AND MEAT PACKING.

"Slaughtering and meat packing" is shown under three subheads, namely, "Slaughtering and meat packing, wholesale", "Slaughtering, wholesale, not including meat packing", and "Sausage". The statistics for "Slaughtering and meat packing, wholesale", and "Slaughtering, wholesale, not including meat packing", are given in detail in Table 8. The data for sausage are presented in the preceding tables in the form adopted for the general report on manufactures. The three branches of the industry for 1890 have been combined in Table 7, and the totals for each state presented in comparison with similar totals for 1880, the entire industry showing an increase of 495 in number of establishments, while the number of employés has increased 79.70 per cent and the value of product 86.01 per cent. The principal seat of the industry is in the state of Illinois. Considering

the two branches of the industry for which detailed statistics are given, it appears that while Illinois reports the product of largest value for "Slaughtering and meat packing, wholesale", the product of largest value for "Slaughtering, wholesale, not including meat packing", is shown for the state of New York, a large proportion of the product of that state being sold fresh.

The quantities and values of the principal materials and products in the two branches of the industry are summarized as follows:

QUANTITIES AND VALUES OF MATERIALS AND PRODUCTS, SLAUGHTERING AND MEAT PACKING: 1890.

MATERIALS AND PRODUCTS.	Quantity.	Value.
Materials		$480,962,211
Beeves ..... number	5,422,044	193,348,810
Sheep ..... do	6,178,449	24,358,179
Hogs ..... do	22,349,451	207,228,609
All other materials		56,026,613
Products		561,611,668
Beef, sold fresh ..... pounds	2,708,319,960	152,591,963
Beef, canned ..... do	133,428,456	8,950,582
Beef, salted or cured ..... do	576,289,731	23,318,414
Mutton, sold fresh ..... do	267,353,788	21,998,023
Pork, sold fresh ..... do	1,125,648,541	66,719,585
Pork, salted ..... do	1,264,956,237	77,737,470
Hams ..... do	529,387,213	48,732,908
Smoked bacon, sides or shoulders ..... do	666,229,376	44,664,041
Sausage, fresh and cured ..... do	149,281,545	9,298,335
Refined lard ..... do	536,485,829	33,401,563
Neutral lard ..... do	104,986,465	6,740,246
Oleomargarine oil ..... gallons	16,600,652	12,202,117
Other oils ..... do	4,427,555	3,590,012
Fertilizers ..... tons	115,400	2,343,777
Hides ..... number	5,346,919	21,245,782
Wool ..... pounds	11,127,851	2,009,133
All other products		26,067,717

Of the different classes of animals slaughtered the greatest number and the greatest value are reported for hogs, of which 22,349,451 were slaughtered during the census year, valued at $207,228,609. Of this number Illinois reported 30.68 per cent. Illinois reported 2,653,414 beeves as slaughtered during the census year, or 48.94 per cent of the total number reported for the United States. New York reports 1,696,529 sheep as having been slaughtered during the census year, which is the largest number reported by any state, and forms 27.46 per cent of the total for the United States.

GENERAL TABLES.

Of the accompanying tables No. 1 presents totals for all classes of manufacturing and mechanical industries in the respective states and territories, as reported at the censuses of 1850, 1860, 1870, 1880, and 1890.

Table 2 shows totals for the United States in the different classes of manufacturing industry, as reported at the censuses of 1880 and 1890.

These tables present the statistics in the form of publication used in 1880. In considering the data presented in Tables 1 and 2, reference should be made to the remarks concerning the differences in the form and the scope of the inquiry of 1890 as compared with inquiries of previous censuses.

Table 3 shows totals for all classes of manufacturing and mechanical industries in the respective states and territories, as reported at the census of 1890.

Table 4 shows totals for the United States by industries.

Table 5 shows totals for the different industries by states and territories.

Table 6 shows totals for the different states and territories by industries and by counties.

Table 7 presents comparative statistics for 7 selected industries.

Table 8 presents detailed statistics for 8 selected industries.

In Tables 2, 4, 5, 6, 7, and 8, when less than 3 establishments are reported for any state, industry, or county, those reported are grouped, in order to avoid disclosing the operations of individual establishments.

TABLE 1.

COMPARATIVE SUMMARY, BY STATES AND TERRITORIES: 1850 TO 1890.

TABLE 1.—COMPARATIVE SUMMARY, BY STATES AND TERRITORIES: 1850 TO 1890.

["Miscellaneous expenses" are not included in this table, as they were not reported prior to the census of 1890.]

STATES AND TERRITORIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
The United States	a1850	123,025	$533,245,351	957,059	$236,755,464	731,137	225,922	.....	$555,123,822	$1,019,106,616
	1860	140,433	1,009,855,715	1,311,246	378,878,966	1,040,349	270,897	.....	1,031,605,092	1,885,861,676
	1870	252,148	2,118,208,769	2,053,996	775,584,343	1,615,598	323,770	114,628	2,488,427,242	4,232,325,442
	1880	253,852	2,790,272,606	2,732,595	947,953,795	2,019,035	531,639	181,921	3,396,823,549	5,369,579,191
	1890	355,415	6,525,156,486	4,712,622	2,283,216,529	3,745,123	846,614	120,885	5,162,044,076	9,372,437,283
Alabama	1850	1,026	3,450,606	4,936	1,105,824	4,397	539	.....	2,224,960	4,528,876
	1860	1,459	9,098,181	7,889	2,132,940	6,792	1,097	.....	5,489,963	10,588,566
	1870	2,188	5,714,032	8,248	2,227,968	7,196	664	388	7,592,837	13,040,644
	1880	2,070	9,668,008	10,019	2,500,504	8,368	842	809	8,545,520	13,565,504
	1890	2,977	46,122,571	33,821	12,676,029	30,401	1,995	1,425	28,432,281	51,226,605
Alaska (b)	1890	10	105,727	86	22,173	86	.....	.....	30,198	58,440
Arizona	1870	18	159,700	84	45,580	84	.....	.....	110,090	185,410
	1880	66	272,600	220	111,180	216	2	2	380,023	618,365
	1890	76	616,629	528	358,127	510	9	9	353,814	947,547
Arkansas	1850	261	305,015	842	159,876	812	30	.....	215,789	537,908
	1860	518	1,316,610	1,877	554,240	1,831	46	.....	1,280,503	2,880,578
	1870	1,079	1,782,913	3,206	673,963	3,077	47	82	2,536,998	4,629,234
	1880	1,202	2,953,130	4,557	925,358	4,307	90	160	4,392,080	6,756,159
	1890	2,073	14,971,614	15,972	5,749,888	15,060	509	403	12,397,261	22,659,179
California	1850	1,003	1,006,197	3,964	3,717,180	3,964	.....	.....	1,201,154	12,862,522
	1860	8,468	22,043,096	49,226	28,402,287	49,171	55	.....	27,051,674	68,253,228
	1870	3,984	39,728,202	25,392	13,136,722	24,040	873	479	35,351,193	66,594,556
	1880	5,885	61,243,784	43,693	21,065,905	38,311	3,922	1,460	72,607,709	116,218,973
	1890	7,923	146,797,102	83,642	51,538,780	69,037	12,748	1,857	120,243,683	213,403,996
Colorado	1870	256	2,835,605	876	528,221	874	2	.....	1,593,280	2,852,820
	1880	599	4,311,714	5,074	2,314,427	4,652	266	156	8,806,762	14,260,159
	1890	1,518	26,651,840	17,067	12,285,734	15,444	1,351	272	20,848,516	42,480,205
Connecticut	1850	3,737	25,876,648	50,731	12,435,984	34,248	16,483	.....	23,608,971	47,114,585
	1860	3,019	45,590,430	64,469	19,026,196	44,002	20,467	.....	40,909,090	81,924,555
	1870	5,128	95,281,278	89,523	38,987,187	61,681	20,810	7,029	86,419,579	161,065,474
	1880	4,488	120,480,275	112,915	43,501,518	75,619	28,851	8,445	102,183,341	185,697,211
	1890	6,822	227,004,496	149,939	75,990,606	109,950	36,904	3,085	123,183,080	248,336,364
Dakota	1870	17	79,200	91	21,106	89	.....	2	105,997	178,570
	1880	251	771,428	868	339,375	854	8	6	1,523,761	2,373,970
	c1890	881	6,102,349	4,269	2,101,299	3,974	243	52	6,611,001	10,710,855
Delaware	1850	531	2,978,945	3,888	936,924	3,237	651	.....	2,864,607	4,849,296
	1860	615	5,452,887	6,421	1,905,754	5,465	956	.....	6,028,918	9,892,902
	1870	800	10,839,093	9,710	3,692,195	7,705	1,199	806	10,206,397	16,791,382
	1880	746	15,655,822	12,638	4,267,349	10,250	1,426	962	12,828,461	20,514,438
	1890	1,003	33,695,400	21,906	9,892,387	17,524	3,012	1,370	21,161,752	37,571,848
District of Columbia	1850	403	1,001,575	2,570	757,584	2,034	536	.....	1,405,871	2,690,258
	1860	429	2,905,865	3,148	1,139,154	2,653	495	.....	2,884,185	5,412,102
	1870	952	6,021,925	4,685	2,007,600	4,333	216	136	4,754,883	9,292,173
	1880	971	5,552,526	7,146	3,924,612	5,496	1,389	261	5,365,400	11,882,316
	1890	2,295	28,865,089	23,404	14,622,264	19,803	3,468	133	17,194,666	39,331,437
Florida	1850	103	547,060	991	199,452	876	115	.....	220,611	668,335
	1860	185	1,874,125	2,454	619,840	2,297	157	.....	874,506	2,447,969
	1870	659	1,679,930	2,749	989,592	2,670	20	59	2,330,873	4,685,403
	1880	426	3,210,680	5,504	1,270,875	4,564	558	382	3,040,119	5,546,448
	1890	805	11,110,304	13,927	6,513,068	12,280	1,379	268	8,021,854	18,222,890
Georgia	1850	1,522	5,456,483	8,368	1,709,664	6,650	1,718	.....	3,404,917	7,082,075
	1860	1,890	10,390,875	11,575	2,925,148	9,492	2,083	.....	9,986,532	16,925,564
	1870	3,836	13,930,125	17,871	4,844,508	15,078	1,498	1,295	18,583,731	31,196,115
	1880	3,593	20,672,410	24,875	5,266,152	18,937	3,619	2,319	24,143,939	36,440,948
	1890	4,285	56,921,580	56,383	17,312,196	46,569	6,293	3,521	35,774,480	68,917,020
Idaho	1870	101	742,300	265	112,372	264	.....	1	691,785	1,047,624
	1880	162	677,215	388	136,326	374	8	6	844,874	1,271,317
	1890	140	1,048,916	774	324,202	734	23	17	638,673	1,396,096
Illinois	1850	3,162	6,217,765	11,559	3,204,336	11,066	493	.....	8,959,327	16,534,272
	1860	4,268	27,548,563	22,068	7,637,921	22,489	479	.....	35,558,782	57,580,886
	1870	12,597	94,368,057	82,979	31,100,244	73,045	6,717	3,217	127,600,077	205,620,672
	1880	14,549	140,652,066	144,727	57,429,085	120,558	15,233	8,936	289,843,907	414,864,673
	1890	20,482	502,004,512	312,198	171,523,579	270,760	36,012	5,426	529,019,089	908,640,280
Indiana	1850	4,392	7,750,402	14,440	3,728,844	13,748	692	.....	10,369,700	18,725,423
	1860	5,323	18,451,121	21,295	6,318,335	20,563	732	.....	27,142,597	42,803,469
	1870	11,847	52,052,425	58,852	18,366,780	54,412	2,272	2,168	63,135,492	108,617,278
	1880	11,198	65,742,962	69,508	21,960,888	62,072	3,615	3,821	100,262,917	148,006,411
	1890	12,354	131,605,366	124,349	51,749,976	107,691	13,343	3,315	130,119,106	226,825,082
Indian territory (b)	1890	20	204,329	175	79,830	165	3	7	127,864	248,932
Iowa	1850	622	1,292,875	1,707	473,016	1,687	20	.....	2,356,881	3,551,783
	1860	1,939	7,247,130	6,307	1,922,417	6,142	165	.....	8,612,259	13,971,325
	1870	6,566	22,420,183	25,032	6,893,292	23,395	951	686	27,682,096	46,534,322
	1880	6,921	33,987,886	28,372	9,725,962	25,382	1,431	1,559	48,704,311	71,045,926
	1890	7,440	77,513,097	69,174	25,878,997	51,793	5,737	1,644	79,292,407	125,049,183

a This is a copy of the total for the United States, published at the census of 1850, but can not be obtained from the state totals, because of an error in the reports for 1850.
b No manufactures reported prior to 1890.
c North and South Dakota combined for 1890.

TABLE 1.—COMPARATIVE SUMMARY, BY STATES AND TERRITORIES: 1850 TO 1890—Continued.

STATES AND TERRITORIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Kansas	1860	344	$1,084,935	1,735	$880,346	1,700	35	.....	$1,444,975	$4,357,408
	1870	1,477	4,319,060	6,844	2,377,511	6,599	118	127	6,112,163	11,775,833
	1880	2,803	11,192,315	12,062	3,995,010	11,139	392	531	21,453,141	30,843,777
	1890	4,471	43,926,002	32,843	16,328,485	29,157	2,805	881	78,845,167	110,219,805
Kentucky	1850	3,609	11,810,462	21,476	6,106,048	19,576	1,900	.....	12,165,075	21,710,212
	1860	3,450	20,256,579	21,258	6,020,082	19,587	1,671	.....	22,295,759	37,931,240
	1870	5,390	29,277,809	30,636	9,444,524	27,687	1,159	1,790	29,497,595	54,625,869
	1880	5,328	45,813,039	37,391	11,657,844	30,949	3,529	2,913	47,461,890	75,483,377
	1890	7,745	79,811,980	65,579	27,761,746	54,089	9,227	2,263	63,677,583	126,719,857
Louisiana	1850	1,008	5,032,424	6,217	2,033,928	5,458	759	.....	2,459,508	6,779,417
	1860	1,744	7,151,172	8,789	3,083,679	7,873	916	.....	6,738,486	15,587,473
	1870	2,557	18,313,974	30,071	4,593,470	23,637	4,210	2,224	12,412,023	24,161,905
	1880	1,553	11,462,408	12,167	4,360,371	10,171	1,335	661	14,442,506	24,205,183
	1890	2,613	34,754,121	31,901	13,159,564	24,234	7,055	612	33,282,724	57,806,713
Maine	1850	3,974	14,699,152	28,020	7,485,588	21,853	6,167	.....	13,553,144	24,661,057
	1860	3,810	22,044,020	34,619	8,368,691	24,827	9,792	.....	21,553,066	38,193,254
	1870	5,550	39,796,190	49,180	14,282,205	34,310	13,448	1,422	49,379,757	79,497,521
	1880	4,481	49,988,171	52,954	13,623,318	35,431	13,777	3,746	51,120,708	79,829,793
	1890	5,010	80,419,809	75,780	26,526,217	51,734	21,604	2,442	51,520,589	95,689,500
Maryland	1850	3,725	14,934,450	30,212	7,403,832	22,729	7,483	.....	17,690,836	33,043,892
	1860	3,083	23,230,608	28,403	7,190,672	21,630	6,773	.....	25,494,007	41,735,157
	1870	5,812	36,438,729	44,860	12,682,817	34,061	8,278	2,521	46,897,032	76,593,613
	1880	6,787	58,742,384	74,945	18,904,965	46,698	21,700	6,547	66,937,846	106,780,563
	1890	7,485	119,667,316	107,054	41,526,832	75,956	26,983	4,115	92,059,390	171,842,593
Massachusetts	1850	8,852	88,940,292	177,461	41,954,736	107,784	69,677	.....	85,856,771	157,743,994
	1860	8,176	132,792,327	217,421	56,960,913	146,268	71,153	.....	135,053,721	255,545,922
	1870	13,212	231,677,862	279,380	118,051,886	179,032	86,229	14,119	334,413,982	553,912,568
	1880	14,352	303,806,185	352,255	128,315,362	228,834	105,976	17,445	386,972,655	631,135,284
	1890	26,923	630,032,341	485,182	239,670,509	337,626	138,889	8,667	473,109,434	888,160,403
Michigan	1850	2,033	6,563,660	9,344	2,717,124	8,990	354	.....	6,136,328	11,169,002
	1860	3,448	23,808,226	23,190	6,735,047	22,144	1,046	.....	17,635,611	32,658,356
	1870	9,455	71,712,283	63,694	21,205,355	52,347	2,941	2,406	68,142,515	118,394,676
	1880	8,873	92,930,959	77,591	25,313,682	68,445	4,784	4,362	92,000,269	150,715,025
	1890	12,127	262,412,240	163,941	66,347,798	147,350	13,950	2,641	154,521,918	277,896,706
Minnesota	1850	5	94,000	63	18,540	63	.....	.....	24,300	58,300
	1860	562	2,388,310	2,123	712,214	2,104	19	.....	1,904,070	3,373,172
	1870	2,270	11,993,729	11,290	4,052,837	10,892	259	139	13,842,902	23,110,700
	1880	3,493	31,004,811	21,247	8,613,094	18,937	1,636	674	55,660,681	76,065,198
	1890	7,505	127,686,618	79,629	38,189,239	72,139	6,730	760	118,481,941	192,033,478
Mississippi	1850	947	1,815,820	3,154	771,528	3,046	108	.....	1,275,771	2,912,068
	1860	976	4,384,492	4,775	1,618,320	4,572	203	.....	3,146,636	6,500,687
	1870	1,731	4,501,714	5,941	1,547,428	5,500	191	250	4,364,206	8,154,758
	1880	1,479	4,727,600	5,827	1,192,645	4,887	413	527	4,667,183	7,518,302
	1890	1,698	14,896,884	15,817	4,913,863	13,644	1,264	909	10,064,897	18,705,834
Missouri	1850	2,923	8,576,607	15,808	4,692,648	14,880	928	.....	12,798,351	24,324,418
	1860	3,157	20,034,220	19,681	6,669,916	18,628	1,053	.....	23,849,941	41,782,731
	1870	11,871	80,257,244	65,354	31,055,445	55,904	3,884	5,566	115,533,269	206,213,429
	1880	8,592	72,507,844	63,995	24,309,716	54,200	5,474	4,321	110,798,392	165,386,205
	1890	14,052	189,558,546	143,139	76,417,364	119,790	19,858	3,491	177,582,382	324,561,993
Montana	1870	201	1,794,300	701	370,843	697	2	2	1,316,331	2,494,511
	1880	196	899,390	578	318,759	574	3	1	1,006,442	1,835,867
	1890	289	4,293,794	2,696	1,948,213	2,591	94	11	2,375,093	5,507,573
Nebraska	1860	107	266,575	336	105,332	334	2	.....	237,215	607,328
	1870	670	2,169,963	2,665	1,429,913	2,558	81	26	2,902,074	5,738,512
	1880	1,403	4,881,150	4,793	1,742,311	4,464	120	209	8,208,478	12,627,336
	1890	3,014	37,569,508	23,876	12,984,571	21,447	1,715	714	67,334,532	93,037,794
Nevada	1870	330	5,127,790	2,859	2,498,473	2,856	3	.....	10,315,984	15,870,539
	1880	184	1,323,300	577	461,807	556	5	16	1,049,794	2,179,626
	1890	95	1,211,269	620	445,503	597	22	1	439,058	1,105,063
New Hampshire	1850	3,211	18,242,114	27,092	6,123,876	14,103	12,989	.....	12,745,466	23,164,503
	1860	2,592	23,274,094	32,340	8,110,561	18,379	13,961	.....	20,539,857	37,586,453
	1870	3,342	36,023,743	40,783	13,823,091	25,829	12,775	2,179	44,577,967	71,038,249
	1880	3,181	51,112,263	48,831	14,814,793	29,356	16,184	3,291	43,552,462	73,978,028
	1890	3,229	79,375,160	63,361	24,248,054	40,307	21,385	1,669	47,751,152	85,770,549
New Jersey	1850	4,207	22,293,258	37,830	9,364,740	29,068	8,762	.....	22,011,871	39,851,256
	1860	4,173	40,521,048	56,027	16,277,337	43,198	12,829	.....	41,429,100	76,306,104
	1870	6,638	79,606,719	75,552	32,648,409	58,115	11,198	6,239	103,415,245	169,237,732
	1880	7,128	106,226,593	126,038	46,083,045	86,787	27,099	12,152	165,285,779	254,380,236
	1890	9,225	250,805,745	187,398	96,778,736	144,009	38,076	5,313	189,365,740	354,573,571
New Mexico	1850	23	68,300	81	20,772	81	.....	.....	110,220	249,010
	1860	82	2,008,350	1,074	341,306	1,044	30	.....	367,892	1,249,123
	1870	182	1,450,695	427	167,281	423	1	3	880,957	1,489,868
	1880	144	463,275	557	218,731	553	.....	4	871,352	1,284,846
	1890	127	965,938	944	532,727	909	20	15	691,420	1,516,195
New York	1850	23,553	99,904,405	199,349	49,131,000	147,737	51,612	.....	134,655,674	237,597,249
	1860	22,624	172,895,652	230,112	65,446,759	176,885	53,227	.....	214,813,061	378,870,939
	1870	36,206	366,994,320	351,800	142,466,758	267,378	63,795	29,627	452,065,452	785,194,651
	1880	42,739	514,246,575	531,533	198,634,029	364,549	137,455	29,529	679,612,545	1,080,696,596
	1890	65,840	1,130,161,195	850,084	466,846,642	633,389	204,432	12,263	871,264,085	1,711,577 671
North Carolina	1850	2,663	7,456,860	14,601	2,383,456	12,473	2,128	.....	4,602,501	9,111,050
	1860	3,689	9,693,703	14,217	2,689,441	12,102	2,115	.....	10,203,228	16,678,698
	1870	3,642	8,140,473	13,622	2,195,711	11,339	1,422	861	12,824,693	19,021,327
	1880	3,802	13,045,639	18,109	2,740,768	12,818	2,939	2,352	13,090,937	20,095,037
	1890	3,667	32,745,095	36,214	7,880,536	25,177	6,304	4,733	22,789,187	40,375,450

TABLE 1.—COMPARATIVE SUMMARY, BY STATES AND TERRITORIES: 1850 TO 1890—Continued.

STATES AND TERRITORIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
North Dakota (a)	1890	382	$2,894,553	1,847	$1,002,881	1,727	104	16	$3,087,161	$5,028,107
Ohio	1850	10,622	29,019,538	51,491	13,467,156	47,054	4,437	.....	34,678,019	62,692,279
	1860	11,123	57,295,303	75,602	22,302,989	65,749	9,853	.....	69,800,270	121,691,148
	1870	22,773	141,923,961	137,202	49,066,488	119,686	11,575	5,941	157,131,697	269,713,610
	1880	20,699	188,939,614	183,609	62,103,800	152,217	18,563	12,829	215,334,258	348,298,390
	1890	28,673	402,793,019	331,548	158,768,883	278,752	46,245	6,551	341,016,464	641,688,064
Oklahoma (b)	1890	72	95,519	195	71,918	181	3	11	56,518	180,445
Oregon	1850	52	843,600	285	388,620	285	.....	.....	809,560	2,236,640
	1860	309	1,337,238	978	635,256	968	10	.....	1,431,952	2,976,761
	1870	969	4,376,849	2,884	1,120,173	2,753	67	64	3,419,756	6,877,387
	1880	1,080	6,312,056	3,473	1,667,046	3,280	96	97	6,954,436	10,931,232
	1890	1,523	32,122,051	18,798	11,535,229	17,710	888	200	21,793,578	41,432,174
Pennsylvania	1850	21,605	94,473,810	146,766	37,163,232	124,688	22,078	.....	87,206,377	155,044,910
	1860	22,363	190,055,904	222,132	60,369,165	182,593	39,539	.....	153,477,698	290,121,188
	1870	37,200	406,821,845	319,487	127,976,594	256,543	43,712	19,232	421,197,673	711,894,344
	1880	31,232	474,510,993	387,072	134,055,904	284,359	73,046	29,667	465,020,563	744,818,445
	1890	39,339	991,243,115	620,562	305,591,003	507,663	90,480	22,419	773,734,637	1,331,794,901
Rhode Island	1850	864	12,935,676	20,967	5,047,080	12,923	8,044	.....	13,186,703	22,117,688
	1860	1,191	24,278,295	32,490	8,760,125	20,795	11,695	.....	19,858,515	40,711,296
	1870	1,850	66,557,322	49,417	19,354,256	28,804	14,752	5,861	73,154,109	111,418,354
	1880	2,205	75,575,943	62,878	21,355,619	37,060	18,270	7,548	58,103,443	104,163,621
	1890	3,377	126,483,401	85,976	37,927,921	53,783	26,368	5,825	76,253,023	142,500,625
South Carolina	1850	1,430	6,053,265	7,066	1,127,712	5,992	1,074	.....	2,787,534	7,045,477
	1860	1,230	6,931,756	6,994	1,380,027	6,096	898	.....	5,198,881	8,615,195
	1870	1,584	5,400,418	8,141	1,543,715	7,099	578	464	5,855,736	9,858,981
	1880	2,078	11,205,894	15,828	2,836,289	13,687	1,023	1,118	9,885,538	16,738,008
	1890	2,382	29,276,261	24,662	6,590,983	18,395	3,958	2,309	18,873,666	31,926,681
South Dakota (a)	1890	499	3,207,796	2,422	1,098,418	2,247	139	36	3,523,840	5,682,748
Tennessee	1850	2,887	6,527,729	12,039	2,247,492	11,080	959	.....	5,106,886	9,725,608
	1860	2,572	14,426,261	12,528	3,370,687	11,582	946	.....	9,416,514	17,987,225
	1870	5,317	15,595,295	19,412	5,390,630	17,663	1,089	660	19,657,027	34,362,636
	1880	4,326	20,092,845	22,445	5,254,775	19,575	1,196	1,674	23,834,262	37,074,886
	1890	4,559	51,475,092	42,759	16,899,351	37,670	3,519	1,570	40,463,782	72,355,286
Texas	1850	309	539,290	1,066	322,368	1,042	24	.....	394,642	1,168,538
	1860	983	3,272,450	3,449	1,162,756	3,338	111	.....	3,367,372	6,577,202
	1870	2,399	5,284,110	7,927	1,787,835	7,450	157	320	6,273,193	11,517,302
	1880	2,996	9,245,561	12,159	3,343,087	11,645	116	398	12,956,269	20,719,928
	1890	5,268	46,815,181	39,475	18,586,338	36,263	2,240	972	36,152,308	70,433,551
Utah	1850	14	44,400	51	9,984	51	.....	.....	337,381	291,220
	1860	148	443,356	389	231,701	380	9	.....	439,512	900,153
	1870	533	1,391,898	1,534	395,365	1,465	43	26	1,238,252	2,343,019
	1880	640	2,656,657	2,495	858,863	2,042	221	232	2,561,737	4,324,992
	1890	531	6,583,022	4,980	2,715,805	4,233	540	207	4,252,030	8,911,047
Vermont	1850	1,849	5,001,377	8,445	2,202,348	6,894	1,551	.....	4,172,552	8,570,920
	1860	1,883	9,498,617	10,497	3,004,986	8,563	1,934	.....	7,608,858	14,637,807
	1870	3,270	20,329,637	18,686	6,264,581	16,301	1,872	513	17,007,769	32,184,606
	1880	2,874	23,265,224	17,540	5,164,479	14,438	2,271	831	18,330,677	31,354,366
	1890	3,031	32,763,291	24,894	10,096,549	21,614	2,891	389	20,433,174	38,340,066
Virginia	1850	4,740	18,109,143	29,110	5,434,476	25,790	3,320	.....	18,101,131	29,602,507
	1860	5,385	26,935,560	36,174	8,544,117	32,606	3,568	.....	30,840,531	50,652,124
	1870	5,933	18,455,400	20,974	5,343,099	22,175	2,259	2,540	23,832,384	38,364,322
	1880	5,710	26,968,990	40,184	7,425,261	28,779	6,144	5,261	32,883,933	51,780,992
	1890	5,915	63,456,799	59,591	19,644,850	46,348	9,996	3,247	50,148,285	88,363,824
Washington	1860	52	1,296,200	870	453,601	866	4	.....	502,021	1,406,921
	1870	269	1,893,674	1,026	574,936	1,025	1	.....	1,435,128	2,851,052
	1880	261	3,202,497	1,147	532,226	1,110	25	12	1,967,469	3,250,134
	1890	1,543	34,369,735	20,366	12,658,614	19,706	530	130	19,917,057	41,768,022
West Virginia (c)	1870	2,444	11,084,520	11,672	4,322,164	10,728	287	657	14,503,701	24,102,201
	1880	2,375	13,883,390	14,311	4,313,965	12,900	346	1,065	14,027,388	22,867,126
	1890	2,376	28,118,030	21,969	8,330,997	19,549	1,609	811	23,729,089	38,702,125
Wisconsin	1850	1,262	3,382,148	6,089	1,712,496	5,798	291	.....	5,414,931	9,293,068
	1860	3,064	15,831,581	15,414	4,268,708	14,641	773	.....	17,137,334	27,849,467
	1870	7,013	41,981,872	43,910	13,575,642	40,296	2,114	1,500	45,851,266	77,214,320
	1880	7,674	73,821,802	57,109	18,814,917	48,255	6,241	2,613	85,796,178	128,255,480
	1890	10,417	246,515,404	132,031	51,843,708	116,269	13,827	1,935	145,437,016	248,546,164
Wyoming	1870	32	889,400	502	347,578	500	1	1	280,156	765,424
	1880	57	364,673	391	187,798	380	.....	11	601,214	898,494
	1890	190	1,411,184	1,144	878,646	1,061	78	5	1,084,432	2,367,601

a See Dakota.

b Part of Indian territory at previous censuses.

c Part of Virginia at previous censuses.

TABLE 2.

COMPARATIVE SUMMARY, BY SPECIFIED INDUSTRIES: 1880 AND 1890.

TABLE 2.—COMPARATIVE SUMMARY, BY SPECIFIED INDUSTRIES: 1880 AND 1890.

["Miscellaneous expenses" are not included in this table, as they were not reported at the census of 1880.]

MECHANICAL AND MANUFACTURING INDUSTRIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
All industries	1880	253,852	$2,790,272,606	2,732,595	$947,953,795	2,019,035	531,639	181,921	$3,396,823,549	$5,369,579,191
	1890	355,415	6,525,156,486	4,712,622	2,283,216,529	3,745,123	846,614	120,885	5,162,044,076	9,372,437,283
Agricultural implements	1880	1,943	62,109,668	39,580	15,359,610	38,313	73	1,194	31,531,170	68,640,486
	1890	910	145,313,997	42,544	21,811,761	41,856	476	212	31,603,265	81,271,651
Ammunition	1880	4	824,000	1,066	361,778	498	553	15	1,223,452	1,904,966
	1890	35	4,368,529	2,267	1,110,482	1,485	759	23	2,759,782	6,538,959
Artificial feathers and flowers. (See also Millinery and lace goods.)	1880	174	1,253,050	4,342	1,081,040	550	3,577	215	2,444,418	4,879,324
	1890	251	3,081,828	6,835	2,681,185	1,384	5,392	59	4,645,850	9,078,683
Artificial limbs. (See also Surgical appliances.)	1880	33	82,600	72	43,833	71	.....	1	31,370	137,024
	1890	59	186,896	250	189,370	235	8	7	93,795	475,977
Artists' materials (*a*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	39	361,460	306	165,341	268	29	9	190,850	531,785
Awnings, tents, and sails	1880	151	522,700	1,268	334,463	526	699	43	1,230,558	1,968,942
	1890	581	3,663,009	3,872	2,208,235	2,699	1,150	23	4,150,180	7,829,603
Axle grease	1880	16	372,600	72	41,407	67	2	3	209,152	365,048
	1890	31	451,228	194	135,109	181	9	4	401,897	846,459
Babbitt metal and solder	1880	9	73,100	44	18,745	44	.....	.....	214,193	262,950
	1890	36	954,654	261	188,229	256	5	.....	2,385,894	2,905,102
Bagging, flax, hemp, and jute	1880	27	2,491,500	3,209	827,759	1,330	1,226	653	2,058,017	3,511,653
	1890	16	3,332,102	3,149	905,213	1,527	1,489	133	2,520,995	3,852,440
Bags, other than paper	1880	37	2,425,900	2,242	776,026	1,175	903	164	8,027,770	9,726,600
	1890	64	6,015,685	3,769	1,462,011	1,632	1,876	261	12,657,270	16,355,365
Bags, paper	1880	80	1,304,700	1,569	439,620	546	883	140	3,037,319	4,112,566
	1890	56	2,321,797	1,382	580,092	708	663	11	3,167,717	5,023,793
Baking and yeast powders	1880	110	1,350,600	1,042	466,252	660	326	56	3,333,868	4,760,598
	1890	150	3,587,919	1,867	1,001,130	1,269	573	25	4,273,796	7,406,806
Baskets and rattan and willow ware. (See also Whalebone and rattan.)	1880	304	1,852,917	3,119	657,405	1,976	552	591	867,031	1,992,851
	1890	403	2,702,713	3,732	1,269,135	2,769	672	291	1,398,483	3,633,592
Bellows	1880	3	8,750	15	6,875	15	.....	.....	13,500	26,900
	1890	17	146,044	101	62,483	95	1	5	124,145	249,374
Bells. (See also Foundry and machine shop products.)	1880	20	793,120	773	280,169	570	14	189	525,175	1,065,824
	1890	22	590,420	430	237,227	408	19	3	389,701	823,010
Belting and hose, leather	1880	96	2,748,799	1,227	606,087	1,138	39	50	5,019,853	6,525,737
	1890	93	4,973,420	1,621	1,114,754	1,556	45	20	6,132,704	8,633,634
Belting and hose, linen	1880	1	10,000	10	4,500	10	.....	.....	12,000	23,000
	1890	9	795,909	292	153,366	119	169	4	427,865	777,942
Belting and hose, rubber	1880	2	265,000	364	131,721	342	2	20	863,000	1,085,000
	1890	17	5,270,068	1,945	1,043,768	1,834	101	10	3,479,538	5,512,840
Bicycle and tricycle repairing (*b*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	83	172,070	306	161,683	298	3	5	67,332	301,709
Bicycles and tricycles (*b*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	27	2,058,072	1,925	1,105,728	1,870	20	35	718,848	2,568,326
Billiard tables and materials	1880	46	1,078,169	857	400,779	849	.....	8	1,080,466	2,289,758
	1890	57	1,456,624	1,157	870,480	1,151	5	1	1,295,942	2,823,278
Blacking. (See also Cleansing and polishing preparations.)	1880	48	494,625	436	168,183	251	174	11	710,629	1,491,474
	1890	71	1,403,087	1,039	561,644	600	373	66	1,484,203	2,900,402
Blacksmithing and wheelwrighting. (*c*) (See also Carriages and wagons, including custom work and repairing.)	1880	38,802	30,259,932	59,634	16,200,800	49,813	35	786	21,276,040	62,667,129
	1890	28,000	34,560,139	50,867	26,796,927	50,639	32	196	14,645,096	54,304,639
Bluing	1880	23	178,650	146	50,245	88	53	5	197,463	344,824
	1890	53	184,472	232	104,194	178	39	15	186,588	457,251
Bone, ivory, and lamp black. (See also Paints.)	1880	18	627,350	224	80,249	198	2	24	440,068	601,376
	1890	24	1,627,651	385	216,288	364	.....	21	485,867	1,031,030
Bookbinding and blank-book making. (See also Printing and publishing.)	1880	588	5,798,671	10,612	3,927,349	5,127	4,831	654	5,195,771	11,976,764
	1890	805	10,062,034	13,815	6,903,951	7,757	5,821	237	6,007,417	17,067,780
Boot and shoe cut stock	1880	172	1,210,300	2,885	735,482	1,235	1,422	228	5,939,249	7,531,635
	1890	344	5,401,834	5,503	2,323,271	3,626	1,775	102	13,744,655	17,903,846
Boot and shoe findings	1880	135	770,800	1,498	451,075	758	652	88	1,188,817	2,144,945
	1890	138	1,793,123	2,283	771,937	1,185	1,029	69	1,965,173	3,459,328
Boot and shoe uppers	1880	81	209,264	437	170,425	245	174	18	448,104	790,842
	1890	317	1,216,026	1,708	898,336	1,062	624	22	1,902,926	3,346,002
Boots and shoes, custom work and repairing.	1880	16,013	11,364,273	22,667	7,993,706	21,474	824	369	12,524,133	30,870,127
	1890	20,803	14,230,081	35,448	16,750,729	34,827	497	124	10,403,383	34,856,651
Boots and shoes, factory product	1880	1,959	42,994,028	111,152	43,001,438	82,547	25,122	3,483	102,442,442	166,050,354
	1890	2,082	95,282,311	139,333	66,375,076	96,480	40,418	2,435	118,785,831	220,649,358

a Included largely in other classifications in 1880.
b No reports received for this industry in 1880.
c In 1880 includes 28,101 establishments reported as "Blacksmithing" and 10,701 as "Wheelwrighting".

TABLE 2.—COMPARATIVE SUMMARY, BY SPECIFIED INDUSTRIES: 1880 AND 1890—Continued.

MECHANICAL AND MANUFACTURING INDUSTRIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Boots and shoes, rubber	1880	9	$2,425,000	4,662	$1,469,038	2,514	1,984	164	$6,023,053	$9,705,724
	1890	11	17,790,970	9,264	3,966,875	5,237	3,943	84	11,650,787	18,632,060
Bottling. (*a*) (See also Liquors, malt; Mineral and soda waters.)	1880									
	1890	716	5,656,705	3,929	2,271,355	3,774	73	82	7,937,001	13,583,418
Boxes, cigar	1880	221	1,023,777	2,365	748,657	1,274	718	373	1,389,700	2,903,465
	1890	291	3,374,451	5,537	2,134,383	3,168	2,148	221	3,567,320	7,091,948
Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	1880	369	2,496,496	9,678	2,373,948	2,194	6,836	648	3,578,827	7,065,553
	1890	588	9,277,973	19,954	6,869,900	6,505	12,933	516	7,893,941	18,805,330
Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	1880	602	5,304,212	7,722	2,769,135	6,611	405	706	7,674,021	12,687,068
	1890	636	13,018,456	13,922	6,477,125	12,134	969	819	14,244,503	25,513,180
Brass (*b*)	1880									
	1890	14	1,208,619	819	436,569	819			1,765,605	2,549,860
Brass and copper, rolled	1880	26	9,057,600	5,082	2,524,169	4,105	673	304	9,523,157	14,329,731
	1890	16	8,041,593	2,801	1,577,778	2,492	257	52	5,493,231	8,381,472
Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	1880	396	5,740,237	6,237	2,729,794	5,573	263	401	5,894,452	10,808,742
	1890	453	18,663,286	11,903	6,922,489	11,218	568	117	12,249,607	24,344,434
Brassware	1880	20	594,582	1,142	411,329	662	336	144	948,118	1,523,698
	1890	113	10,866,001	7,518	4,057,058	5,633	1,769	116	7,089,202	13,615,172
Bread and other bakery products	1880	6,396	19,155,286	22,488	9,411,328	18,925	2,210	1,353	42,612,027	65,824,896
	1890	10,484	45,758,489	52,762	28,789,047	44,959	6,979	824	72,507,579	128,421,535
Brick and tile. (See also Clay and pottery products.)	1880	5,631	27,673,616	66,355	13,443,532	59,032	268	7,055	9,774,834	32,833,587
	1890	5,828	82,578,566	109,151	32,695,189	104,119	266	4,766	12,639,597	67,770,695
Bridges	1880	75	4,058,649	4,293	1,882,179	4,153		140	5,669,793	8,978,122
	1890	137	10,960,218	8,921	5,681,364	8,892	6	23	12,770,146	21,868,068
Bronze castings. (See also Brass castings and brass finishing.)	1880	7	186,500	153	64,072	140	6	7	498,470	670,912
	1890	14	710,190	311	253,835	304	4	3	695,485	1,165,163
Brooms and brushes	1880	980	4,186,897	8,773	2,424,040	5,798	1,715	1,260	5,694,855	10,560,855
	1890	1,235	7,743,832	10,984	4,317,026	8,539	1,820	625	6,900,553	14,156,383
Buttons	1880	124	2,013,350	5,825	1,645,130	2,128	3,052	645	1,792,801	4,449,542
	1890	106	3,089,265	4,036	1,673,876	1,737	2,188	111	1,551,603	4,216,795
Calcium lights	1880	4	19,500	20	10,912	20			25,031	51,443
	1890	15	73,402	97	49,570	97			35,048	110,062
Cardboard. (See also Paper.)	1880	8	443,000	345	116,410	166	126	53	637,971	959,145
	1890	5	616,548	223	139,782	159	64		701,764	1,070,805
Card cutting and designing	1880	9	13,793	64	18,215	42	12	10	15,610	51,670
	1890	26	89,584	214	106,583	175	29	10	88,186	243,070
Carpentering	1880	9,184	19,541,358	54,138	24,582,077	53,547	74	517	51,621,120	94,152,139
	1890	16,917	81,542,845	140,021	94,524,197	139,712	119	190	137,847,002	281,195,162
Carpets and rugs, other than rag. (See also Woolen goods.)	1880	195	21,468,587	20,371	6,835,218	10,104	8,570	1,697	18,984,877	31,792,802
	1890	173	38,208,842	29,121	11,633,116	14,034	13,082	2,005	28,644,905	47,770,193
Carpets, rag	1880	396	252,604	724	190,792	573	88	63	424,943	861,710
	1890	854	975,381	1,764	650,119	1,399	319	46	726,419	1,714,480
Carpets, wood	1880	5	41,600	119	23,750	108		11	23,500	102,170
	1890	6	333,000	328	155,396	323	5		210,814	511,700
Carriage and wagon materials	1880	412	7,034,718	7,502	2,733,004	7,237	35	230	4,781,095	10,114,352
	1890	539	13,028,161	10,928	5,208,427	10,433	267	228	7,387,904	16,262,293
Carriages and sleds, children's	1880	67	770,000	1,310	462,852	1,152	70	88	868,054	1,677,776
	1890	87	3,158,412	2,936	1,330,955	2,585	296	55	1,900,907	4,094,255
Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	1880	3,841	37,973,493	45,394	18,988,615	43,630	273	1,491	30,597,086	64,951,617
	1890	8,614	104,210,602	73,453	40,198,522	72,087	804	562	49,889,173	114,551,907
Cars and general shop construction and repairs by steam railroad companies. (*a*)	1880									
	1890	716	76,192,477	108,585	61,797,675	108,362	167	56	66,561,526	129,461,698
Cars, railroad, street, and repairs, not including establishments operated by steam railroad companies. (*c*)	1880	130	9,272,680	14,232	5,507,753	13,885	13	334	19,780,271	27,997,591
	1890	166	48,460,687	85,929	19,445,698	35,450	276	203	47,528,561	76,352,199
Celluloid and celluloid goods	1880	6	1,214,000	736	242,798	452	175	109	389,262	1,261,540
	1890	12	3,158,487	1,023	619,461	769	252	2	856,180	2,575,736
Charcoal (*d*)	1880	175	457,484	1,401	390,697	1,393	2	6	320,735	975,540
	1890									
Cheese, butter, and condensed milk (*e*)	1880	3,932	9,804,803	7,903	1,546,495	6,419	1,330	154	18,363,579	25,742,510
	1890	4,712	16,624,163	14,921	5,390,705	14,038	782	101	51,364,574	62,686,043

a No inquiry respecting this industry in 1880.
b Included largely in other classifications in 1880.
c In 1890 includes 78 establishments reported in the tables following as "Cars and general shop construction and repairs by street railroad companies"; 71 as "Cars, steam railroad, not including operations of railroad companies", and 17 as "Cars, street railroad, not including operations of railroad companies".
d In 1890 included with "Timber products, not manufactured at mill".
e In 1890 includes 160 establishments reported in the tables following as "Cheese and butter, urban dairy product", and 4,552 as "Cheese, butter, and condensed milk, factory product".

TABLE 2.—COMPARATIVE SUMMARY, BY SPECIFIED INDUSTRIES: 1880 AND 1890—Continued.

MECHANICAL AND MANUFACTURING INDUSTRIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Chemicals. (*a*) (See also Fertilizers; Gunpowder; High explosives; Paints; Varnish.)	1880	592	$28,598,458	9,545	$4,157,163	8,144	1,138	263	$24,380,566	$38,173,658
	1890	563	55,032,452	16,952	9,691,843	13,705	3,115	132	33,694,927	59,352,548
China, decorating. (*b*) (See also Clay and pottery products.)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	78	499,647	467	254,524	287	174	6	364,778	847,555
Chocolate and cocoa products	1880	7	530,500	223	82,258	110	113	.....	812,403	1,302,153
	1890	11	2,630,067	963	596,604	612	345	6	2,892,219	4,221,675
Cigar molds	1880	3	69,800	76	32,020	64	.....	12	55,210	111,820
	1890	7	210,083	142	67,396	114	13	15	70,060	211,000
Clay and pottery products. (*c*) (See also Brick and tile.)	1880	752	7,366,323	10,221	3,600,727	7,882	948	1,391	2,909,063	8,977,333
	1890	707	26,127,104	20,296	10,138,143	17,670	2,071	555	5,618,401	22,057,090
Cleansing and polishing preparations. (See also Blacking.)	1880	21	412,325	209	91,455	181	15	13	237,070	500,280
	1890	56	304,160	390	176,949	295	87	8	382,120	865,904
Clock cases and materials. (See also Watch and clock materials.)	1880	2	6,000	46	15,000	44	2	.....	19,000	50,500
	1890	4	43,863	32	20,685	32	.....	.....	11,724	44,038
Clocks	1880	22	2,474,900	3,940	1,622,693	2,807	630	503	1,908,411	4,110,267
	1890	27	5,727,202	3,585	1,935,525	3,028	518	39	1,457,778	4,228,846
Cloth, eponging and refinishing	1880	20	137,350	176	62,790	135	18	23	71,960	222,560
	1890	23	229,335	396	244,302	387	7	2	34,132	399,814
Clothing, horse	1880	3	410,000	565	137,400	73	492	.....	453,700	695,000
	1890	31	1,028,523	952	313,305	331	528	93	777,570	1,572,265
Clothing, men's (*d*)	1880	6,166	79,861,696	160,813	45,940,353	77,255	80,994	2,564	131,363,282	209,548,460
	1890	18,658	182,552,938	243,857	111,389,672	144,395	97,381	2,081	179,425,661	378,022,815
Clothing, women's, dressmaking (*b*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	19,587	12,883,079	67,598	22,373,636	1,765	65,440	393	23,393,829	57,071,732
Clothing, women's, factory product	1880	562	8,207,273	25,192	6,661,005	2,594	22,253	345	19,559,227	32,004,794
	1890	1,224	21,259,528	42,008	18,812,787	15,422	26,313	273	34,277,219	68,164,019
Coal tar (*e*)	1880	3	385,000	179	65,500	174	.....	5	285,200	466,800
	1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coffee and spice, roasting and grinding	1880	300	6,366,392	2,716	1,370,699	2,125	438	153	18,201,302	22,924,894
	1890	358	16,996,009	5,122	3,263,019	4,065	983	74	65,961,465	75,042,010
Coffins and burial cases, trimming and finishing. (*b*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	1,368	6,016,385	3,234	1,999,153	3,156	72	6	3,656,859	7,783,140
Coffins, burial cases, and undertakers' goods.	1880	769	5,735,392	4,415	1,805,805	3,762	481	172	3,776,222	8,157,760
	1890	194	11,097,736	6,424	3,555,256	5,453	884	87	5,547,082	12,230,554
Coke	1880	149	5,545,058	3,142	1,198,654	3,068	3	71	2,995,441	5,359,489
	1890	218	17,462,729	9,159	4,186,264	9,102	1	56	11,509,737	16,498,345
Collars and cuffs, paper	1880	13	901,233	435	151,576	151	284	.....	1,166,000	1,582,571
	1890	3	237,764	91	48,637	61	30	.....	223,077	301,093
Combs	1880	38	533,390	1,026	374,785	743	250	33	341,719	951,395
	1890	31	742,200	807	433,036	667	123	17	344,120	1,020,835
Confectionery	1880	1,450	8,486,874	9,801	3,242,852	6,157	2,827	817	17,125,775	25,637,033
	1890	2,921	23,326,799	27,211	11,633,448	16,108	10,515	588	31,116,629	55,997,101
Cooperage	1880	3,898	12,178,726	25,973	8,992,603	24,435	42	1,496	18,441,064	33,714,770
	1890	2,652	17,806,554	24,652	11,665,366	24,114	208	330	20,636,911	38,617,956
Cordage and twine	1880	165	7,140,475	5,435	1,558,676	2,926	1,480	1,029	9,330,261	12,492,171
	1890	150	23,351,883	12,799	4,536,871	6,816	5,020	963	24,051,666	33,312,559
Cordials and cirups	1880	16	128,400	81	42,928	81	.....	.....	210,506	331,233
	1890	40	783,567	387	232,988	301	65	21	1,231,141	1,903,200
Cork, cutting	1880	46	872,384	792	232,846	382	270	140	976,274	1,566,555
	1890	65	1,869,360	2,138	762,518	960	885	293	1,501,902	2,840,359
Corsets	1880	113	1,611,695	8,802	1,745,969	776	7,487	539	3,686,821	6,494,705
	1890	205	6,640,056	11,370	4,062,815	2,010	9,256	104	5,662,140	12,401,575
Cotton, cleaning and rehandling (*b*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	13	116,210	210	54,068	101	101	8	415,005	525,595
Cotton, compressing	1880	29	3,243,800	1,008	573,005	1,008	.....	.....	326,808	1,271,700
	1890	52	7,864,373	3,000	1,228,619	2,993	.....	7	254,309	2,624,027
Cotton, ginning (*b*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	1,637	3,221,987	7,660	781,798	7,460	94	106	542,481	2,367,450
Cotton goods. (See also Hosiery and knit goods.)	1880	1,005	219,504,794	185,472	45,614,419	64,107	91,148	30,217	113,765,537	210,950,383
	1890	905	354,020,843	221,585	69,489,272	91,464	106,689	23,432	154,912,979	267,981,724
Cotton ties	1880	6	70,500	131	38,069	100	.....	31	170,198	262,351
	1890	8	22,475	18	3,150	16	.....	2	5,980	11,950

a In 1880 reported as "Drugs and chemicals".
b No inquiry respecting this industry in 1880.
c In 1880 includes 51 establishments reported as "Drain and sewer pipe"; 686 as "Stone and earthen ware", and 15 as "Terra cotta ware".
d In 1890 includes 13,591 establishments reported in the tables following as "Clothing, men's, custom work and repairing"; 4,867 as "Clothing, men's, factory product", and 200 as "Clothing, men's, factory product, buttonholes".
e In 1890 included with "Chemicals".

TABLE 2.—COMPARATIVE SUMMARY, BY SPECIFIED INDUSTRIES: 1880 AND 1890—Continued.

MECHANICAL AND MANUFACTURING INDUSTRIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Cotton waste (*a*)	1880									
	1890	31	$711,956	329	$154,257	246	78	5	$1,592,041	$1,906,622
Crucibles	1880	11	1,450,250	694	284,169	691		3	955,841	1,445,641
	1890	10	908,152	254	149,210	242	6	6	396,296	726,708
Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	1880	429	9,859,885	10,519	4,447,349	9,458	380	681	4,682,222	11,061,370
	1890	474	12,082,638	9,487	4,918,152	9,112	263	112	3,465,124	11,110,614
Dentistry, mechanical	1880	753	773,670	541	269,044	469	35	37	455,037	1,860,647
	1890	3,214	4,019,637	4,737	3,481,189	4,451	230	56	1,475,255	7,864,299
Dentists' materials	1880	20	840,800	490	237,729	405	70	15	247,824	860,758
	1890	24	2,908,113	1,214	867,626	972	191	51	993,855	2,594,888
Druggists' preparations, not including prescriptions. (*a*) (See also Patent medicines and compounds; Perfumery and cosmetics.)	1880									
	1890	1,805	4,624,814	3,940	1,938,700	3,655	236	49	2,411,851	6,659,797
Drug grinding (*a*)	1880									
	1890	13	337,885	173	103,594	157	15	1	192,321	436,766
Dyeing and cleaning	1880	303	851,110	1,467	511,886	893	499	75	581,886	1,613,943
	1890	976	3,041,178	5,189	2,537,556	3,246	1,883	60	1,103,556	5,267,819
Dyeing and finishing textiles	1880	191	26,223,981	16,608	6,474,364	12,788	2,038	1,872	13,664,295	32,297,420
	1890	248	38,450,800	20,267	9,717,011	17,146	2,328	793	12,385,220	28,900,560
Dye stuffs and extracts	1880	41	2,363,700	992	512,097	976	10	6	3,918,741	5,253,038
	1890	62	8,645,458	2,302	1,289,987	2,285	9	8	6,500,928	9,292,514
Electrical apparatus and supplies (*b*)	1880	76	1,509,758	1,271	683,164	1,132	72	67	1,116,470	2,655,036
	1890	189	18,997,337	9,485	5,366,188	7,929	1,512	44	8,819,498	19,114,714
Electric light and power (*c*)	1880	3	425,000	229	117,500	214		15	150,650	458,400
	1890	144	33,838,549	2,004	1,556,623	1,996	6	2	1,155,789	4,783,224
Electroplating	1880	221	865,898	1,441	620,848	1,257	89	95	663,588	1,975,700
	1890	313	2,051,134	2,162	1,260,475	1,990	104	68	1,048,057	3,121,642
Emery wheels	1880	11	397,900	112	58,253	111		1	109,952	322,022
	1890	17	823,059	292	182,600	285	5	2	186,579	726,425
Enameled goods	1880	3	150,000	211	41,926	211			236,817	321,511
	1890	19	350,798	391	191,925	279	92	20	118,650	444,942
Enameling	1880	19	145,200	176	56,836	113	54	9	69,562	182,758
	1890	27	71,917	187	104,672	162	23	2	52,999	181,942
Engravers' materials	1880	11	54,500	70	39,840	66	3	1	26,464	85,764
	1890	16	139,920	161	97,339	157	3	1	61,985	203,764
Engraving and diesinking	1880	246	416,840	852	419,646	698	62	92	262,828	1,180,165
	1890	382	794,554	1,635	1,169,073	1,564	47	24	434,506	2,187,157
Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	1880	55	2,387,050	1,916	1,951,745	1,118	661	137	648,994	2,998,616
	1890	134	2,924,125	2,560	1,881,583	1,603	928	29	742,765	3,347,804
Engraving, wood	1880	167	183,733	509	333,590	468	20	21	68,605	734,728
	1890	285	480,990	1,286	956,366	1,238	15	33	157,656	1,555,418
Envelopes	1880	12	923,800	1,204	344,143	233	948	23	2,346,500	3,000,617
	1890	41	3,218,466	2,501	1,058,550	762	1,719	20	2,530,793	4,855,680
Explosives and fireworks (*d*)	1880	39	579,750	735	216,069	313	217	205	840,877	1,391,132
	1890	22	507,266	557	213,103	326	199	32	188,938	592,542
Fancy articles, not elsewhere specified	1880	151	1,359,450	2,793	1,036,672	1,676	654	463	1,065,335	2,817,230
	1890	377	2,386,317	3,954	1,679,818	1,678	2,202	74	1,844,556	4,810,450
Felt goods. (See also Woolen goods.)	1880	26	1,958,254	1,524	439,760	1,203	233	88	2,530,710	3,619,652
	1890	34	4,460,621	2,266	1,041,296	1,594	510	162	2,809,937	4,654,768
Fertilizers. (See also Chemicals.)	1880	364	17,913,660	8,598	2,648,422	8,377	75	146	15,595,078	23,650,795
	1890	390	40,594,168	10,158	4,671,831	9,985	98	75	25,113,874	39,180,844
Files. (See also Cutlery and edge tools.)	1880	179	1,666,550	2,508	957,412	2,191	49	268	787,569	2,486,533
	1890	140	2,991,988	2,666	1,445,941	2,480	83	103	1,038,943	3,179,649
Firearms	1880	39	8,115,489	4,862	2,700,281	4,578	87	197	1,859,026	5,736,936
	1890	84	4,672,424	2,759	1,700,205	2,732	18	9	485,946	2,922,514
Fire extinguishers, chemical	1880	3	400,000	119	84,750	117		2	81,840	204,693
	1890	9	405,733	82	57,878	80	2		57,736	195,884
Flags and banners. (See also Regalia and society banners and emblems.)	1880	11	54,300	68	27,375	15	50	3	48,200	119,600
	1890	29	376,130	364	142,625	176	182	6	195,587	455,849
Flavoring extracts	1880	58	404,615	374	129,343	238	104	32	796,049	1,195,637
	1890	148	1,361,800	769	441,786	578	175	16	1,430,120	2,614,514
Flax, dressed	1880	79	620,455	1,019	268,420	786	57	176	818,243	1,310,231
	1890	6	1,361,635	517	227,123	236	250	25	638,285	981,283

a No inquiry respecting this industry in 1880.
b In 1880 includes 36 establishments reported as "Electrical apparatus and supplies" and 40 as "Telegraph and telephone apparatus".
c The data for "Electric light and power" in 1890 are confined to the states of New York, the District of Columbia, and the city of St. Louis, Mo.

TABLE 2.—COMPARATIVE SUMMARY, BY SPECIFIED INDUSTRIES: 1880 AND 1890—Continued.

MECHANICAL AND MANUFACTURING INDUSTRIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregates.		Males above 10 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Flouring and grist mill products	1880	24,338	$177,361,878	58,407	$17,422,310	58,239	42	126	$441,545,225	$505,185,712
	1890	18,470	208,473,500	63,481	27,035,742	62,801	474	206	434,152,290	513,971,474
Food preparations. (See also Fruits and vegetables, canning and preserving.)	1880	109	1,293,905	1,333	318,253	863	312	158	1,604,660	2,493,224
	1890	302	6,715,535	4,152	1,816,835	2,868	1,192	92	8,123,925	14,105,485
Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	1880	4,958	154,519,484	145,351	65,982,133	140,459	675	4,217	103,345,083	214,378,468
	1890	6,475	382,798,337	247,754	148,389,063	244,472	1,737	1,545	171,145,156	412,701,872
Foundry supplies	1880	15	126,500	74	27,303	72	.....	2	132,220	215,650
	1890	21	679,817	212	152,773	212	.....	.....	357,874	672,440
Fruit jar trimmings	1880	1	150,000	348	104,501	230	93	25	318,708	485,503
	1890	5	1,025,697	552	166,735	361	159	32	275,744	802,237
Fruits and vegetables, canning and preserving. (a) (See also Food preparations; Pickles, preserves, and sauces.)	1880	411	8,247,488	31,905	2,679,960	10,638	15,463	5,804	12,051,293	17,599,576
	1890	1,012	19,609,122	59,597	7,204,604	25,023	28,334	6,240	25,464,739	40,095,450
Fuel, artificial (b)	1880	1	100,000	70	10,000	70	.....	.....	55,000	102,000
	1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fur goods. (c) (See also Hats and caps, not including wool hats.)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	484	11,115,840	8,075	4,749,191	3,989	4,045	41	11,742,568	20,526,988
Furnishing goods, men's. (See also Shirts.)	1880	161	3,724,664	11,174	2,644,155	1,274	9,565	335	6,503,164	11,506,857
	1890	586	12,299,011	22,211	7,589,349	5,489	16,511	211	15,280,572	29,870,946
Furniture, chairs	1880	384	6,276,364	10,575	3,311,286	7,832	1,301	1,442	4,443,438	9,807,823
	1890	340	14,387,075	13,837	5,737,810	11,516	1,527	794	6,572,299	16,866,358
Furniture, including cabinetmaking, repairing and upholstering. (d) (See also Mattresses and spring beds.)	1880	5,624	41,555,165	52,087	21,737,128	47,642	1,607	2,838	35,567,652	75,196,795
	1890	5,633	79,255,972	78,667	43,054,942	74,575	2,536	1,556	48,553,531	118,760,974
Furs, dressed	1880	192	3,598,887	4,134	1,389,284	1,453	2,604	77	5,338,242	8,238,712
	1890	26	266,921	437	287,508	428	4	5	203,199	651,296
Galvanizing	1880	21	671,450	518	244,799	501	.....	17	1,103,186	1,884,695
	1890	27	1,301,973	846	473,111	829	6	11	1,940,712	2,957,143
Gas and lamp fixtures. (See also Lamps and reflectors.)	1880	35	3,248,400	3,069	1,469,287	2,660	243	166	1,675,875	4,329,656
	1890	108	7,218,964	5,530	3,592,512	5,248	244	38	2,208,124	7,825,672
Gas, illuminating and heating (e)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	742	258,771,795	14,860	10,642,794	14,762	54	44	14,037,087	56,987,290
Gas machines and meters	1880	34	1,147,000	853	397,108	807	12	34	636,676	1,334,091
	1890	38	1,603,426	1,071	709,529	1,050	21	.....	675,542	1,838,644
Gas stoves (c)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	24	1,199,528	1,031	628,773	1,015	16	.....	840,126	2,137,944
Glass	1880	211	19,844,699	24,177	9,144,160	17,778	741	5,658	8,028,621	21,154,571
	1890	294	40,966,850	45,987	22,118,522	37,117	1,927	6,943	12,140,985	41,051,004
Glass, cutting, staining, and ornamenting	1880	170	945,180	1,586	706,768	1,281	139	166	1,156,866	2,535,009
	1890	279	2,504,989	3,794	2,496,420	3,563	173	58	2,188,287	6,090,378
Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	1880	300	3,379,648	7,697	1,655,695	2,102	5,249	346	4,351,469	7,379,605
	1890	324	5,977,820	8,669	3,109,008	3,454	5,117	98	5,021,144	10,103,821
Glucose	1880	7	2,255,000	1,192	605,802	1,167	5	20	3,044,450	4,551,212
	1890	7	5,991,023	1,759	974,406	1,754	5	.....	5,029,131	7,756,686
Glue	1880	82	3,916,750	1,801	600,018	1,486	186	129	2,786,342	4,324,072
	1890	62	4,859,266	1,836	823,452	1,718	51	67	2,510,927	4,270,460
Gold and silver, leaf and foil	1880	60	498,500	955	410,647	542	383	30	1,011,792	1,614,040
	1890	81	1,105,198	1,499	800,796	808	673	18	1,834,716	2,977,791
Gold and silver, reducing and refining, not from the ore.	1880	28	817,100	304	178,696	299	.....	5	9,128,811	9,548,188
	1890	38	4,765,397	966	771,030	962	2	2	30,005,096	32,035,520
Graphite	1880	4	113,000	89	35,225	69	17	3	144,100	210,000
	1890	3	38,614	21	10,442	20	1	.....	26,380	54,605
Grease and tallow. (See also Axle grease; Soap and candles.)	1880	156	2,566,779	1,091	556,015	1,075	3	13	11,779,482	13,730,613
	1890	233	4,336,193	1,787	1,079,284	1,752	11	24	5,135,901	7,474,911
Grindstones	1880	14	125,261	231	57,040	231	.....	.....	85,366	184,555
	1890	9	78,750	132	56,980	131	.....	1	34,742	122,240
Gunpowder. (See also Ammunition; High explosives.)	1880	33	4,983,560	1,011	510,550	988	20	3	2,053,488	3,348,941
	1890	37	9,609,975	1,730	1,002,694	1,718	2	10	3,279,004	6,752,343
Hairwork	1880	299	613,040	1,172	323,315	205	937	30	667,132	1,467,723
	1890	492	1,362,993	1,945	870,601	534	1,387	24	846,045	2,489,061
Hammocks	1880	5	22,300	82	17,576	28	49	5	61,830	110,352
	1890	6	65,525	86	18,359	22	64	.....	26,535	60,254

a In 1890 includes 110 establishments reported in the tables following as "Fish, canning and preserving"; 886 as "Fruits and vegetables, canning and preserving", and 16 as "Oysters, canning and preserving".
b For 1890 included in group "All other industries" at end of table.
c Included largely in other classifications in 1880.
d In 1880 includes 4,843 establishments reported as "Furniture", and 781 as "Upholstering", and for 1890 includes 4,054 establishments reported in the tables following as "Furniture, cabinetmaking, repairing and upholstering", and 1,579 as "Furniture, factory product".
e No inquiry respecting this industry in 1880.

TABLE 2.—COMPARATIVE SUMMARY, BY SPECIFIED INDUSTRIES: 1880 AND 1890—Continued.

MECHANICAL AND MANUFACTURING INDUSTRIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Hand knit goods	1880	39	$152,700	1,814	$137,720	50	1,378	386	$239,040	$446,354
	1890	28	78,468	224	61,989	56	160	8	88,280	205,775
Hand stamps	1880	46	103,150	163	82,895	151	8	4	103,648	318,618
	1890	234	998,873	1,068	650,647	900	127	41	432,687	1,583,872
Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	1880	492	15,363,551	16,801	6,846,913	14,481	814	1,506	10,097,577	22,653,693
	1890	350	26,271,840	19,671	9,911,486	17,376	1,584	711	10,186,442	26,726,463
Hardware, saddlery	1880	64	1,655,550	2,815	960,432	2,167	321	327	1,851,436	3,651,021
	1890	102	3,376,356	3,179	1,547,295	2,843	271	65	1,624,849	4,118,195
Hat and cap materials	1880	64	746,828	1,215	463,854	819	355	41	1,325,231	2,217,250
	1890	73	1,702,650	1,705	844,352	1,212	480	13	2,059,001	3,465,524
Hats and caps, not including wool hats. (See also Fur goods; Straw goods, not elsewhere specified.)	1880	489	5,455,468	17,240	6,635,522	11,373	5,337	530	9,341,352	21,303,107
	1890	705	13,724,002	27,193	14,111,747	17,698	9,234	261	16,160,802	37,311,599
Hay and straw, baling (*a*)	1880									
	1890	72	416,541	777	149,653	653	114	10	729,195	1,058,142
High explosives. (See also Ammunition; Gunpowder.)	1880	21	1,601,625	329	164,864	328	1		1,218,061	2,453,088
	1890	32	3,929,503	820	546,816	756	41	23	2,202,719	4,600,272
Horse and whetstones	1880	25	132,525	225	52,961	136	83	6	92,461	224,130
	1890	9	97,935	71	27,973	61	10		6,332	54,136
Hooks and eyes	1880	5	420,188	228	88,321	139	63	26	214,986	370,078
	1890	10	449,618	243	148,444	141	99	3	325,615	593,604
Horseshoes, factory product (*b*)	1880									
	1890	4	1,299,065	493	282,870	413		80	519,449	1,110,032
Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	1880	359	15,579,591	28,885	6,701,475	7,517	17,707	3,661	15,210,951	29,167,227
	1890	796	50,607,738	61,209	18,263,272	16,366	40,927	3,916	35,861,585	67,241,013
House furnishing goods, not elsewhere specified.	1880	48	456,806	592	216,890	405	137	50	812,361	1,332,188
	1890	133	6,939,659	3,667	1,779,753	2,750	824	84	4,832,791	8,347,285
Ice, artificial	1880	35	1,251,200	447	140,885	389	50	8	158,112	544,763
	1890	222	9,846,468	3,265	1,441,187	3,249	1	15	940,699	4,900,983
Ink (*c*)	1880	63	1,251,050	480	230,284	339	79	62	864,765	1,629,413
	1890	73	2,655,219	1,024	757,190	839	173	12	1,664,785	3,504,979
Instruments, professional and scientific	1880	171	1,342,196	1,099	588,751	1,011	37	51	444,425	1,639,094
	1890	233	2,995,021	2,371	1,606,194	2,179	169	23	698,352	3,271,616
Iron and steel	1880	1,005	230,971,884	140,978	55,476,785	133,203	45	7,730	191,271,150	296,557,685
	1890	645	372,678,018	152,535	84,665,506	151,130	49	1,356	295,777,843	430,954,348
Iron and steel, bolts, nuts, washers, and rivets.	1880	100	4,933,019	5,064	1,981,300	4,264	182	618	6,097,011	10,073,330
	1890	82	10,789,821	7,341	3,472,202	6,445	338	558	6,749,304	12,373,031
Iron and steel, doors and shutters	1880	6	79,375	223	103,269	211		12	298,600	495,060
	1890	7	42,550	53	38,389	51		2	29,792	88,515
Iron and steel, forgings	1880	91	3,598,241	3,210	1,329,151	2,977	95	138	3,960,780	6,492,028
	1890	90	7,152,145	4,448	2,638,641	4,346	16	86	4,875,697	9,042,563
Iron and steel, nails and spikes, cut and wrought, including wire nails.	1880	62	3,877,805	2,910	1,255,171	2,011	519	380	3,312,602	5,629,240
	1890	138	24,334,549	17,116	7,816,994	15,465	897	754	22,960,737	34,227,517
Iron and steel, pipe, wrought	1880	35	6,129,565	5,210	1,788,258	4,909	13	288	9,480,049	13,292,162
	1890	22	22,622,367	12,064	5,845,462	11,771	8	285	25,988,798	37,906,801
Ironwork, architectural and ornamental. (*d*) (See also Foundry and machine shop products.)	1880	220	1,400,197	1,934	844,614	1,880		54	1,609,465	3,410,086
	1890	724	21,968,172	18,672	11,951,457	18,469	53	150	18,620,510	37,745,294
Ivory and bone work	1880	55	775,564	1,105	414,701	843	137	125	754,654	1,454,901
	1890	64	1,894,549	1,345	687,360	1,163	163	19	921,975	1,918,607
Japanning	1880	30	78,710	183	65,562	135	24	24	63,743	190,080
	1890	30	285,794	292	156,201	216	64	12	120,184	350,819
Jewelry. (See also Watch, clock, and jewelry repairing.)	1880	739	11,431,164	12,697	6,441,688	10,050	1,998	649	10,324,990	22,201,621
	1890	783	22,246,508	15,761	10,270,393	12,408	3,137	216	16,110,219	34,761,458
Jewelry and instrument cases	1880	17	62,000	138	51,000	102	31	5	48,550	131,670
	1890	76	634,900	1,038	587,574	747	273	18	483,441	1,454,053
Jute and jute goods	1880	4	416,000	525	141,979	205	302	18	447,094	696,982
	1890	7	1,645,636	1,212	391,586	325	720	167	502,909	1,120,121
Kaolin and other earth grinding	1880	63	1,291,527	898	310,909	866	3	29	697,008	1,455,757
	1890	95	3,334,575	1,461	744,129	1,451	5	5	1,330,290	2,846,862
Kindling wood	1880	213	1,018,490	1,443	526,861	1,187	14	242	1,403,010	2,480,953
	1890	136	1,299,533	1,806	772,377	1,586	152	67	1,187,460	2,401,873
Labels and tags	1880	19	451,500	328	149,268	191	81	56	492,655	865,825
	1890	47	646,815	710	379,897	500	156	54	402,371	1,048,304
Lamps and reflectors. (See also Gas and lamp fixtures.)	1880	74	1,873,625	1,730	742,423	1,478	81	171	1,852,906	3,357,829
	1890	93	2,550,214	2,286	1,320,273	2,083	151	52	1,542,092	4,939,352

a No inquiry respecting this industry in 1880.
b Included largely in other classifications in 1880.
c In 1890 includes 35 establishments reported in the tables following as "Ink, printing", and 38 as "Ink, writing".
d In 1880 includes 89 establishments reported as "Ironwork, architectural and ornamental", and 131 as "Iron railing, wrought".

TABLE 2.—COMPARATIVE SUMMARY, BY SPECIFIED INDUSTRIES: 1880 AND 1890—Continued.

MECHANICAL AND MANUFACTURING INDUSTRIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregatee.		Males above 16 yeare.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Lapidary work	1880	55	$176,875	252	$142,075	207	17	28	$226,277	$544,089
	1890	29	100,635	129	99,486	123	1	5	124,852	315,604
Lard, refined. (See also Slaughtering.)	1880	26	2,513,066	1,181	546,258	1,030	46	105	21,948,826	23,195,702
	1890	17	3,898,910	1,018	648,042	806	151	61	12,654,360	15,474,848
Lasts	1880	62	477,692	537	308,975	497	18	22	221,905	765,296
	1890	52	906,820	774	571,732	770	2	2	331,225	1,239,065
Lead, bar, pipe, and sheet	1880	32	2,466,375	571	316,363	551	5	15	4,363,209	5,600,671
	1890	28	4,892,525	780	552,321	772	8	.....	6,882,157	8,351,754
Leather board. (See also Paper.)	1880	24	856,200	379	121,015	342	27	10	400,975	689,300
	1890	8	445,743	185	92,163	181	4	.....	211,936	463,705
Leather, dressed skins	1880	202	6,266,237	5,395	2,441,372	4,966	208	221	11,063,265	15,399,311
	1890	38	434,800	355	207,724	331	21	3	724,739	1,072,755
Leather goods. (See also Pocketbooks; Trunks and valises.)	1880	57	561,900	1,036	459,318	864	131	41	1,097,373	2,020,343
	1890	139	2,980,060	3,074	1,464,124	2,067	918	89	2,988,747	5,578,428
Leather, morocco (*a*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	121	12,283,793	8,237	4,599,569	7,776	148	313	18,174,452	26,279,105
Leather, patent and enameled	1880	2	17,100	22	12,800	20	2	.....	65,136	166,000
	1890	32	4,108,409	2,087	1,352,981	2,086	1	.....	3,932,724	6,502,228
Leather, tanned and curried (*b*)	1880	c5,424	67,100,574	34,865	14,049,656	34,095	265	505	145,255,716	184,699,633
	1890	1,596	81,261,696	34,348	17,825,605	34,143	126	79	100,114,806	138,282,004
Lightning rods	1880	20	431,750	168	73,718	168	.....	.....	526,691	801,192
	1890	22	436,661	210	132,195	204	5	1	212,789	483,296
Lime and cement	1880	615	6,332,338	5,669	1,579,313	5,493	7	169	2,649,189	5,772,318
	1890	873	18,752,396	13,710	5,473,222	13,607	14	89	5,667,863	15,741,801
Linen goods	1880	5	406,800	484	124,046	211	200	73	381,875	602,451
	1890	3	908,589	583	180,204	227	295	61	268,907	547,273
Liquors, distilled	1880	844	24,247,595	6,502	2,663,967	6,452	10	40	27,744,245	41,063,663
	1890	440	31,006,176	5,343	2,814,889	5,326	11	6	14,909,173	104,197,869
Liquors, malt. (See also Bottling.)	1880	2,191	91,208,224	26,220	12,198,053	26,001	29	190	56,836,500	101,058,385
	1890	1,248	232,471,290	34,800	28,382,544	33,974	310	516	64,003,347	182,731,622
Liquors, vinous. (See also Liquors, distilled.)	1880	117	2,581,910	967	216,559	781	57	129	1,340,629	2,169,193
	1890	236	5,792,783	1,282	480,733	1,245	31	6	1,318,012	2,846,148
Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	1880	167	4,501,825	4,322	2,307,302	3,641	308	373	2,755,264	6,912,338
	1890	219	15,490,127	10,590	7,147,174	8,707	1,574	309	6,265,464	17,988,157
Lock and gun smithing	1880	607	705,815	887	368,967	818	6	63	398,642	1,317,810
	1890	1,308	1,867,220	2,560	1,502,316	2,502	13	45	822,557	3,153,834
Looking-glass and picture frames	1880	645	4,437,666	6,183	2,471,105	5,224	316	643	4,831,248	9,596,219
	1890	1,290	8,554,995	9,664	5,257,553	8,591	667	406	7,069,115	16,376,173
Lumber and other mill products from logs or bolts. (*d*)	1880	25,708	181,186,122	147,956	31,845,974	141,564	425	5,967	146,155,385	233,268,729
	1890	21,011	496,339,968	286,197	87,784,433	280,467	2,462	3,268	231,555,618	403,667,575
Lumber, planing mill products, including sash, doors, and blinds. (*e*) (See also Boxes, wooden packing; Wood, turned and carved.)	1880	2,491	38,070,593	37,187	14,431,654	35,158	102	1,927	45,268,462	73,424,681
	1890	3,670	120,271,440	86,888	48,970,080	85,107	292	1,489	104,926,834	183,681,552
Malt. (See also Liquors, malt.)	1880	216	14,290,441	2,332	1,004,548	2,320	8	4	14,321,423	18,273,102
	1890	202	24,293,864	3,694	2,103,200	3,693	1	.....	17,100,074	23,442,559
Mantels, slate, marble, and marbleized	1880	46	750,300	725	313,009	690	.....	35	476,431	1,030,666
	1890	90	1,854,759	1,704	1,160,861	1,692	8	4	1,254,667	3,127,662
Marble and stone work (*f*)	1880	2,846	16,498,221	21,471	10,238,885	21,112	23	336	12,743,345	31,415,150
	1890	3,373	37,115,193	35,989	25,363,521	35,796	109	84	23,868,904	62,505,762
Masonry, brick and stone (*g*)	1880	1,591	3,990,706	16,020	6,880,866	15,877	1	142	10,123,478	20,586,553
	1890	7,715	54,969,408	119,029	77,527,287	118,796	55	178	96,207,162	204,165,642
Matches	1880	37	2,114,850	2,219	535,911	868	1,120	231	3,298,562	4,668,446
	1890	27	1,941,092	1,755	544,211	830	856	69	935,008	2,193,638
Mats and matting	1880	12	212,000	285	125,129	199	12	74	233,707	430,370
	1890	24	302,630	423	212,481	383	33	7	301,591	608,625
Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	1880	357	1,749,750	2,394	868,325	1,770	466	158	3,116,471	5,288,234
	1890	696	6,662,929	7,337	3,060,297	5,884	1,190	263	8,727,380	15,683,932
Millinery and lace goods. (See also Artificial feathers and flowers.)	1880	247	2,678,880	6,555	1,661,044	971	5,248	336	6,142,091	9,577,840
	1890	278	6,630,210	11,827	5,452,429	3,103	8,682	42	8,588,342	18,047,067

a In 1880 this industry appeared as a distinct class with a reference to "Leather, dressed skins", but no data were shown.
b In 1880 includes 2,319 establishments reported as "Leather, curried", and 3,105 as "Leather, tanned".
c At the census of 1880 an establishment engaged in both tanning and currying made a separate report for each branch of the industry and was counted twice. In 1890 but one report was received for each establishment.
d In 1880 reported as "Lumber, sawed".
e In 1880 includes 1,203 establishments reported as "Lumber, planed", and 1,288 as "Sash, doors, and blinds".
f In 1890 includes 1,321 establishments reported in the tables following as "Marble and stone work" and 2,052 as "Monuments and tombstones".
g In 1890 includes 5,969 establishments reported in the tables following as "Masonry, brick and stone", and 1,746 as "Plastering and stuccowork".

TABLE 2.—COMPARATIVE SUMMARY, BY SPECIFIED INDUSTRIES: 1880 AND 1890—Continued.

MECHANICAL AND MANUFACTURING INDUSTRIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Millinery, custom work (*a*)	1880									
	1890	5,999	$16,309,220	23,975	$8,945,139	1,453	22,309	214	$18,756,776	$36,983,982
Millstones	1880	16	178,900	174	96,534	170	1	3	172,725	355,519
	1890	4	49,450	28	17,264	28			18,294	47,152
Mineral and soda waters. (See also Bottling.)	1880	512	2,569,561	2,726	1,065,633	2,480	27	219	2,117,764	4,741,709
	1890	1,377	10,781,817	7,717	4,206,868	7,391	149	177	4,562,893	14,353,745
Mirrors	1880	7	155,800	77	42,900	74		3	212,500	304,000
	1890	45	1,695,772	1,542	1,033,235	1,484	45	13	3,274,131	6,000,533
Mixed textiles (*b*)	1880	470	37,996,057	43,373	13,316,753	17,471	20,520	5,382	37,227,741	66,221,703
	1890									
Models and patterns	1880	230	377,551	739	389,837	699	21	19	168,696	908,830
	1890	449	1,384,721	2,010	1,427,861	1,941	43	26	440,576	2,523,395
Mucilage and paste	1880	4	3,100	9	3,090	8		1	8,770	16,700
	1890	55	748,826	404	199,411	347	54	3	755,034	1,276,611
Musical instruments and materials, not specified.	1880	84	654,850	573	293,062	528	29	16	385,776	853,746
	1890	293	1,329,329	1,382	852,177	1,295	66	21	510,664	1,888,613
Musical instruments, organs and materials.	1880	171	3,922,338	4,202	2,142,539	3,948	89	165	2,692,332	6,136,472
	1890	145	9,890,288	4,989	3,096,477	4,818	149	22	3,454,720	9,213,188
Musical instruments, pianos and materials.	1880	174	9,869,577	6,575	4,663,193	6,449	57	69	5,283,119	12,264,521
	1890	236	18,430,872	13,957	9,347,729	12,818	199	40	10,470,779	25,766,368
Needles and pins	1880	40	1,144,550	1,077	392,214	664	380	93	591,013	1,378,023
	1890	45	1,820,089	1,680	728,002	963	697	20	450,442	1,515,865
Nets and seines	1880	13	140,650	210	54,112	79	114	17	180,215	291,765
	1890	22	1,135,764	650	217,985	135	515		634,634	1,002,196
Oaknm (*c*)	1880									
	1890	7	275,675	151	57,116	133	4	14	231,733	363,400
Oil, castor	1880	8	474,600	108	44,714	107		1	384,890	653,900
	1890	7	621,798	101	70,131	99	2		431,231	573,363
Oil, cottonseed and cake	1880	45	3,862,300	3,319	880,836	3,114	33	172	5,091,251	7,690,921
	1890	119	12,808,996	6,301	1,907,827	6,205	59	37	14,363,126	19,335,947
Oil, essential	1880	124	67,755	278	24,030	273	1	4	125,167	248,858
	1890	67	102,223	220	37,492	220			129,735	255,847
Oil, illuminating, not including petroleum, refining.	1880	7	128,500	50	20,950	50			414,600	510,000
	1890	5	561,496	66	54,418	64	2		442,338	599,720
Oil, lard	1880	28	1,127,500	432	61,672	424		8	4,184,450	4,721,066
	1890	7	481,526	120	82,232	120			920,650	1,181,613
Oil, linseed	1880	81	5,872,750	1,416	681,577	1,378	17	21	12,874,294	15,393,812
	1890	62	14,003,358	2,073	1,286,062	2,066	7		19,374,543	23,534,306
Oil, lubricating	1880	51	1,370,225	413	208,145	399	8	6	2,129,589	2,925,501
	1890	124	4,091,157	1,072	876,470	1,019	47	6	4,961,184	8,656,530
Oil, neat's foot (*b*)	1880	15	433,050	50	16,554	50			210,524	259,086
	1890									
Oil, resin	1880	3	82,523	23	14,590	23			189,622	238,471
	1890	8	284,110	117	82,652	117			535,320	738,680
Oilcloth, enameled	1880	4	315,000	258	116,627	215	2	41	864,200	1,062,000
	1890	9	772,820	367	212,461	361	4	2	983,518	1,603,265
Oilcloth, floor	1880	25	3,429,550	1,735	733,235	1,690	5	40	3,118,708	4,752,587
	1890	19	3,704,436	1,583	837,969	1,538	5	40	2,380,295	3,877,822
Oleomargarine	1880	15	1,680,300	599	212,952	561	18	20	5,486,141	6,892,939
	1890	12	634,532	328	245,890	310	17	1	2,175,264	2,988,525
Optical goods (*d*)	1880	62	643,825	1,088	450,897	872	113	103	417,472	1,182,142
	1890	191	2,608,176	2,844	1,300,452	2,170	542	132	1,324,305	3,505,973
Ordnance and ordnance stores (*c*)	1880									
	1890	4	7,630,991	1,459	1,099,306	1,456	2	1	743,348	2,424,662
Painting and paper hanging	1880	3,968	5,645,950	17,711	7,920,866	17,271	131	309	8,762,780	22,457,560
	1890	10,043	23,135,781	56,281	37,722,550	55,646	378	257	23,110,359	74,067,998
Paints. (See also Chemicals; Varnish.)	1880	244	13,555,292	4,483	2,132,255	4,192	188	103	17,062,552	23,390,767
	1890	382	34,009,203	8,737	5,605,626	8,057	615	65	24,930,532	40,438,171
Paper. (See also Leather board; Pulp, wood.)	1880	692	46,241,202	24,422	8,525,355	16,133	7,640	649	33,951,297	55,109,914
	1890	567	82,374,099	29,568	13,726,584	22,552	6,789	227	42,223,314	74,309,388
Paper goods, not elsewhere specified (*c*)	1880									
	1890	66	2,922,449	1,647	765,181	1,092	446	109	2,627,454	4,179,235

a No inquiry respecting this industry in 1880.
b Included in other classifications in 1890.
c Included largely in other classifications in 1880.
d In 1880 reported as "Spectacles and eyeglasses".

TABLE 2.—COMPARATIVE SUMMARY, BY SPECIFIED INDUSTRIES: 1880 AND 1890—Continued.

MECHANICAL AND MANUFACTURING INDUSTRIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Paper hangings	1880	25	$3,560,500	2,487	$874,921	1,666	150	671	$3,629,222	$6,267,303
	1890	27	5,709,909	2,814	1,474,788	2,281	255	278	3,572,027	7,431,726
Paper patterns	1880	4	105,100	97	40,538	13	84	.....	44,000	512,550
	1890	27	156,106	448	153,738	77	370	1	85,269	377,456
Patent medicines and compounds. (See also Druggists' preparations, not including proscriptions.)	1880	563	10,620,880	4,025	1,651,596	2,504	1,186	335	6,704,729	14,682,494
	1890	1,127	18,596,823	9,390	5,094,202	6,260	2,973	157	11,030,916	32,620,182
Paving and paving materials	1880	46	745,750	757	244,339	755	.....	2	576,301	1,024,243
	1890	704	12,648,093	22,730	10,450,970	22,704	10	16	13,891,005	30,644,072
Pencil cases (*a*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	6	66,625	89	60,088	84	5	.....	59,491	164,450
Pencils, lead	1880	4	341,597	399	102,233	116	144	139	97,344	279,427
	1890	5	3,100,836	1,452	580,750	539	640	273	790,378	1,687,560
Pens, fountain and stylographic (*a*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	15	142,265	176	102,799	151	25	.....	123,214	351,775
Pens, gold	1880	16	370,150	264	172,207	226	19	19	190,906	533,031
	1890	18	473,964	363	260,669	333	29	1	235,628	718,070
Pens, steel	1880	3	182,500	280	88,500	34	230	16	38,950	164,000
	1890	3	399,182	511	152,175	156	322	33	56,630	268,259
Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	1880	67	813,827	741	238,259	352	357	32	1,201,409	2,203,004
	1890	157	2,238,901	1,755	877,679	867	872	16	2,128,420	4,630,141
Petroleum, refining (*b*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	94	77,416,296	12,471	6,989,478	11,920	35	516	67,918,723	85,001,198
Photographic apparatus	1880	10	90,800	104	41,314	83	9	6	40,658	104,305
	1890	25	362,834	549	308,939	476	61	12	164,620	624,342
Photographic materials	1880	5	63,000	63	25,310	31	30	2	89,900	142,000
	1890	45	1,172,640	899	538,266	697	200	2	1,107,269	2,121,387
Photography	1880	1,287	2,131,895	3,977	1,751,118	2,860	980	131	1,671,455	5,935,311
	1890	3,105	7,804,532	10,432	6,405,871	7,929	2,385	118	3,892,196	15,488,324
Photolithographing and engraving. (*a*) (See also Lithographing and engraving; Stereotyping and electrotyping.)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	89	1,134,873	1,352	988,898	1,248	88	16	541,395	2,071,580
Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	1880	109	841,023	930	259,454	592	230	108	1,472,639	2,407,342
	1890	316	4,913,459	4,252	1,767,319	2,612	1,612	28	5,328,541	9,790,855
Pipes, tobacco	1880	37	233,800	645	226,306	500	65	80	209,518	628,688
	1890	69	1,432,753	1,345	730,996	1,155	171	19	626,668	1,881,262
Plated and britannia ware. (See also Silverware)	1880	55	5,862,025	4,675	2,453,361	3,742	831	102	4,100,116	8,596,181
	1890	68	13,150,990	6,919	3,775,305	5,758	998	163	4,647,890	11,502,966
Plumbers' supplies. (*a*) (See also Brass castings and brass finishing.)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	122	9,678,107	5,485	3,304,214	5,277	93	115	5,853,709	11,960,464
Plumbing and gas fitting	1880	2,161	5,950,512	9,684	4,770,389	9,217	15	452	9,095,308	18,133,250
	1890	5,327	29,335,247	42,513	28,762,611	41,822	216	475	37,735,671	80,905,925
Pocketbooks. (See also Leather goods.)	1880	53	598,350	1,413	434,947	890	416	107	930,033	1,769,036
	1890	62	1,121,834	1,348	661,992	865	411	72	968,948	2,165,462
Postal cards (*c*)	1880	1	20,000	28	10,000	10	18	.....	200,000	190,000
	1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and publishing (*d*)	1880	3,467	62,983,704	58,478	30,531,657	45,880	6,759	5,839	32,460,295	90,789,341
	1890	16,566	195,387,445	165,227	105,083,075	135,628	22,223	7,376	68,858,915	275,452,515
Printing materials	1880	27	199,900	191	98,878	164	7	20	190,353	421,316
	1890	64	1,370,487	866	486,106	661	189	16	567,638	1,459,434
Pulp goods (*a*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	9	418,045	276	139,034	251	18	7	122,851	352,582
Pulp, wood (*e*)	1880	50	1,898,450	1,209	444,778	1,184	8	17	910,835	2,256,946
	1890	82	7,455,449	2,830	1,228,901	2,762	27	41	2,005,166	4,627,796
Pulp from fiber, other than wood (*a*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	7	583,837	168	93,256	165	1	2	126,902	524,243
Pumps, not including steam pumps	1880	411	2,383,482	1,731	652,749	1,692	3	36	2,038,634	3,644,631
	1890	256	3,540,097	2,140	1,145,145	2,119	8	13	1,681,275	4,103,410
Racking hose (*f*)	1880	1	500	2	1,200	2	.....	.....	1,350	5,512
	1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Refrigerators	1880	71	727,220	1,053	423,680	975	14	64	881,842	1,739,731
	1890	82	3,367,329	2,373	1,252,765	2,213	61	99	2,377,958	4,513,616
Regalia and society banners and emblems. (See also Flags and banners.)	1880	47	452,590	589	174,097	175	376	38	429,227	815,638
	1890	137	1,841,193	2,379	1,044,722	933	1,432	14	1,246,906	3,203,890

a Included largely in other classifications in 1880.
b In 1880 "Petroleum refining" formed part of a separate report and was not included in the general statistics of manufactures.
c Included in other classifications in 1890.
d In 1890 includes 4,008 establishments reported in the tables following as "Printing and publishing, book and job"; 79 as "Printing and publishing, music"; 12,362 as "Printing and publishing, newspapers and periodicals", and 27 as "Printing, tin".
e In 1880 reported as "Wood pulp".
f For 1890 included in group "All other industries" at end of table.

TABLE 2.—COMPARATIVE SUMMARY, BY SPECIFIED INDUSTRIES: 1880 AND 1890—Continued.

MECHANICAL AND MANUFACTURING INDUSTRIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Registers, car fare	1880	1	$300,000	7	$4,876	7	.....	.....	$870	$6,600
	1890	7	74,725	101	64,074	99	1	1	32,618	141,320
Registers, cash (a)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	5	292,150	742	434,140	632	100	10	222,576	1,281,500
Rice, cleaning and polishing	1880	22	562,200	516	110,467	376	94	46	2,666,497	3,133,324
	1890	32	2,073,884	743	319,593	726	9	8	5,601,206	6,693,196
Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	1880	493	2,329,277	3,082	1,411,133	3,019	22	41	3,862,354	6,227,284
	1890	2,140	13,303,597	13,333	8,558,026	13,156	70	107	14,712,379	29,412,813
Rubber and elastic goods	1880	90	6,057,987	6,268	2,295,972	3,693	2,281	294	9,249,967	13,751,724
	1890	139	13,703,787	9,802	4,516,266	5,088	4,336	378	11,113,528	18,708,917
Rubber, vulcanized (b)	1880	3	226,200	495	154,700	335	150	10	391,200	767,200
	1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rules, ivory and wood	1880	6	54,200	56	19,974	52	1	3	16,075	66,200
	1890	16	172,918	163	74,127	127	29	7	34,325	154,173
Saddlery and harness	1880	7,999	16,508,019	21,446	7,997,752	20,024	561	861	19,968,716	38,081,643
	1890	7,931	35,346,620	30,326	16,030,845	28,953	1,039	334	24,674,225	52,970,801
Safes and vaults	1880	40	2,201,600	2,206	1,096,504	2,173	.....	33	1,431,083	3,352,398
	1890	39	4,603,118	4,131	2,394,825	4,068	24	39	2,635,313	6,641,844
Salt	1880	268	8,225,740	4,289	1,260,023	4,125	20	144	2,074,049	4,829,566
	1890	200	13,437,749	4,455	1,782,491	4,252	151	52	1,826,770	5,484,618
Salt, ground (c)	1880	8	322,900	204	44,997	149	47	8	280,693	361,658
	1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sand and emery paper and cloth	1880	6	121,500	82	30,970	52	21	9	148,477	262,374
	1890	9	705,957	253	156,489	236	17	.....	781,505	1,249,647
Saws	1880	89	3,281,135	2,566	1,226,370	2,288	23	255	1,744,083	3,943,105
	1890	95	6,313,373	2,943	1,859,694	2,714	61	168	2,346,401	5,572,992
Scales and balances	1880	64	3,814,981	1,554	783,019	1,527	1	26	654,711	3,252,460
	1890	76	1,658,655	1,500	837,575	1,480	7	13	867,955	2,322,744
Screws (d)	1880	20	4,265,000	1,585	456,542	943	378	264	935,800	2,148,532
	1890	27	7,244,580	2,764	1,160,408	1,935	778	51	1,232,377	3,509,986
Sewing machine cases	1880	18	741,300	1,822	683,338	1,536	.....	286	1,239,400	2,064,837
	1890	7	1,430,403	1,812	886,725	1,676	12	154	990,439	2,249,551
Sewing machine repairing (a)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	166	192,593	335	201,066	311	23	1	86,816	385,941
Sewing machines and attachments	1880	106	12,501,830	9,553	4,636,099	8,632	248	673	4,829,106	13,863,188
	1890	59	16,043,136	9,121	5,170,555	8,317	552	252	3,502,173	12,823,147
Shingles, split (e)	1880	45	17,770	193	11,394	162	11	20	20,470	47,952
	1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shipbuilding	1880	2,188	20,979,874	21,345	12,713,813	21,338	.....	7	19,736,358	36,806,327
	1890	1,010	53,393,074	25,934	16,028,847	25,740	20	174	16,925,109	40,342,115
Shirts. (See also Furnishing goods, men's.)	1880	549	6,841,778	25,687	5,403,696	2,878	22,186	623	11,306,444	20,130,031
	1890	869	14,273,611	32,750	10,704,603	6,813	25,730	207	15,704,353	33,638,593
Shoddy	1880	73	1,165,100	1,282	400,326	695	496	91	3,366,650	4,989,615
	1890	94	3,754,063	2,299	856,582	1,394	867	38	6,003,035	7,887,000
Show cases	1880	93	341,970	692	329,230	640	4	48	519,585	1,172,172
	1890	99	1,208,022	1,500	876,150	1,425	9	66	1,077,345	2,569,557
Silk and silk goods	1880	382	19,125,300	31,337	9,146,705	9,375	16,396	5,566	22,467,701	41,033,045
	1890	472	51,007,537	50,913	19,680,318	18,998	29,049	2,866	51,004,425	87,298,454
Silversmithing	1880	38	257,198	131	76,640	123	8	.....	102,058	263,931
	1890	24	410,773	314	253,652	291	19	4	204,237	621,567
Silverware. (See also Plated and britannia ware.)	1880	39	1,640,900	1,029	675,943	882	34	113	1,028,502	2,253,630
	1890	30	5,317,641	2,306	1,618,429	2,143	151	12	2,129,344	5,813,737
Slaughtering and meat packing, not including retail butchering. (f)	1880	872	49,419,213	27,297	10,508,530	26,113	.....	1,184	267,738,902	303,562,413
	1890	1,367	118,010,066	49,052	29,403,249	47,215	1,133	704	482,897,381	564,667,035
Smelting and refining	1880	4	162,100	311	158,300	309	.....	2	8,171,900	8,411,100
	1890	50	9,425,912	1,765	1,122,353	1,756	3	6	25,285,191	28,188,826
Soap and candles. (See also Grease and tallow.)	1880	620	14,541,294	5,289	2,219,513	4,368	388	633	19,907,444	26,552,627
	1890	578	24,821,069	9,305	4,951,648	7,536	1,255	514	28,687,412	43,600,285
Soda water apparatus	1880	8	413,000	332	169,235	308	17	7	565,538	1,075,569
	1890	12	3,354,928	993	728,121	951	31	11	1,016,202	2,711,879
Sporting goods	1880	86	1,444,750	1,401	411,854	565	734	102	692,616	1,556,258
	1890	136	1,693,776	2,199	881,970	1,224	863	112	1,119,806	2,709,449

a Included largely in other classifications in 1880.
b For 1890 included in group "All other industries" at end of table.
c In 1890 included with "Salt".
d In 1890 includes 20 establishments reported in the tables following as "Screws, machine", and 7 as "Screws, wood".
e In 1890 included with "Timber products, not manufactured at mill".
f In 1890 includes 249 establishments reported in the tables following as "Sausage"; 611 as "Slaughtering and meat packing, wholesale", and 507 as "Slaughtering, wholesale, not including meat packing".

TABLE 2.—COMPARATIVE SUMMARY, BY SPECIFIED INDUSTRIES: 1880 AND 1890—Continued.

MECHANICAL AND MANUFACTURING INDUSTRIES.	Year.	Number of establishments reporting.	Capital.	AGGREGATE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Springs, steel, car and carriage	1880	59	$1,769,293	1,530	$699,412	1,487	1	42	$2,346,818	$3,654,862
	1890	57	3,459,422	1,892	1,174,770	1,851	7	34	2,219,408	4,331,571
Stamped ware. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	1880	26	2,175,940	2,382	808,043	1,831	331	220	2,104,141	3,512,423
	1890	99	8,692,888	7,075	3,092,872	5,238	1,389	448	5,229,888	10,475,271
Starch	1880	139	5,328,256	3,119	919,197	2,710	301	108	4,911,060	7,477,742
	1890	80	4,929,155	3,121	1,189,017	2,519	490	112	5,153,677	8,934,517
Stationery goods, not elsewhere specified	1880	159	3,286,325	3,117	1,159,893	1,871	1,028	218	3,501,426	5,898,322
	1890	200	5,372,309	4,790	2,268,409	2,590	2,013	187	5,208,761	9,292,017
Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	1880	95	3,075,751	2,474	1,305,739	2,425	.....	49	2,857,090	5,127,842
	1890	217	17,017,364	11,779	7,594,395	11,435	232	112	10,628,314	23,147,434
Steam packing (*a*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	34	538,564	418	229,174	376	32	10	357,819	1,003,372
Stencils and brands	1880	104	224,525	305	139,639	261	11	33	144,554	472,514
	1890	106	445,165	499	345,377	456	29	14	167,590	732,611
Stereotyping and electrotyping. (See also Type founding.)	1880	45	536,000	642	312,208	562	44	36	200,491	724,689
	1890	81	1,332,129	1,475	1,068,991	1,343	76	56	500,744	2,183,909
Straw goods, not elsewhere specified. (See also Hats and caps, not including wool hats.)	1880	77	3,333,560	10,948	2,556,197	3,278	7,501	169	5,455,559	9,345,759
	1890	6	106,750	433	120,388	125	306	2	134,945	329,987
Sugar and molasses, beet (*b*)	1880	4	365,000	350	62,271	350	.....	.....	186,128	282,572
	1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sugar and molassee, refining	1880	49	27,432,500	5,857	2,875,032	5,832	.....	25	144,698,499	155,484,915
	1890	393	24,013,008	7,529	2,815,275	7,166	263	100	107,758,811	123,118,259
Surgical appliances. (See also Artificial limbs.)	1880	71	843,142	477	265,372	308	154	15	286,720	906,303
	1890	155	856,396	912	549,318	603	285	24	524,488	1,650,033
Tar and turpentine	1880	508	1,866,390	10,535	1,623,061	9,955	338	242	2,324,637	5,876,983
	1890	670	4,062,375	15,315	2,933,491	15,089	141	94	2,874,693	8,077,379
Taxidermy	1880	16	25,750	150	22,000	27	102	21	21,850	82,500
	1890	63	293,112	155	102,237	144	7	4	37,727	231,773
Teasels (*c*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	5	61,400	72	21,584	59	10	3	50,362	84,700
Thread, linen (*b*)	1880	1	500,000	930	260,000	200	730	.....	750,000	1,200,000
	1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Timber products, not manufactured at mill (*a*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	1,606	61,541,086	46,142	11,353,608	45,904	220	18	11,006,678	34,289,807
Tinsmithing, coppersmithing, and sheet-iron working. (*d*) (See also Roofing and roofing materials; Stamped ware.)	1880	7,693	23,167,392	27,116	11,243,276	24,755	855	1,506	26,460,228	50,183,811
	1890	7,002	38,434,900	38,442	21,036,375	36,012	1,419	1,011	31,217,522	66,653,746
Tinfoil (*b*)	1880	4	686,000	186	100,673	101	70	15	198,942	416,849
	1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tobacco, chewing, smoking, and snuff	1880	477	17,207,401	32,756	6,419,024	14,886	10,776	7,094	34,397,072	52,793,056
	1890	395	30,841,316	31,267	8,568,071	16,394	10,589	4,284	29,192,249	65,843,587
Tobacco, cigars and cigarettes	1880	7,145	21,698,549	53,297	18,464,562	40,099	9,108	4,090	29,577,833	63,979,575
	1890	10,956	59,517,827	98,156	44,767,989	70,355	24,467	3,334	50,298,960	129,693,275
Tobacco, stemming and rehandling	1880	52	1,089,342	1,534	170,871	567	596	371	1,409,502	1,897,535
	1890	292	5,735,610	6,504	1,455,946	4,320	1,644	540	12,813,108	16,209,761
Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	1880	145	4,384,109	3,151	1,489,531	3,042	29	80	1,532,556	4,236,568
	1890	462	11,376,622	7,095	4,144,838	6,798	196	101	3,517,269	10,528,025
Toys and games	1880	106	915,575	2,196	512,786	1,153	618	425	595,833	1,562,513
	1890	139	2,781,185	3,440	1,346,850	2,476	731	233	1,453,738	3,749,755
Trunks and valises. (See also Leather goods.)	1880	265	2,792,256	4,534	1,786,586	3,805	254	475	3,910,133	7,252,470
	1890	395	6,900,756	6,785	3,513,749	6,287	322	176	4,703,982	10,821,621
Type founding. (See also Stereotyping and electrotyping.)	1880	48	2,772,690	1,986	958,693	1,327	406	253	660,748	2,330,298
	1890	38	4,968,309	2,172	1,401,749	1,444	628	100	1,434,092	3,916,904
Typewriters and supplies (*c*)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	30	1,421,783	1,735	1,078,203	1,560	173	2	632,723	3,630,126
Umbrellas and canes	1880	172	2,658,725	3,608	1,158,682	1,504	1,859	245	4,502,777	6,917,463
	1890	435	5,646,289	6,863	3,204,797	3,702	3,022	139	7,562,921	13,771,927
Upholstery materials. (See also Carpets and rugs, other than rag; Woolen goods; Worsted goods.)	1880	79	1,690,200	1,477	523,417	961	306	210	1,023,154	1,837,705
	1890	152	4,427,654	3,479	1,454,062	2,411	897	171	3,013,253	5,733,039
Varnish. (See also Paints.)	1880	81	3,778,100	573	366,716	550	.....	23	3,699,684	5,721,174
	1890	140	11,308,943	1,851	1,749,961	1,791	50	10	7,805,663	13,795,510
Vault lights and ventilators. (See also Foundry and machine shop products.)	1880	12	138,450	115	66,204	115	.....	.....	108,981	273,395
	1890	15	175,225	205	160,594	203	1	1	185,529	455,413
Veneering (*e*)	1880	5	261,500	141	35,730	105	6	30	137,082	292,205
	1890	.....	.....	.....	.....	.....	.....	.....	.....	.....

a Included largely in other classifications in 1880.
b For 1890 included in group "All other industries" at end of table.
c No reports received for this industry in 1880.
d In 1880 includes 98 establishments reported as "Coppersmithing" and 7,595 as "Tinware, copperware, and sheet-iron ware".
e Included in other classifications in 1890.

TABLE 2.—COMPARATIVE SUMMARY, BY SPECIFIED INDUSTRIES: 1880 AND 1890—Continued.

MECHANICAL AND MANUFACTURING INDUSTRIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Vinegar and cider	1880	306	$2,151,766	1,257	$413,451	1,160	44	53	$1,888,173	$3,418,038
	1890	694	5,858,395	3,388	1,149,069	3,191	167	30	3,268,455	6,649,300
Washing machines and clothes wringers.	1880	61	652,549	476	176,287	398	18	60	587,643	1,182,714
	1890	163	1,712,953	1,239	589,523	1,143	29	67	1,354,550	2,489,175
Watch and clock materials. (See also Clock cases and materials.)	1880	20	117,550	278	86,050	184	45	49	130,315	300,195
	1890	32	661,784	563	292,497	432	117	14	314,674	787,310
Watch cases	1880	27	1,584,740	1,758	976,041	1,418	139	201	2,812,922	4,589,314
	1890	45	4,727,100	3,869	2,116,286	3,117	727	25	5,022,455	8,618,479
Watch, clock, and jewelry repairing. (See also Jewelry.)	1880	1,202	1,704,571	1,657	866,996	1,547	32	78	763,249	2,712,819
	1890	4,502	6,057,125	8,647	5,516,595	8,435	96	116	2,225,888	10,704,477
Watches	1880	11	4,144,327	3,346	1,712,276	2,127	1,219	.....	982,224	3,271,244
	1890	19	10,106,114	6,675	3,688,927	4,005	2,650	20	995,740	6,051,066
Whalebone and rattan. (See also Baskets and rattan and willow ware.)	1880	12	166,450	175	75,003	123	42	10	371,450	526,777
	1890	9	221,358	79	53,713	58	21	.....	555,173	682,977
Wheelbarrows	1880	22	266,200	239	72,489	220	.....	19	101,853	227,392
	1890	26	1,116,359	620	297,508	609	4	7	637,720	1,185,565
Whips	1880	88	1,078,070	1,056	415,007	742	266	48	701,225	1,698,633
	1890	81	1,632,404	1,087	544,522	807	272	8	821,614	2,153,818
Windmills	1880	69	697,100	596	244,197	585	3	8	523,594	1,010,542
	1890	77	2,463,231	1,235	691,583	1,266	22	7	1,123,947	2,475,050
Window shades	1880	131	1,385,515	1,279	479,133	1,015	143	121	1,635,700	2,826,518
	1890	182	4,167,457	2,399	1,437,771	2,002	380	17	5,341,874	9,239,669
Wire	1880	40	4,230,071	6,169	1,982,731	5,544	172	453	7,034,065	10,836,605
	1890	24	11,607,685	7,804	4,183,802	7,749	54	1	15,038,540	22,012,804
Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	1880	305	3,681,893	4,459	1,708,165	3,595	300	564	5,410,084	9,127,818
	1890	569	11,757,902	7,917	3,983,209	6,729	913	275	8,325,435	15,552,857
Wood, preserving	1880	2	120,000	36	14,717	36	.....	.....	62,700	101,110
	1890	4	262,718	95	42,009	95	.....	.....	50,697	143,475
Wood, turned and carved. (a) (See also Lumber, planing mill products, including sash, doors, and blinds.)	1880	916	4,482,800	7,240	2,585,578	6,437	142	661	3,637,950	8,426,817
	1890	872	7,825,668	8,430	4,226,923	7,879	313	238	3,947,227	10,939,647
Woodenware, not elsewhere specified	1880	287	3,606,794	5,033	1,539,571	4,268	144	621	2,635,720	5,235,474
	1890	167	2,711,609	3,101	1,237,334	2,818	140	143	1,498,773	3,597,602
Wool hats	1880	43	3,615,830	5,470	1,893,215	3,222	1,459	789	4,785,774	8,516,569
	1890	32	4,142,224	3,592	1,363,944	2,309	1,124	159	2,802,041	5,329,921
Woolen goods. (See also Carpets and rugs, other than rag; Felt goods; Gloves and mittens; Hosiery and knit goods.)	1880	1,990	96,095,561	86,504	25,836,392	46,978	29,372	10,154	100,845,611	160,606,721
	1890	1,311	130,989,940	79,351	28,478,931	44,435	30,240	4,626	82,270,335	133,577,977
Worsted goods	1880	76	20,374,043	18,803	5,683,027	6,435	9,473	2,895	22,013,628	33,549,942
	1890	143	68,085,116	43,593	15,880,183	19,658	20,110	3,825	50,706,769	79,194,652
Zinc	1880	16	2,022,600	1,298	666,970	1,286	.....	12	1,771,055	2,725,165
	1890	8	1,007,320	1,082	653,096	1,079	.....	3	2,005,682	2,976,730
All other industries (b)	1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	c1890	12	2,952,222	1,748	622,080	778	932	38	1,773,808	3,142,145

a In 1880 includes 206 establishments reported as "Handles, wooden", and 710 as "Wood, turned and carved".
b In 1890, embraces fuel, artificial, 2; phonographs and graphophones, 2; racking hose, 1; rubber, vulcanized, 1; sugar and molasses, beet, 2; thread, linen, 2; tinfoil, 2.
c Included largely in other classifications in 1880.

TABLE 3.

MANUFACTURES, BY STATES AND TERRITORIES: 1890.

TABLE 3.—MANUFACTURES, BY STATES

["Live assets" include raw materials, stock in process, and finished products on hand; cash, and bills and accounts receivable. "Miscellaneous expenses" include in the business, and all sundries not elsewhere reported. "Cost of materials

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.			
			Aggregate.	Plant.		
				Total.	Land.	Buildings.
1	The United States	355,415	$6,525,156,486	$3,238,433,976	$775,586,849	$878,570,737
2	Alabama	2,977	46,122,571	33,837,084	6,222,432	6,487,089
3	Alaska	10	105,727	96,703	4,250	26,350
4	Arizona	76	616,629	383,290	24,120	76,240
5	Arkansas	2,073	14,971,614	10,448,236	2,707,958	1,782,609
6	California	7,923	146,797,102	80,004,604	21,352,256	15,898,565
7	Colorado	1,518	26,651,840	14,911,757	3,628,703	3,065,498
8	Connecticut	6,822	227,004,496	101,457,999	14,781,994	34,495,124
9	Delaware	1,003	33,095,400	16,707,608	3,494,802	5,394,517
10	District of Columbia	2,295	28,865,089	19,378,931	5,438,756	5,396,278
11	Florida	805	11,110,304	7,277,120	2,435,136	1,079,512
12	Georgia	4,285	56,921,580	36,137,965	8,034,507	9,072,266
13	Idaho	140	1,048,916	616,560	80,560	146,108
14	Illinois	20,482	502,004,512	236,825,020	61,986,313	68,754,214
15	Indiana	12,354	131,605,366	62,623,201	11,327,139	20,252,707
16	Indian territory	20	204,329	147,749	5,800	27,400
17	Iowa	7,440	77,513,097	39,001,353	10,322,103	11,375,796
18	Kansas	4,471	43,926,002	23,913,090	4,716,300	8,734,553
19	Kentucky	7,745	79,811,980	36,712,121	7,468,633	12,127,764
20	Louisiana	2,613	34,754,121	20,976,072	4,882,106	4,764,183
21	Maine	5,010	80,419,809	41,183,178	7,198,639	12,039,040
22	Maryland	7,485	119,667,316	58,204,999	13,565,147	17,703,369
23	Massachusetts	26,923	630,032,341	274,781,845	40,926,844	83,906,371
24	Michigan	12,127	262,412,240	135,667,551	61,557,730	24,269,785
25	Minnesota	7,505	127,686,618	65,377,472	27,332,889	12,567,605
26	Mississippi	1,698	14,896,884	9,989,714	2,006,782	2,447,028
27	Missouri	14,052	189,558,546	86,655,857	21,388,383	25,190,728
28	Montana	289	4,293,794	2,448,313	561,265	689,165
29	Nebraska	3,014	37,569,508	20,416,158	4,668,810	7,465,566
30	Nevada	95	1,211,269	694,510	203,410	194,123
31	New Hampshire	3,229	79,375,160	41,210,934	8,392,436	10,884,979
32	New Jersey	9,225	250,805,745	128,643,466	26,057,714	40,777,779
33	New Mexico	127	965,938	717,750	60,507	185,295
34	New York	65,840	1,130,161,195	532,753,966	120,861,115	141,542,405
35	North Carolina	3,667	32,745,995	20,239,772	3,730,403	4,932,861
36	North Dakota	382	2,894,553	1,643,130	201,160	498,520
37	Ohio	28,673	402,793,019	182,623,997	38,125,149	58,206,728
38	Oklahoma	72	95,519	72,936	13,412	8,410
39	Oregon	1,523	32,122,051	19,865,297	8,147,763	4,380,451
40	Pennsylvania	39,339	991,243,115	505,477,195	111,859,797	135,112,770
41	Rhode Island	3,377	126,483,401	68,013,492	8,980,688	19,294,199
42	South Carolina	2,382	29,276,261	18,217,734	2,981,486	5,591,670
43	South Dakota	499	3,207,796	2,164,020	322,855	512,142
44	Tennessee	4,559	51,475,092	29,895,690	6,441,558	7,263,689
45	Texas	5,268	46,815,181	30,351,607	8,495,546	6,090,177
46	Utah	531	6,583,622	3,603,045	1,281,296	838,690
47	Vermont	3,031	32,763,291	16,825,322	3,606,967	4,995,066
48	Virginia	5,915	63,456,799	34,962,393	7,041,581	9,572,702
49	Washington	1,543	34,369,735	21,543,394	9,133,392	3,643,086
50	West Virginia	2,376	28,118,030	16,464,520	3,615,607	4,138,734
51	Wisconsin	10,417	246,515,404	125,455,518	57,766,281	24,461,110
52	Wyoming	190	1,411,184	811,838	146,369	209,721

AND TERRITORIES: 1890.

rent for tenancy; taxes (including internal revenue); insurance; repairs, ordinary, of buildings and machinery; amount paid contractors; interest paid on cash used used" also includes fuel, rent of power and heat, and mill supplies.]

CAPITAL—continued.			AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
Plant—Cont'd.			Aggregates		Officers, firm members, and clerks.				
					Males above 16 years.		Females above 15 years.		
Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$1,584,276,390	$3,286,722,510	$631,225,035	4,712,622	$2,283,216,529	418,081	$372,169,441	42,928	$19,818,767	1
21,128,463	12,284,587	2,797,896	33,821	12,676,029	2,553	1,821,211	131	55,071	2
66,103	9,024	5,252	86	22,173	8	3,548	.....	.....	3
282,930	233,339	49,231	528	358,127	70	55,981	.....	.....	4
5,957,669	4,523,378	1,035,107	15,972	5,749,888	1,783	1,073,303	46	27,399	5
42,753,783	66,792,498	12,984,191	83,642	51,538,780	9,972	9,774,950	974	590,912	6
8,217,556	11,740,083	1,948,025	17,067	12,285,734	1,923	2,323,926	128	89,403	7
52,180,881	125,546,497	15,399,101	149,939	75,990,606	8,632	9,167,490	793	357,799	8
7,818,289	16,987,792	1,851,575	21,906	9,892,387	1,305	1,204,938	122	56,974	9
8,543,897	9,486,158	1,589,869	23,404	14,622,264	2,689	2,200,834	309	157,288	10
3,762,472	3,833,184	1,131,067	13,927	6,513,068	741	564,799	67	29,655	11
19,631,192	20,783,615	4,019,539	66,383	17,312,196	3,790	2,569,166	295	119,034	12
389,892	432,356	69,586	774	324,202	105	67,255	2	1,040	13
106,084,493	265,179,492	79,515,193	312,198	171,523,579	28,878	27,086,400	3,102	1,563,914	14
31,043,355	68,982,165	16,500,903	124,349	51,749,976	12,731	8,742,523	1,028	436,195	15
114,549	56,580	11,590	175	79,830	8	6,608	.....	.....	16
17,303,454	38,511,744	5,732,206	59,174	25,878,997	7,583	5,233,383	554	215,994	17
10,462,237	20,612,912	5,853,466	32,843	16,328,485	4,311	2,915,686	295	124,624	18
17,115,724	43,099,859	15,879,728	65,579	27,761,746	8,074	5,988,985	947	445,930	19
11,329,783	13,778,049	3,760,753	31,901	13,159,564	3,267	2,912,703	257	124,292	20
21,945,499	39,236,631	5,394,694	75,780	26,526,217	4,853	3,370,916	553	192,719	21
26,936,483	61,462,317	10,616,347	107,054	41,526,832	8,695	6,855,782	551	229,636	22
149,948,630	355,250,496	63,083,782	485,182	239,670,509	32,475	31,343,429	5,437	2,482,743	23
49,840,636	126,744,689	18,348,331	163,941	66,347,798	14,174	10,920,189	1,093	444,703	24
25,476,978	62,309,146	12,136,612	79,629	38,189,239	8,617	7,253,680	1,222	564,436	25
5,535,904	4,907,170	827,627	15,817	4,913,863	1,324	710,313	28	11,796	26
40,076,746	102,902,689	22,885,565	143,139	76,417,364	17,372	16,052,111	1,564	721,824	27
1,197,883	1,845,481	296,684	2,606	1,948,213	291	281,702	19	14,098	28
8,281,782	17,153,350	5,395,242	23,876	12,984,571	3,184	2,595,196	242	117,897	29
296,977	516,759	53,869	620	445,503	54	64,721	8	4,247	30
21,933,519	38,164,226	4,363,192	63,361	24,248,054	2,798	2,127,654	452	193,116	31
61,807,973	122,162,279	18,458,052	187,398	96,778,736	12,639	13,419,362	981	415,256	32
471,948	248,188	76,638	944	532,727	91	61,425	4	941	33
276,350,446	597,407,229	122,042,210	856,084	466,846,642	87,936	91,343,801	10,682	6,122,282	34
11,576,508	12,506,223	3,329,101	36,214	7,830,536	2,512	1,250,705	77	27,710	35
943,450	1,251,423	236,969	1,847	1,002,881	329	237,181	19	6,563	36
86,292,120	220,169,022	45,062,325	331,548	158,768,883	33,852	28,311,557	4,714	2,009,527	37
51,114	22,583	21,970	195	71,918	48	19,592	.....	.....	38
7,337,083	12,256,754	2,108,668	18,798	11,535,229	1,956	1,916,929	82	58,566	39
258,504,628	485,765,920	74,841,458	620,562	305,591,003	46,724	40,797,099	3,445	1,418,689	40
39,738,605	58,469,909	8,825,407	85,976	37,927,921	4,099	4,351,338	766	337,270	41
9,644,578	11,058,527	1,792,386	24,662	6,590,983	1,731	1,055,202	183	61,042	42
1,329,623	1,043,776	268,214	2,422	1,098,418	401	262,060	10	3,665	43
16,190,443	21,579,402	4,126,271	42,759	16,899,351	5,026	3,240,854	246	101,317	44
15,765,884	16,463,574	3,594,940	39,475	18,586,338	4,418	3,285,112	263	152,731	45
1,483,059	2,979,977	455,968	4,980	2,715,805	576	504,635	55	19,905	46
8,223,289	15,937,969	2,188,826	24,894	10,096,549	2,629	1,605,435	146	63,561	47
18,348,110	28,494,406	7,421,087	59,591	19,644,850	5,684	3,711,100	341	116,820	48
8,766,916	12,826,341	2,180,557	20,366	12,658,614	1,642	1,619,584	47	27,136	49
8,710,179	11,653,510	1,960,929	21,969	8,330,997	2,475	1,357,804	154	61,614	50
43,228,127	121,059,886	18,602,764	132,031	51,843,708	10,949	8,448,995	1,076	436,446	51
455,748	599,346	94,073	1,144	878,646	104	86,489	18	10,988	52

TABLE 3.—MANUFACTURES, BY STATES

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—cont'd.			
		Operatives, skilled and unskilled.			
		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.
1	The United States	2,881,795	$1,436,482,387	505,712	$139,329,719
2	Alabama	25,816	9,347,285	1,649	385,534
3	Alaska	78	18,625		
4	Arizona	436	293,809	9	4,435
5	Arkansas	12,725	4,343,675	382	87,800
6	California	50,569	32,913,974	6,968	2,130,192
7	Colorado	12,899	8,835,749	1,114	470,557
8	Connecticut	83,895	45,553,505	23,095	6,753,854
9	Delaware	14,586	7,071,775	2,009	392,496
10	District of Columbia	15,860	9,732,366	2,599	1,092,106
11	Florida	8,512	3,669,122	715	217,358
12	Georgia	40,903	12,335,399	4,831	1,066,618
13	Idaho	614	246,292	21	3,835
14	Illinois	213,795	116,890,314	23,689	6,928,495
15	Indiana	82,650	34,068,840	6,847	1,429,496
16	Indian territory	146	67,114	3	784
17	Iowa	41,418	17,830,055	3,396	734,687
18	Kansas	23,022	11,771,341	1,541	323,763
19	Kentucky	39,150	16,213,096	5,425	1,243,275
20	Louisiana	15,998	6,941,220	2,836	601,893
21	Maine	40,714	15,483,715	11,923	3,169,104
22	Maryland	52,404	23,547,944	14,564	3,223,922
23	Massachusetts	250,871	135,516,487	88,382	26,419,831
24	Michigan	118,303	46,062,636	8,369	1,796,396
25	Minnesota	59,610	26,517,634	4,176	1,187,726
26	Mississippi	11,679	3,717,054	829	197,458
27	Missouri	90,867	48,315,313	11,750	3,125,824
28	Montana	2,105	1,432,779	62	35,044
29	Nebraska	17,434	9,420,237	1,230	332,654
30	Nevada	411	328,854	14	2,826
31	New Hampshire	32,762	13,632,029	16,326	4,774,664
32	New Jersey	106,439	58,916,453	23,082	6,313,108
33	New Mexico	793	448,306	9	3,230
34	New York	453,552	263,858,516	107,857	32,358,000
35	North Carolina	21,252	4,904,628	5,174	745,701
36	North Dakota	1,331	688,515	83	22,155
37	Ohio	209,451	102,397,767	24,943	5,749,750
38	Oklahoma	132	50,260	3	620
39	Oregon	14,694	8,856,556	649	234,946
40	Pennsylvania	403,655	206,336,642	53,779	14,671,506
41	Rhode Island	46,655	23,248,561	20,940	5,999,522
42	South Carolina	15,901	4,299,473	3,476	668,438
43	South Dakota	1,769	759,556	123	31,366
44	Tennessee	30,549	11,827,698	2,631	538,573
45	Texas	29,980	13,694,788	1,606	438,164
46	Utah	3,363	1,871,258	417	113,368
47	Vermont	17,795	7,139,565	2,145	626,679
48	Virginia	34,983	12,199,488	5,947	864,602
49	Washington	17,181	10,307,160	455	176,732
50	West Virginia	14,963	5,611,054	912	167,964
51	Wisconsin	96,224	36,341,738	6,670	1,456,403
52	Wyoming	901	726,217	57	16,265

AND TERRITORIES: 1890—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.								Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Operatives, skilled and unskilled—Continued.		Pieceworkers.								
Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
104,522	$14,704,891	445,247	$222,752,096	297,974	$76,038,257	16,363	$1,920,971	$5,162,044,076	$9,372,437,283	1
1,344	143,015	2,032	883,756	215	31,076	81	9,081	28,432,281	51,220,605	2
								30,198	58,440	3
9	782	4	3,120					353,814	947,547	4
353	39,531	552	171,885	81	4,583	50	1,712	12,397,261	22,659,179	5
1,513	261,478	8,496	4,674,798	4,806	1,158,850	344	33,620	120,243,683	213,403,996	6
272	50,861	622	473,532	109	41,706			20,848,516	42,480,205	7
2,759	477,627	17,423	9,669,768	13,016	3,944,039	326	66,524	123,183,080	248,336,364	8
1,094	138,239	1,633	931,074	881	83,848	276	13,043	21,161,752	37,571,848	9
128	22,050	1,254	992,426	560	424,134	5	1,060	17,194,666	39,331,437	10
189	21,608	3,027	1,893,862	597	207,197	79	9,467	8,021,854	18,222,890	11
3,177	315,547	1,876	640,892	1,167	232,188	344	33,352	35,774,480	68,917,020	12
17	1,810	15	3,970					638,673	1,396,096	13
4,973	720,182	28,087	15,706,156	9,221	2,503,656	453	64,462	529,019,089	908,640,280	14
2,968	375,257	12,310	5,661,209	5,468	1,008,791	347	33,665	130,119,106	226,825,082	15
7	574	11	4,750					127,864	248,932	16
1,426	178,638	2,792	1,402,600	1,787	265,119	218	18,521	79,292,407	125,049,183	17
603	70,776	1,824	956,614	969	160,758	278	4,923	78,845,167	110,219,805	18
1,895	227,070	6,865	2,999,381	2,855	607,239	368	36,770	63,677,583	126,719,857	19
533	59,523	4,969	1,927,637	3,962	581,336	79	10,950	33,282,724	57,806,713	20
1,248	166,774	6,167	2,343,558	9,128	1,721,956	1,194	77,475	51,520,589	95,689,500	21
3,397	332,789	14,857	5,501,876	11,868	1,785,626	718	49,257	92,059,390	171,842,593	22
7,757	1,323,199	54,280	28,210,055	45,070	14,227,649	910	147,116	473,199,434	888,160,403	23
2,326	292,169	14,873	5,870,016	4,488	924,057	315	37,632	154,521,918	277,896,706	24
653	92,223	3,912	2,171,874	1,332	395,717	107	5,949	118,481,941	192,033,478	25
683	68,834	641	121,196	407	64,068	226	23,144	10,064,897	18,705,834	26
3,168	486,971	11,551	6,212,631	6,544	1,477,304	323	25,386	177,582,382	324,561,993	27
11	2,608	195	173,217	13	8,765			2,375,093	5,507,573	28
611	84,086	829	387,394	243	44,306	103	2,801	67,334,532	93,037,794	29
1	120	132	44,735					439,658	1,105,063	30
1,387	212,720	4,747	2,074,694	4,607	1,198,685	282	34,498	47,754,152	85,770,549	31
4,771	710,260	24,931	13,416,872	14,013	3,502,100	542	85,325	189,365,740	354,573,571	32
15	2,322	25	12,799	7	3,704			691,420	1,516,195	33
10,470	1,621,250	91,901	48,920,785	86,493	23,348,915	1,793	293,093	871,264,085	1,711,577,671	34
3,755	322,426	1,413	355,794	1,053	163,156	978	60,416	22,789,187	40,375,450	35
16	2,758	67	44,664	2	1,040			3,087,161	5,028,107	36
5,406	836,088	35,449	15,761,149	16,588	3,536,747	1,145	166,298	341,016,464	641,688,064	37
11	1,046	1	400					56,518	180,445	38
197	31,840	1,060	376,052	157	59,550	3	790	21,793,578	41,432,174	39
19,582	2,984,792	57,284	30,277,371	33,256	8,686,445	2,837	418,459	773,734,637	1,331,794,901	40
5,625	894,645	3,029	1,666,628	4,662	1,398,457	200	31,500	76,253,023	142,500,625	41
2,264	217,274	763	216,964	299	68,258	45	4,332	18,873,666	31,926,681	42
35	3,544	77	36,120	6	1,978	1	129	3,523,840	5,682,748	43
1,333	150,353	2,095	875,364	642	140,495	237	24,695	40,463,782	72,355,286	44
890	116,836	1,865	829,558	371	64,127	82	5,022	36,152,308	70,433,551	45
185	25,581	294	170,056	68	9,749	22	1,253	4,252,030	8,911,047	46
343	52,152	1,190	447,570	600	157,477	46	4,170	20,433,174	38,340,066	47
2,498	226,202	5,681	1,819,592	3,708	653,807	749	53,239	50,148,285	88,363,824	48
129	22,761	883	495,336	28	9,830	1	75	19,917,057	41,768,022	49
763	102,167	2,111	935,743	543	88,219	48	6,632	23,729,089	38,702,125	50
1,727	212,549	9,096	3,942,338	6,081	979,610	208	25,129	145,437,016	248,546,164	51
5	982	56	41,765	3	1,940			1,084,432	2,367,601	52

TABLE 4.

MANUFACTURES, BY SPECIFIED INDUSTRIES: 1890.

TABLE 4.—MANUFACTURES, BY

"Live assets" include raw materials, stock in process, and finished products on hand; cash, and bills and accounts receivable. "Miscellaneous expenses" include in the business, and all sundries not elsewhere reported. "Cost of materials

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.			
			Aggregate.	Plant.		
				Total.	Land.	Buildings.
1	All industries	355,415	$6,525,156,486	$3,238,433,976	$775,586,849	$878,570,737
2	Agricultural implements. (See Table 8.)	910	145,313,997	31,811,412	6,246,748	13,671,576
3	Ammunition	35	4,368,529	2,398,483	453,045	1,046,593
4	Artificial feathers and flowers. (See also Millinery and lace goods.)	251	3,081,828	391,734	105,900	60,000
5	Artificial limbs. (See also Surgical appliances.)	59	186,896	84,385	13,110	8,150
6	Artists' materials	39	361,460	119,095	27,125	27,510
7	Awnings, tents, and sails	581	3,063,009	422,538	93,560	78,400
8	Axle grease	31	451,228	195,217	71,000	63,600
9	Babbitt metal and solder	36	954,654	256,475	101,550	88,350
10	Bagging, flax, hemp, and jute	16	3,332,102	1,964,200	202,800	462,400
11	Bags, other than paper	64	6,015,685	1,740,190	264,700	455,400
12	Bags, paper	56	2,321,797	879,460	71,239	112,850
13	Baking and yeast powders	150	3,587,919	976,593	257,170	319,575
14	Baskets and rattan and willow ware. (See also Whalebone and rattan.)	403	2,702,713	852,325	168,243	340,875
15	Bellows	17	146,044	43,775	8,550	12,900
16	Belts. (See also Foundry and machine shop products.)	22	590,420	230,880	70,360	72,800
17	Belting and hose, leather	93	4,973,420	1,088,371	255,700	299,800
18	Belting and hose, linen	9	795,909	430,530	66,000	107,600
19	Belting and hose, rubber	17	5,270,068	1,935,943	487,070	492,091
20	Bicycle and tricycle repairing	83	172,070	78,808	6,400	7,300
21	Bicycles and tricycles	27	2,058,072	926,421	22,650	339,371
22	Billiard tables and materials	57	1,456,624	380,070	97,000	91,000
23	Blacking. (See also Cleansing and polishing preparations.)	71	1,403,087	431,396	57,765	79,725
24	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	28,000	34,500,139	20,524,743	7,282,284	7,588,296
25	Bluing	53	184,472	52,847	11,520	12,220
26	Bone, ivory, and lamp black. (See also Paints.)	24	1,627,651	1,216,408	618,900	306,333
27	Bookbinding and blank-book making. (See also Printing and publishing.)	805	10,062,034	4,321,702	215,245	258,438
28	Boot and shoe cut stock	344	5,401,834	787,354	104,595	189,325
29	Boot and shoe findings	138	1,793,123	627,562	97,215	124,365
30	Boot and shoe uppers	317	1,216,026	334,097	83,700	90,240
31	Boots and shoes, custom work and repairing	20,803	14,230,081	8,296,361	2,886,383	3,233,353
32	Boots and shoes, factory product. (See Table 8.)	2,082	95,282,311	21,527,403	2,100,160	5,463,879
33	Boots and shoes, rubber	11	17,790,970	3,515,202	463,615	1,664,992
34	Bottling. (See also Liquors, malt; Mineral and soda waters.)	716	5,656,705	3,195,945	940,077	906,819
35	Boxes, cigar	291	3,374,451	1,371,787	260,615	317,865
36	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	588	9,277,973	3,954,674	533,730	863,089
37	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	636	13,018,456	6,170,885	1,668,733	1,637,719
38	Brass	14	1,208,619	861,735	106,800	330,800
39	Brass and copper, rolled	16	8,041,593	3,423,815	510,000	1,380,815
40	Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	453	18,663,286	8,451,459	1,842,848	2,440,007
41	Brassware	113	10,866,001	4,153,067	626,250	1,255,465
42	Bread and other bakery products	10,484	45,758,489	30,283,790	9,480,559	11,555,107
43	Brick and tile. (See also Clay and pottery products, and special report on Clay products in Part III.)	5,828	82,578,566	53,629,375	21,031,133	14,601,046
44	Bridges	137	10,960,218	4,251,486	755,768	978,252
45	Bronze castings. (See also Brass castings and brass finishing.)	14	710,190	217,002	71,219	44,530
46	Brooms and brushes	1,235	7,743,832	2,269,507	575,470	853,450
47	Buttons	106	3,089,265	1,262,943	98,664	208,185
48	Calcium lights	15	73,402	51,818	5,000	2,000
49	Cardboard. (See also Paper.)	5	616,548	282,063	30,000	74,898
50	Card cutting and designing	26	89,584	41,107	3,050	2,200
51	Carpentering	16,917	81,542,845	22,347,004	7,986,520	6,940,728
52	Carpets and rugs, other than rag. (See also Woolen goods, and special report on Wool manufacture in Part III.)	173	38,208,842	17,375,384	2,884,139	5,559,458
53	Carpets, rag	854	975,381	611,805	217,288	283,145
54	Carpets, wood	6	333,000	210,850	75,000	57,000
55	Carriage and wagon materials	636	13,028,161	5,915,063	994,335	1,655,968
56	Carriages and sleds, children's	87	3,158,412	1,122,872	283,200	451,460
57	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting, and Table 8.)	8,614	104,210,602	39,732,196	13,443,756	17,386,952
58	Cars and general shop construction and repairs by steam railroad companies	716	76,192,477	54,733,171	10,860,668	25,399,382
59	Cars and general shop construction and repairs by street railroad companies	78	2,351,162	1,916,929	814,006	777,721
60	Cars, steam railroad, not including operations of railroad companies	71	43,641,210	19,316,079	3,811,086	7,878,189
61	Cars, street railroad, not including operations of railroad companies	17	2,468,315	988,956	489,500	280,700
62	Celluloid and celluloid goods	12	3,158,487	1,508,245	139,738	359,127
63	Cheese and butter, urban dairy product	160	607,590	449,880	145,692	150,149
64	Cheese, butter, and condensed milk, factory product. (See Table 8.)	4,552	16,016,573	11,639,692	968,333	5,588,257
65	Chemicals. (See also Fertilizers; Gunpowder; High explosives; Paints; Varnish, and special report on Chemicals and allied products in Part III.)	563	55,032,452	28,530,902	6,228,481	9,629,429
66	China, decorating. (See also Clay and pottery products.)	78	499,647	112,479	23,600	35,100
67	Chocolate and cocoa products	11	2,630,067	878,050	250,000	155,000
68	Cigar molds	7	210,083	117,332	30,000	36,175
69	Clay and pottery products. (See also Brick and tile, and special report on Clay products in Part III.)	707	26,127,104	15,606,955	8,976,737	6,709,940
70	Cleansing and polishing preparations. (See also Blacking.)	66	304,160	115,731	23,700	28,850
71	Clock cases and materials. (See also Watch and clock materials.)	4	43,863	24,399	8,000	3,133

SPECIFIED INDUSTRIES: 1890.

rent for tenancy; taxes (including internal revenue); insurance; repairs, ordinary, of buildings and machinery; amount paid contractors; interest paid on cash used nsed" also includes fuel, rent of power and heat, and mill supplies.]

CAPITAL—continued.		Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
Plant—Cent'd.	Live assets.		Aggregates.		Officers, firm members, and clerks.				
					Males above 16 years.		Females above 15 years.		
Machinery, tools, and implements.			Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$1,584,276,390	$3,286,722,510	$631,225,035	4,712,622	$2,283,216,629	418,081	$372,169,441	42,928	$19,818,767	1
11,893,088	113,502,585	11,129,548	42,544	21,811,761	3,529	3,615,117	188	89,550	2
898,845	1,970,046	292,856	2,267	1,110,482	104	137,121	5	3,410	3
225,834	2,690,094	320,446	6,835	2,681,185	405	518,265	73	37,014	4
63,125	102,511	40,170	250	189,370	84	85,472	4	1,460	5
64,460	242,365	45,400	306	165,341	58	59,789	6	3,356	6
250,578	2,640,471	325,853	3,872	2,208,235	720	619,038	17	7,468	7
60,617	256,011	50,158	194	135,109	68	73,467			8
66,575	698,179	49,866	261	188,229	86	102,680	2	1,266	9
1,299,000	1,367,902	122,272	3,149	905,213	42	56,831			10
1,020,090	4,275,495	346,889	3,769	1,462,011	225	253,414	18	7,140	11
695,371	1,442,337	216,584	1,382	580,092	172	174,610	10	5,768	12
399,848	2,611,326	705,991	1,867	1,001,130	396	415,575	30	11,314	13
343,207	1,850,388	250,471	3,732	1,269,135	414	258,559	15	6,555	14
22,325	102,269	13,655	101	62,483	20	16,224	1	520	15
87,690	359,540	36,658	430	237,227	53	41,520	5	1,927	16
532,871	3,885,049	268,278	1,621	1,114,754	270	330,309	9	3,830	17
256,930	365,379	46,332	292	153,366	18	29,322	1	520	18
955,882	3,334,125	282,543	1,945	1,043,768	100	154,464	10	6,284	19
65,108	93,262	24,067	306	161,683	91	58,792	3	750	20
564,400	1,131,651	242,018	1,925	1,105,728	123	121,148	5	2,566	21
192,070	1,076,554	142,431	1,157	870,480	138	164,560	2	720	22
293,906	971,691	264,715	1,039	561,644	101	223,092	16	7,320	23
5,654,163	13,975,396	2,510,586	50,867	26,796,927	24,307	13,287,010	21	10,179	24
29,107	131,625	21,736	232	104,194	71	54,305	6	2,256	25
291,175	411,243	84,872	385	216,288	62	64,247			26
3,848,019	5,740,332	1,214,297	13,815	6,903,951	1,273	1,357,705	69	37,763	27
493,434	4,614,480	411,472	5,503	2,323,271	474	417,730	37	14,510	28
406,042	1,165,561	163,865	2,283	771,937	195	172,459	7	3,405	29
160,157	881,929	125,707	1,708	898,336	335	278,867	20	10,145	30
2,176,625	5,933,720	2,786,701	35,448	16,750,729	18,375	9,293,624	92	34,728	31
13,873,364	73,754,908	9,217,519	139,333	66,375,076	5,074	5,456,387	569	251,544	32
1,386,595	14,275,768	943,918	9,264	3,966,875	111	143,554	19	10,248	33
1,349,049	2,460,760	728,173	3,929	2,271,355	870	749,909	15	9,768	34
793,307	2,002,654	337,496	5,537	2,134,383	397	322,363	15	9,354	35
2,557,855	5,323,299	941,498	19,954	6,869,900	938	1,014,113	67	28,688	36
2,864,433	6,847,571	1,011,900	13,922	6,477,125	894	856,724	22	10,694	37
424,135	346,881	53,046	819	436,569	39	35,334			38
1,533,000	4,617,778	321,793	2,801	1,577,778	98	194,600	5	2,800	39
4,168,514	10,211,827	1,222,989	11,903	6,922,489	941	1,155,169	19	8,987	40
2,271,352	6,712,934	844,475	7,518	4,057,058	340	490,435	21	9,554	41
9,248,124	15,474,699	6,388,722	52,762	28,789,047	11,614	8,845,428	2,307	823,360	42
17,997,196	28,949,191	5,108,769	109,151	32,695,189	4,921	2,966,263	54	19,569	43
2,517,466	6,708,732	652,947	8,921	5,681,364	533	728,161	6	2,070	44
101,244	493,188	68,001	311	253,835	39	57,936	1	364	45
840,587	5,474,325	611,554	10,984	4,317,026	1,394	1,002,998	34	14,635	46
956,094	1,826,322	256,846	4,036	1,673,876	193	256,759	12	6,028	47
44,818	21,584	6,696	97	49,570	17	15,418			48
177,165	334,485	38,281	223	139,782	17	35,010			49
35,857	48,477	9,789	214	106,583	34	30,035			50
7,419,756	69,195,841	10,945,617	140,021	94,524,197	16,989	15,132,583	80	36,585	51
8,931,787	20,833,458	1,819,441	29,121	11,633,116	379	508,026	6	2,831	52
111,372	363,576	78,132	1,764	650,119	654	297,546	128	42,085	53
78,850	122,150	41,781	328	155,396	18	18,048	1	416	54
3,264,700	7,113,098	821,743	10,928	5,208,427	901	830,419	31	11,775	55
388,212	2,035,540	248,126	2,936	1,330,955	194	169,634	16	6,416	56
8,901,488	64,478,406	6,022,972	73,453	40,198,522	9,017	7,453,142	177	80,079	57
18,473,121	21,459,306	95,054	108,585	61,797,675	1,914	1,568,759	39	15,483	58
325,202	434,233	78,761	2,034	1,434,377	25	23,172			59
7,626,804	24,325,131	1,725,113	32,062	16,836,531	688	749,136	20	10,566	60
218,756	1,479,359	140,462	1,833	1,174,790	48	83,520			61
1,009,380	1,650,242	482,016	1,023	619,461	82	171,421	2	920	62
154,039	157,710	61,228	552	274,709	156	96,537	14	4,916	63
5,083,102	4,376,881	813,954	14,369	6,116,005	2,107	856,009	43	11,142	64
12,672,992	26,501,550	4,413,170	16,952	9,691,843	1,794	2,316,021	120	67,411	65
53,779	387,168	47,879	467	254,524	81	66,346	33	25,558	66
473,050	1,752,017	232,891	963	596,604	68	139,229	2	1,328	67
51,157	92,751	8,302	142	67,396	18	17,300			68
4,920,269	10,520,149	2,003,007	20,296	10,138,143	1,268	1,247,513	48	21,598	69
63,181	188,429	40,801	390	176,949	88	74,429	1	260	70
13,266	19,464	2,308	32	20,588	3	3,250			71

TABLE 4.—MANUFACTURES, BY

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—cont'd.			
		Operatives, skilled and unskilled.			
		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.
1	All industries	2,881,795	$1,436,482,387	505,712	$139,329,719
2	Agricultural implements. (See Table 8.)	30,435	13,907,522	84	18,642
3	Ammunition	1,371	774,259	616	167,747
4	Artificial feathers and flowers. (See also Millinery and lace goods.)	642	318,906	2,949	934,474
5	Artificial limbs. (See also Surgical appliances.)	144	97,689	3	1,300
6	Artists' materials	124	66,842	21	7,724
7	Awnings, tents, and sails	1,894	1,242,534	958	269,954
8	Axle grease	113	58,752	9	2,090
9	Babbitt metal and solder	169	83,207	3	940
10	Bagging, flax, hemp, and jute	1,485	485,443	1,416	316,409
11	Bags, other than paper	1,015	524,045	1,168	311,972
12	Bags, paper	506	230,918	536	130,403
13	Baking and yeast powders	839	422,269	501	127,142
14	Baskets and rattan and willow ware. (See also Whalebone and rattan.)	1,273	529,342	261	57,654
15	Bellows	60	34,514		
16	Bells. (See also Foundry and machine shop products.)	297	147,817	14	4,113
17	Belting and hose, leather	1,281	767,023	26	8,243
18	Belting and hose, linen	101	73,992	168	49,026
19	Belting and hose, rubber	1,724	846,630	33	8,686
20	Bicycle and tricycle repairing	205	100,847		
21	Bicycles and tricycles	1,703	902,376	3	609
22	Billiard tables and materials	943	605,583	3	665
23	Blacking. (See also Cleansing and polishing preparations.)	335	192,791	174	51,188
24	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	25,634	13,265,567	11	3,807
25	Bluing	94	35,070	29	8,467
26	Bone, ivory, and lamp black. (See also Paints.)	253	120,211		
27	Bookbinding and blank-book making. (See also Printing and publishing.)	6,041	3,509,596	4,371	1,306,469
28	Boot and shoe cut stock	2,399	1,190,961	535	145,143
29	Boot and shoe findings	689	329,159	553	104,772
30	Boot and shoe uppers	618	346,965	341	119,120
31	Boots and shoes, custom work and repairing	10,473	4,742,583	269	81,641
32	Boots and shoes, factory product. (See Table 8.)	42,487	22,713,979	15,941	5,096,687
33	Boots and shoes, rubber	3,575	1,705,649	1,121	286,033
34	Bottling. (See also Liquors, malt; Mineral and soda waters.)	2,889	1,477,989	57	14,200
35	Boxes, cigar	2,489	1,085,436	938	256,976
36	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	4,288	2,131,251	5,716	1,436,593
37	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	10,238	4,780,116	415	102,834
38	Brass	765	386,460		
39	Brass and copper, rolled	2,114	1,158,597	86	23,925
40	Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	9,607	5,177,731	283	79,717
41	Brassware	4,230	2,463,037	842	236,385
42	Bread and other bakery products	33,068	17,675,667	4,190	1,074,431
43	Brick and tile. (See also Clay and pottery products, and special report on Clay products in Part III.)	93,614	27,471,360	152	21,616
44	Bridges	7,983	4,720,780		
45	Bronze castings. (See also Brass castings and brass finishing.)	253	186,227	3	760
46	Brooms and brushes	3,795	1,606,716	891	200,755
47	Buttons	1,107	633,463	1,434	401,123
48	Calcium lights	75	33,552		
49	Cardboard. (See also Paper.)	142	85,532	04	19,240
50	Card cutting and designing	127	62,993	28	8,744
51	Carpentering	120,735	78,237,286	37	7,961
52	Carpets and rugs, other than rag. (See also Woolen goods, and special report on Wool manufacture in Part III.)	11,619	5,550,234	19,745	3,445,426
53	Carpets, rag	494	182,793	125	26,362
54	Carpets, wood	305	135,032	4	1,900
55	Carriage and wagon materials	7,888	3,430,243	180	55,382
56	Carriages and sleds, children's	2,067	949,728	207	57,078
57	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting, and Table 8.)	55,328	28,391,197	478	135,501
58	Cars and general shop construction and repairs by steam railroad companies	100,209	56,276,276	125	38,250
59	Cars and general shop construction and repairs by street railroad companies	1,998	1,403,249		
60	Cars, steam railroad, not including operations of railroad companies	22,922	11,483,051	174	53,616
61	Cars, street railroad, not including operations of railroad companies	1,071	989,312	2	760
62	Celluloid and celluloid goods	552	309,211	118	28,055
63	Cheese and butter, urban dairy product	341	164,207	35	8,332
64	Cheese, butter, and condensed milk, factory product. (See Table 8.)	11,179	4,018,245	571	107,778
65	Chemicals. (See also Fertilizers; Gunpowder; High explosives; Paints; Varnish, and special report on Chemicals and allied products in Part III.)	11,475	6,243,321	2,308	625,889
66	China, decorating. (See also Clay and pottery products.)	186	105,515	131	38,616
67	Chocolate and cocoa products	544	353,171	343	101,976
68	Cigar molds	92	42,898	7	1,352
69	Clay and pottery products. (See also Brick and tile, and special report on Clay products in Part III.)	13,950	6,808,408	1,532	346,288
70	Cleansing and polishing preparations. (See also Blacking.)	204	80,403	83	19,858
71	Clock cases and materials. (See also Watch and clock materials.)	29	17,438		

SPECIFIED INDUSTRIES: 1890—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.								Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Operatives, skilled and unskilled—Continued.		Pieceworkers.								
Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
104,522	$14,704,891	445,247	$222,752,096	297,074	$76,038,257	16,363	$1,920,971	$5,162,044,076	$9,372,437,283	1
204	31,241	7,892	4,091,128	204	56,911	8	1,650	31,603,265	81,271,651	2
9	1,701	10	3,500	138	21,394	14	1,350	2,750,782	6,538,959	3
47	6,242	337	108,500	2,370	756,684	12	1,100	4,645,850	9,078,683	4
7	1,124	7	2,125	1	200			93,795	475,977	5
8	1,100	86	26,184	2	250	1	96	190,850	531,785	6
21	3,339	85	30,032	175	35,670	2	200	4,150,180	7,829,003	7
4	800							401,837	846,459	8
		1	136					2,385,894	2,905,102	9
133	20,378			73	26,152			2,520,995	3,852,440	10
55	9,998	392	148,415	690	174,961	206	32,966	12,657,270	16,355,365	11
11	1,896	30	7,651	117	28,846			3,167,717	5,023,793	12
21	2,984	34	10,936	42	9,910	4	1,000	4,273,796	7,406,806	13
166	18,322	1,082	322,300	396	65,481	125	10,922	1,398,483	3,633,592	14
5	1,545	15	9,680					124,145	249,374	15
3	750	58	41,100					389,701	823,010	16
20	2,716	5	1,133	10	1,500			6,132,704	8,633,634	17
4	506							427,865	777,942	18
8	1,664	10	5,560	58	20,080	2	400	3,479,538	5,512,840	19
5	794	2	500					67,332	301,709	20
35	6,746	44	69,163	12	3,120			718,848	2,568,326	21
1	233	70	98,719					1,295,942	2,823,278	22
60	9,517	74	24,344	183	52,522	6	870	1,484,203	2,900,402	23
189	28,868	698	200,840			7	656	14,645,096	54,304,639	24
15	2,132	13	3,015	4	949			186,588	457,251	25
6	1,300	49	28,830			15	1,700	485,867	1,031,030	26
235	38,455	443	258,065	1,381	401,601	2	306	6,007,417	17,067,780	27
67	11,497	753	271,428	1,203	265,021	35	6,981	13,744,655	17,903,845	28
48	7,875	301	79,857	469	72,112	21	2,298	1,965,173	3,459,328	29
22	3,649	109	50,663	263	88,927			1,902,926	3,346,002	30
110	16,600	5,979	2,536,686	136	42,930	14	1,937	10,403,383	34,856,651	31
1,858	272,532	48,919	24,191,995	23,908	8,296,924	577	95,028	118,785,831	220,649,358	32
84	15,284	1,551	818,560	2,803	987,547			11,650,787	18,632,060	33
82	14,605	15	4,809	1	75			7,937,001	13,583,418	34
201	28,997	282	115,691	1,195	312,370	20	3,194	3,567,320	7,091,948	35
352	52,787	1,279	366,485	7,150	1,813,309	164	26,674	7,893,941	18,805,330	36
742	118,701	1,602	506,911	532	98,569	77	8,576	14,244,503	25,513,180	37
		15	14,775					1,765,605	2,549,859	38
36	7,490	280	144,396	166	42,670	16	3,300	5,493,231	8,381,472	39
97	17,424	670	389,046	266	89,415	20	5,000	12,249,607	24,344,434	40
96	15,975	1,063	554,410	905	284,262	20	3,000	7,089,202	13,615,172	41
813	142,221	277	102,028	482	124,329	11	1,583	72,507,579	128,421,535	42
4,359	474,926	5,584	1,675,949	60	15,811	397	49,695	12,639,597	67,770,695	43
20	2,363	376	227,190			3	800	12,770,146	21,868,068	44
3	548	12	8,000					695,485	1,165,163	45
347	49,546	3,350	1,238,549	895	173,864	278	29,963	6,900,553	14,156,383	46
77	11,638	437	172,319	742	187,778	34	4,768	1,551,603	4,216,795	47
		5	600					35,048	110,062	48
								701,764	1,070,805	49
7	1,075	14	3,940	1	150	3	546	88,186	243,070	50
188	33,880	1,988	1,075,232	2	550	2	120	137,847,002	281,195,162	51
1,806	330,845	2,036	960,223	2,331	802,823	199	32,708	28,644,805	47,770,193	52
40	4,714	251	85,825	66	9,559	6	1,235	726,419	1,714,480	53
								210,814	511,700	54
206	36,446	1,644	827,314	56	13,830	22	3,018	7,387,904	16,262,293	55
52	7,243	324	127,604	73	12,909	3	343	1,900,907	4,094,255	56
506	89,281	7,742	3,995,176	149	45,362	56	8,784	49,889,173	114,551,907	57
56	12,852	6,239	3,885,057	3	998			66,561,526	129,461,698	58
1	240	10	7,716					1,151,840	2,966,347	59
196	34,950	7,982	4,483,137	80	22,075			44,674,486	70,083,737	60
6	1,560	106	99,618					1,699,235	3,302,115	61
2	520	135	72,596	132	36,738			856,180	2,575,736	62
1	208	5	500					1,545,273	2,050,338	63
89	10,715	250	84,217	119	27,648	11	251	49,819,301	60,635,705	64
118	21,430	436	201,763	687	213,824	14	2,184	33,694,927	59,352,548	65
6	972	20	12,317	10	5,200			364,778	847,555	66
6	900							2,892,219	4,221,675	67
15	2,516	4	2,040	6	1,290			70,060	211,000	68
405	59,982	2,452	1,471,156	491	152,554	150	30,644	5,618,401	22,057,090	69
8	1,049	3	400	3	550			382,120	865,904	70
								11,724	44,038	71

TABLE 4.—MANUFACTURES, BY

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.			
			Aggregate.	Plant.		
				Total.	Land.	Buildings.
72	Clocks	27	$5,727,202	$1,836,508	$240,562	$621,054
73	Cloth, sponging and refinishing	23	229,335	146,185	14,000	18,500
74	Clothing, horse	31	1,028,523	106,832	27,350	31,900
75	Clothing, men's, custom work and repairing	13,591	54,109,273	11,090,130	4,202,761	4,342,542
76	Clothing, men's, factory product	4,867	128,253,547	8,359,363	2,069,521	3,269,222
77	Clothing, men's, factory product, buttonholes	200	190,118	130,153	11,130	12,442
78	Clothing, women's, dressmaking	19,587	12,883,079	6,492,274	2,365,464	2,258,391
79	Clothing, women's, factory product	1,224	21,259,528	2,900,778	554,050	617,500
80	Coffee and spice, roasting and grinding	358	15,996,009	3,445,002	678,339	848,041
81	Coffins and burial cases, trimming and finishing	1,368	6,016,385	2,839,798	1,016,323	1,124,190
82	Coffins, burial cases, and undertakers' goods	194	11,097,736	4,019,471	1,200,706	1,640,590
83	Coke. (See special report on Coke in Part III.)	218	17,462,729	15,980,284	1,405,342	869,725
84	Collars and cuffs, paper	3	237,764	105,110	33,902	16,951
85	Combs	31	742,200	406,437	100,575	116,747
86	Confectionery	2,921	23,326,799	11,048,779	2,867,625	3,334,166
87	Cooperage	2,652	17,806,554	8,029,500	2,937,729	2,944,600
88	Cordage and twine	150	23,351,883	12,837,764	1,733,432	4,636,605
89	Cordials and sirups	40	783,567	176,615	39,150	32,650
90	Cork, cutting	65	1,869,360	637,608	127,700	275,200
91	Corsets	205	6,640,056	1,427,619	193,050	393,900
92	Cotton, cleaning and rehandling	13	116,210	44,550	17,000	16,575
93	Cotton, compressing	52	7,864,373	7,233,753	2,637,972	2,178,857
94	Cotton, ginning	1,637	3,221,987	3,048,957	288,384	696,400
95	Cotton goods. (See also Hosiery and knit goods, and special report on Cotton manufacture in Part III.)	905	354,020,843	230,993,567	23,225,697	69,742,664
96	Cotton ties	3	22,475	19,135	6,000	7,000
97	Cotton waste	31	711,956	308,064	67,525	141,271
98	Cruoibles	10	908,152	460,467	210,500	130,038
99	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	474	12,082,638	5,876,717	1,336,564	2,033,435
100	Dentistry, mechanical	3,214	4,019,637	2,443,548	453,523	438,849
101	Dentists' materials	24	2,908,113	823,415	83,050	389,050
102	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	1,805	4,024,814	1,809,605	578,317	693,319
103	Drug grinding	13	337,885	126,115	30,500	19,000
104	Dyeing and cleaning	976	3,041,178	2,261,355	710,525	647,295
105	Dyeing and finishing textiles. (See special report on Dyeing and finishing textiles in Part III.)	248	38,450,800	19,879,039	2,579,114	7,596,641
106	Dye stuffs and extracts. (See special report on Chemicals and allied products in Part III.)	62	8,645,458	4,360,903	938,800	1,731,929
107	Electrical apparatus and supplies	189	18,997,337	6,170,507	714,542	1,496,293
108	Electric light and power. (a) (See special report on Electrical industries in Part III.)	144	33,838,549	19,167,012	1,743,017	2,106,418
109	Electroplating	313	2,051,134	838,173	155,760	129,420
110	Emery wheels	17	823,059	232,902	26,000	53,374
111	Enameled goods	19	350,798	143,472	6,000	9,000
112	Enameling	27	71,917	33,387	5,000	3,800
113	Engravers' materials	16	130,920	49,460	1,500	3,500
114	Engraving and diesinking	382	794,554	424,854	22,050	41,050
115	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	134	2,924,125	1,250,133	8,200	332,000
116	Engraving, wood	285	480,990	149,758	3,000	4,009
117	Envelopes	41	3,218,406	1,342,077	96,000	203,500
118	Fancy articles, not elsewhere specified	377	2,386,317	857,441	130,850	173,490
119	Felt goods. (See also Woolen goods, and special report on Wool manufacture in Part III.)	34	4,460,621	1,865,984	276,780	714,453
120	Fertilizers. (See also Chemicals, and special report on Chemicals and allied products in Part III.)	390	40,594,168	13,197,623	2,870,499	5,787,740
121	Files. (See also Cutlery and edge tools.)	140	2,991,988	1,776,199	265,970	486,804
122	Firearms	34	4,672,424	2,755,496	418,900	630,350
123	Fire extinguishers, chemical	9	405,733	48,530	4,500	16,000
124	Fireworks	22	507,206	214,435	73,900	93,675
125	Fish, canning and preserving. (See also Food preparations.)	110	3,186,975	1,421,730	466,970	457,340
126	Flags and banners. (See also Regalia and society banners and emblems.)	29	376,130	153,945	73,800	42,950
127	Flavoring extracts	148	1,361,800	225,650	42,640	41,660
128	Flax, dressed	6	1,361,635	867,810	201,010	204,200
129	Flouring and grist mill products. (See Table 8.)	18,470	208,473,500	136,539,851	23,776,931	41,730,612
130	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving; Oysters, canning and preserving.)	302	6,715,535	3,040,819	662,661	999,885
131	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	6,475	382,798,337	187,048,990	41,014,439	51,032,859
132	Foundry supplies	21	679,817	353,105	111,900	104,000
133	Fruit jar trimmings	5	1,025,697	596,384	200,000	200,500
134	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	886	15,315,185	6,205,843	1,338,584	2,387,232
135	Fur goods. (See also Hats and caps, not including wool hats.)	484	11,115,840	1,089,777	220,310	546,500
136	Furnishing goods, men's. (See also Shirts.)	586	12,299,011	1,619,759	231,949	357,211
137	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	4,054	12,861,208	4,775,372	1,602,213	1,820,413
138	Furniture, chairs	340	14,387,075	4,592,771	992,312	1,907,254
139	Furniture, factory product	1,579	66,393,864	24,595,393	6,293,354	9,438,445
140	Furs, dressed	26	266,921	152,025	40,950	44,600
141	Galvanizing	27	1,301,973	464,593	144,300	128,900

a The statistics of this industry are confined to the state of New York, the District of Columbia, and the city of St. Louis, Mo.

SPECIFIED INDUSTRIES: 1890—Continued.

CAPITAL—continued.		Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
Plant—Cont'd.			Aggregates.		Officers, firm members, and clerks.				
					Males above 16 years.		Females above 15 years.		
Machinery, tools, and implements.	Live assets.		Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$974,892	$3,890,694	$272,984	3,585	$1,935,525	86	$123,908	8	$3,592	72
113,685	83,150	40,493	396	244,302	39	42,788	3	884	73
47,582	921,691	57,894	952	313,305	66	71,538	5	2,693	74
2,544,827	43,019,143	7,913,423	86,143	48,551,103	14,538	12,128,714	426	176,734	75
3,020,620	119,894,184	20,460,045	156,341	62,311,644	10,558	10,850,469	857	385,338	76
106,581	59,965	45,956	1,373	526,925	187	123,726	21	10,377	77
1,868,419	6,390,805	3,177,570	67,598	22,373,636	709	581,296	18,276	8,646,606	78
1,729,228	18,358,750	3,620,042	42,008	18,812,787	2,459	3,146,543	400	237,972	79
1,918,622	13,551,067	1,229,926	5,122	3,263,019	1,314	1,428,357	42	19,028	80
699,285	3,176,587	443,832	3,234	1,999,153	1,378	1,036,474	30	16,238	81
1,178,175	7,078,265	822,312	6,424	3,555,256	647	698,516	26	14,296	82
13,705,217	1,482,445	394,784	9,159	4,186,264	160	113,332	1	300	83
54,257	132,654	7,627	91	48,637	8	12,992	1	520	84
189,115	335,763	61,133	807	433,036	65	68,321			85
4,846,988	12,278,020	3,302,708	27,211	11,633,448	4,226	3,409,377	1,261	441,064	86
2,087,171	9,777,054	1,269,618	24,652	11,665,366	2,083	1,600,488	14	8,629	87
6,467,727	10,514,119	1,020,697	12,799	4,536,871	404	555,255	10	5,384	88
104,815	606,952	121,207	387	232,988	99	118,494	7	3,380	89
234,708	1,231,752	119,710	2,138	762,518	118	125,337	1	312	90
840,669	5,212,437	908,510	11,370	4,062,815	279	455,701	163	98,075	91
10,975	71,660	12,026	210	54,068	13	9,620	1	1,200	92
2,416,924	630,620	324,469	3,000	1,228,619	215	187,811			93
2,064,173	173,030	176,004	7,660	781,798	739	130,838	1	75	94
138,025,806	123,027,276	16,716,524	221,585	69,489,272	2,627	3,427,362	82	37,372	95
6,135	3,340	1,004	18	3,150	3	850			96
99,268	403,892	55,700	329	154,257	48	49,896	2	1,320	97
119,929	447,685	77,354	254	149,210	24	38,960			98
2,506,718	6,205,921	790,045	9,487	4,918,152	764	711,073	15	6,146	99
1,551,176	1,576,089	870,592	4,737	3,481,189	3,216	2,697,709	35	15,079	100
351,315	2,084,698	406,125	1,214	867,626	200	323,726	3	1,252	101
537,969	2,815,209	663,883	3,940	1,938,700	1,882	1,090,483	27	8,531	102
76,615	211,770	37,213	173	103,594	25	28,883			103
903,535	779,823	525,052	5,189	2,537,556	933	705,880	265	114,289	104
9,703,284	18,571,761	3,131,081	20,267	9,717,011	636	791,908	30	13,383	105
1,690,174	4,284,555	380,030	2,302	1,289,987	186	249,782	5	2,554	106
3,959,672	12,826,830	1,154,462	9,485	5,366,188	640	826,986	43	22,152	107
15,317,577	14,671,537	755,201	2,004	1,556,623	205	268,325	5	3,056	108
602,993	1,162,961	182,826	2,162	1,260,475	388	364,115	9	4,608	109
153,528	590,157	81,148	292	182,600	44	46,008	3	1,236	110
128,472	207,326	23,856	391	191,925	37	42,378			111
24,587	38,530	15,751	187	104,672	33	30,086			112
44,460	90,460	13,959	161	97,339	20	19,889	2	1,000	113
361,754	369,700	150,239	1,635	1,169,073	459	467,294	8	5,128	114
909,933	1,673,992	155,902	2,560	1,881,583	219	273,232	45	31,946	115
142,758	331,232	106,791	1,286	956,366	334	353,372	7	2,541	116
1,043,177	1,875,789	346,129	2,501	1,058,550	164	239,801	12	6,205	117
553,101	1,528,876	276,390	3,954	1,679,818	351	343,715	207	101,121	118
874,751	2,594,637	232,871	2,266	1,041,296	120	156,486	4	1,430	119
4,539,384	27,396,545	2,790,082	10,158	4,671,831	1,122	1,249,584	10	4,377	120
1,023,425	1,215,789	130,310	2,666	1,445,941	222	224,439	9	3,926	121
1,706,246	1,916,928	202,656	2,759	1,700,205	95	120,078	4	4,196	122
28,030	357,203	18,859	82	57,878	25	31,684	1	600	123
46,860	292,831	25,483	557	213,103	37	46,705	2	1,100	124
487,420	1,765,245	280,660	5,202	1,248,396	177	117,823	5	2,430	125
37,195	222,185	20,098	364	142,625	41	44,936	2	1,600	126
141,350	1,136,150	153,406	769	441,786	237	222,294	25	10,777	127
462,660	493,825	45,567	517	227,123	19	28,100	1	300	128
71,032,308	71,933,649	13,162,037	63,481	27,035,742	15,912	8,824,109	166	73,231	129
1,378,273	3,674,716	881,628	4,152	1,816,835	632	580,123	42	13,799	130
95,001,692	195,749,347	24,637,980	247,754	148,389,063	16,071	18,923,521	531	262,493	131
137,205	326,712	53,282	212	152,773	49	61,140			132
195,884	429,313	33,689	552	166,735	19	36,659			133
2,489,027	9,109,342	1,289,681	50,881	5,243,707	1,048	581,034	71	11,356	134
322,967	10,026,063	864,506	8,075	4,749,191	1,003	1,206,644	125	65,399	135
1,030,599	10,679,252	2,330,360	22,211	7,589,349	1,337	1,470,513	96	40,810	136
1,352,746	8,085,836	1,406,085	14,721	8,584,097	3,920	2,803,646	83	32,864	137
1,693,205	9,794,304	1,159,910	13,837	5,737,810	727	693,555	41	18,796	138
8,863,594	41,798,471	5,369,929	63,946	34,470,845	4,007	4,362,439	139	64,886	139
66,475	114,896	13,294	437	287,508	37	48,618			140
191,393	837,380	99,192	846	473,111	83	110,233	2	1,000	141

TABLE 4.—MANUFACTURES, BY

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—cont'd.			
		Operatives, skilled and unskilled.			
		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.
72	Clocks	1,809	$1,048,449	322	$107,189
73	Cloth, sponging and refinishing	348	199,066	4	1,200
74	Clothing, horse	184	63,406	150	47,804
75	Clothing, men's, custom work and repairing	22,343	13,903,830	9,106	2,641,031
76	Clothing, men's, factory product	34,422	19,069,096	24,120	6,725,114
77	Clothing, men's, factory product, buttonholes	307	139,174	412	111,141
78	Clothing, women's, dressmaking	768	477,725	45,238	11,985,221
79	Clothing, women's, factory product	7,361	4,568,764	13,788	4,819,012
80	Coffee and spice, roasting and grinding	2,614	1,490,026	553	149,959
81	Coffins and burial cases, trimming and finishing	1,668	902,818	31	8,528
82	Coffins, burial cases, and undertakers' goods	4,242	2,241,967	583	194,194
83	Coke. (See special report on Coke in Part III.)	4,448	1,901,456		
84	Collars and cuffs, paper	53	28,039	14	3,134
85	Combs	563	306,710	116	35,665
86	Confectionery	11,194	5,330,904	7,704	1,771,681
87	Cooperage	12,942	5,848,626	3	650
88	Cordage and twine	6,201	2,475,127	4,410	1,124,499
89	Cordials and sirups	196	89,994	58	14,716
90	Cork, cutting	823	381,631	884	194,921
91	Corsets	806	510,039	3,319	1,104,991
92	Cotton, cleaning and rehandling	88	24,058	99	18,560
93	Cotton, compressing	1,883	517,743		
94	Cotton, ginning	6,579	631,256	90	5,180
95	Cotton goods. (See also Hosiery and knit goods, and special report on Cotton manufacture in Part III.)	85,840	32,695,795	95,821	26,038,979
96	Cotton ties	3	1,200		
97	Cotton waste	197	86,543	76	15,568
98	Crucibles	199	94,410	6	600
99	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	4,919	2,580,483	198	51,050
100	Dentistry, mechanical	1,164	665,484	191	69,724
101	Dentists' materials	766	473,448	179	54,940
102	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	1,753	777,287	204	51,860
103	Drug grinding	132	70,661	13	3,268
104	Dyeing and cleaning	2,091	1,133,324	1,380	396,794
105	Dyeing and finishing textiles. (See special report on Dyeing and finishing textiles in Part III.)	16,297	8,053,091	2,151	574,973
106	Dye stuffs and extracts. (See special report on Chemicals and allied products in Part III.)	2,073	1,028,704	4	936
107	Electrical apparatus and supplies	6,221	3,469,140	970	243,039
108	Electric light and power. (See special report on Electrical industries in Part III.)	1,791	1,284,502	1	240
109	Electroplating	1,529	802,578	87	28,152
110	Emery wheels	241	134,420	2	416
111	Enameled goods	232	116,294	92	27,253
112	Enameling	129	67,126	23	7,044
113	Engravers' materials	137	76,045	1	280
114	Engraving and diesinking	1,013	617,105	39	9,540
115	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	1,013	750,895	870	367,437
116	Engraving, wood	797	533,409	7	2,680
117	Envelopes	569	327,454	939	273,854
118	Fancy articles, not elsewhere specified	1,178	634,278	1,563	430,825
119	Felt goods. (See also Woolen goods, and special report on Wool manufacture in Part III.)	1,356	652,059	346	91,634
120	Fertilizers. (See also Chemicals, and special report on Chemicals and allied products in Part III.)	8,838	3,376,671	88	25,914
121	Files. (See also Cutlery and edge tools.)	1,428	751,731	47	17,113
122	Firearms	2,277	1,376,575	12	3,816
123	Fire extinguishers, chemical	55	25,279	1	315
124	Fireworks	281	111,407	185	46,689
125	Fish, canning and preserving. (See also Food preparations.)	1,904	541,678	335	49,451
126	Flags and banners. (See also Regalia and society banners and emblems.)	101	45,241	97	35,178
127	Flavoring extracts	333	166,625	144	32,879
128	Flax, dressed	217	114,624	255	82,020
129	Flouring and grist mill products. (See Table 8.)	45,892	17,755,268	215	50,665
130	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving; Oysters, canning and preserving.)	2,154	927,748	966	203,501
131	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	205,530	115,265,032	1,040	290,248
132	Foundry supplies	163	91,633		
133	Fruit jar trimmings	83	28,592	55	4,914
134	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	14,817	2,091,306	12,886	1,193,000
135	Fur goods. (See also Hats and caps, not including wool hats.)	2,598	1,805,562	3,418	1,193,541
136	Furnishing goods, men's. (See also Shirts.)	2,006	1,174,144	5,632	1,812,464
137	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	8,959	5,096,006	709	243,931
138	Furniture, chairs	7,823	3,443,760	649	133,700
139	Furniture, factory product	49,688	25,549,492	955	328,435
140	Furs, dressed	224	129,215	3	700
141	Galvanizing	733	349,228	4	880

SPECIFIED INDUSTRIES: 1890—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.								Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Operatives, skilled and unskilled—Continued.		Pieceworkers.								
Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
25	$4,567	1,133	$586,723	188	$57,685	14	$3,412	$1,457,778	$4,228,846	72
2	364							34,132	399,814	73
62	9,207	81	25,365	373	89,872	31	3,420	777,570	1,572,265	74
452	71,115	28,511	16,697,405	10,673	2,916,214	94	22,060	50,494,637	120,219,151	75
486	69,059	33,364	14,223,197	51,501	10,909,744	1,033	79,627	128,846,857	251,019,609	76
16	2,349	165	62,599	265	77,559			84,167	784,055	77
360	42,833	288	138,713	1,926	497,141	33	4,101	23,393,829	57,071,732	78
213	31,898	5,602	2,818,191	12,125	3,175,191	60	15,216	34,277,219	68,164,019	79
74	12,949	137	48,767	388	113,933			65,961,465	75,042,010	80
4	670	110	32,111	11	2,171	2	143	3,656,859	7,783,140	81
74	14,500	564	304,174	275	85,246	13	2,363	5,547,082	12,230,554	82
32	4,564	4,494	2,162,662			24	3,950	11,509,737	16,498,345	83
				15	3,952			223,077	301,093	84
16	3,016	39	17,995	7	1,134	1	195	344,120	1,020,835	85
550	78,328	688	290,849	1,550	306,959	38	4,286	31,116,629	55,997,101	86
301	52,390	9,089	4,120,129	191	30,574	29	3,880	20,636,911	38,617,956	87
901	137,882	211	72,858	600	155,566	62	10,300	24,051,666	33,312,559	88
21	3,994	6	2,410					1,231,141	1,903,200	89
293	54,053	19	6,264					1,501,902	2,840,359	90
59	9,212	925	336,752	5,774	1,542,605	45	5,440	5,662,140	12,401,575	91
8	400			1	230			415,005	525,595	92
7	330	895	522,735					254,309	2,624,027	93
102	4,105	142	9,033	3	86	4	325	542,481	2,367,450	94
22,500	2,920,517	2,997	1,101,722	10,786	3,126,107	932	141,418	154,912,979	267,981,724	95
2	300	10	800					5,980	11,950	96
5	780	1	150					1,592,041	1,906,622	97
6	300	19	14,940					396,296	726,708	98
108	16,960	3,429	1,539,610	50	12,430	4	400	3,465,124	11,110,614	99
56	9,164	71	32,607	4	422			1,475,255	7,864,299	100
51	7,450	6	3,770	9	3,046			993,855	2,594,888	101
49	7,359	20	2,150	5	1,030			2,411,851	6,659,797	102
1	182			2	600			192,321	436,766	103
60	10,811	222	110,674	238	65,784			1,103,556	5,267,819	104
793	143,486	213	94,753	147	45,417			12,385,220	28,900,560	105
8	786	26	7,225					6,500,928	9,292,514	106
44	7,543	1,068	613,707	499	183,621			8,819,498	19,114,714	107
2	500							1,155,789	4,783,224	108
68	13,794	73	43,750	8	3,478			1,048,057	3,121,642	109
2	520							186,579	726,425	110
20	3,000	10	3,000					118,659	444,942	111
2	416							52,999	181,942	112
1	125							61,985	203,764	113
24	3,354	92	66,652					434,506	2,187,157	114
29	5,085	371	447,978	13	5,016			742,765	3,347,804	115
33	4,339	107	59,245	1	780			157,656	1,555,418	116
20	4,620	29	6,118	768	200,498			2,530,793	4,855,680	117
59	9,463	149	59,229	432	98,823	15	2,364	1,844,556	4,810,450	118
123	19,410	118	69,737	160	42,639	39	7,901	2,809,937	4,654,768	119
70	9,966	25	5,219			5	100	25,113,874	39,180,844	120
103	17,818	830	423,968	27	6,946			1,038,943	3,179,649	121
9	1,680	360	193,585	2	275			485,946	2,922,514	122
								57,736	195,834	123
32	4,798	8	892	12	1,512			188,938	592,542	124
81	5,720	1,883	445,011	506	71,608	311	14,675	4,710,709	6,972,268	125
6	936	34	8,184	83	6,650			195,587	455,849	126
16	2,288	8	5,647	6	1,276			1,430,120	2,614,514	127
25	2,079							638,285	981,283	128
204	21,718	997	291,197	93	19,488	2	66	434,152,290	513,971,474	129
85	13,132	82	30,578	184	46,234	7	1,720	8,129,925	14,105,485	130
1,307	253,694	22,871	13,291,445	166	50,791	238	51,839	171,145,156	412,701,872	131
								357,874	672,440	132
32	2,970	259	75,280	104	18,320			275,744	802,237	133
3,499	106,704	3,652	397,022	12,828	807,848	2,080	55,437	18,665,163	29,862,416	134
41	6,519	388	297,974	502	173,552			11,742,508	20,526,988	135
144	23,539	2,146	723,850	10,783	2,335,529	67	8,500	15,280,572	29,870,946	136
137	21,199	712	330,323	199	55,816	2	312	9,757,060	23,884,252	137
412	51,101	2,968	1,283,012	837	95,654	382	18,232	6,572,299	16,866,358	138
1,346	220,707	7,289	3,833,399	451	98,322	71	13,165	38,796,471	94,876,722	139
5	1,300	167	107,519	1	156			203,199	651,296	140
11	3,650	13	8,120					1,940,712	2,957,143	141

TABLE 4.—MANUFACTURES, BY

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.			
			Aggregate.	Plant.		
				Total.	Land.	Buildings.
142	Gas and lamp fixtures. (See also Lamps and reflectors.)	108	$7,218,964	$2,354,562	$376,275	$691,000
143	Gas illuminating and heating. (See special report on Gas in Part III.)	742	258,771,795	234,401,052	45,521,707	35,048,435
144	Gas machines and meters	38	1,603,426	514,687	73,350	149,250
145	Gas stoves	24	1,199,528	515,229	29,591	141,562
146	Glass. (See special report on Glass in Part III.)	294	40,966,650	25,437,450	5,097,726	11,401,021
147	Glass, cutting, staining, and ornamenting	279	2,504,089	692,797	132,516	134,000
148	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	324	5,977,820	913,116	162,530	345,550
149	Glucose	7	5,991,023	4,470,000	870,000	1,400,000
150	Glue. (See special report on Glue in Part III.)	62	4,859,266	1,972,993	564,475	719,631
151	Gold and silver, leaf and foil	81	1,105,198	548,026	109,900	197,650
152	Gold and silver, reducing and refining, not from the ore	38	4,763,397	2,032,781	248,000	1,135,111
153	Graphite	3	38,614	9,500		
154	Grease and tallow. (See also Axle grease; Soap and candles.)	233	4,336,193	2,746,979	933,080	1,017,144
155	Grindstones	9	78,750	32,500	3,500	3,500
156	Gunpowder. (See also Ammunition; High explosives, and special report on Chemicals and allied products in Part III.)	37	9,609,975	5,001,388	942,756	1,657,604
157	Hairwork	492	1,362,993	342,412	125,000	115,790
158	Hammocks	6	65,525	5,200	200	700
159	Hand knit goods	28	78,468	34,915	10,300	9,700
160	Hand stamps	234	998,873	557,508	79,000	52,000
161	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	350	26,271,840	12,330,030	1,929,035	3,660,404
162	Hardware, saddlery	102	3,376,356	1,284,496	204,150	315,364
163	Hat and cap materials	73	1,709,650	577,880	87,300	139,500
164	Hats and caps, not including wool hats. (See also Fur goods; Straw goods, not elsewhere specified.)	705	13,724,002	5,056,721	1,085,652	1,710,327
165	Hay and straw, baling	72	416,541	261,603	42,810	134,196
166	High explosives. (See also Ammunition; Gunpowder, and special report on Chemicals and allied products in Part III.)	32	3,929,503	1,404,488	225,087	468,081
167	Hones and whetstones	9	97,935	65,450	22,500	13,700
168	Hooks and eyes	10	449,618	246,545	11,200	37,520
169	Horseshoes, factory product	4	1,299,065	675,950	62,879	68,500
170	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods, and special report on Wool manufacture in Part III.)	796	50,607,738	23,574,761	2,271,466	6,194,088
171	House furnishing goods, not elsewhere specified	133	6,939,659	3,065,108	414,500	1,179,366
172	Ice, artificial	222	9,846,468	8,873,731	1,595,360	1,338,652
173	Ink, printing	35	1,863,025	620,163	174,600	132,900
174	Ink, writing	38	792,194	357,760	101,500	154,900
175	Instruments, professional and scientific	233	2,996,021	1,293,363	247,600	248,517
176	Iron and steel. (See special report on Iron and steel manufacture in Part III.)	645	372,678,018	210,030,316	31,403,087	42,466,656
177	Iron and steel, bolts, nuts, washers, and rivets	82	10,789,821	5,812,292	1,101,168	1,291,348
178	Iron and steel, doors and shutters	7	42,550	23,950	10,000	5,000
179	Iron and steel, forgings	90	7,152,145	4,281,004	1,125,732	699,308
180	Iron and steel, nails and spikes, cut and wrought, including wire nails	138	24,334,549	13,825,194	2,273,151	3,108,506
181	Iron and steel, pipe, wrought	22	22,622,367	9,043,906	1,678,093	1,917,951
182	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	724	21,968,172	10,671,455	2,983,622	2,877,618
183	Ivory and bone work	64	1,894,549	839,272	135,000	402,460
184	Japanning	39	285,794	111,900	9,650	18,600
185	Jewelry. (See also Watch, clock, and jewelry repairing.)	783	22,246,508	4,141,958	173,200	405,661
186	Jewelry and instrument cases	76	634,900	141,196	1,700	16,700
187	Jute and jute goods	7	1,645,636	891,611	89,800	295,000
188	Kaolin and other earth grinding	95	3,334,575	2,114,931	683,422	532,950
189	Kindling wood	136	1,299,533	872,105	242,772	210,950
190	Labels and tags	47	646,815	450,180	53,600	61,950
191	Lamps and reflectors. (See also Gas and lamp fixtures.)	93	2,550,214	902,772	82,900	134,300
192	Lapidary work	29	100,635	26,435		
193	Lard, refined. (See also Slaughtering.)	17	3,898,910	898,215	106,430	152,870
194	Lasts	52	906,820	391,282	85,750	78,400
195	Lead, bar, pipe, and sheet	28	4,892,525	2,405,572	881,844	675,800
196	Leather board. (See also Paper.)	8	445,743	250,053	47,790	65,607
197	Leather, dressed skins	38	434,800	171,700	45,675	71,000
198	Leather goods. (See also Pocketbooks; Trunks and valises.)	139	2,980,060	692,622	117,110	130,343
199	Leather, morocco	121	12,283,793	3,988,333	651,800	1,793,306
200	Leather, patent and enameled	32	4,108,409	1,530,767	461,500	647,900
201	Leather, tanned and curried. (See Table 8.)	1,596	81,261,696	22,526,492	6,346,010	10,155,462
202	Lightning rods	22	436,661	118,628	35,700	40,690
203	Lime and cement	873	18,752,396	14,464,265	7,482,480	4,095,536
204	Linen goods	3	908,589	288,895	38,995	161,400
205	Liquors, distilled	440	31,006,176	16,972,727	2,816,967	6,299,511
206	Liquors, malt. (See also Bottling.)	1,248	232,471,290	148,239,269	33,538,926	64,412,133
207	Liquors, vinous. (See also Liquors, distilled.)	236	5,792,783	2,706,613	367,010	1,049,005
208	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	219	15,490,127	8,715,408	451,829	1,075,873
209	Lock and gun smithing	1,308	1,867,220	1,141,290	358,460	260,915
210	Looking-glass and picture frames	1,290	8,554,995	2,237,358	590,955	710,325
211	Lumber and other mill products from logs or bolts. (See special report on Forest industries in Part III.)	21,011	496,339,968	294,325,888	156,539,097	91,273,534
212	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	3,670	120,271,440	52,327,364	16,128,855	13,976,848
213	Malt. (See also Liquors, malt.)	202	24,293,864	10,787,614	3,230,357	5,827,303
214	Mantels, slate, marble, and marbleized	90	1,854,759	698,780	304,960	238,650
215	Marble and stone work. (See also Monuments and tombstones.)	1,321	24,041,961	10,775,391	4,889,280	1,743,427
216	Masonry, brick and stone. (See also Plastering and stuccowork.)	5,969	51,660,111	11,279,547	3,798,090	2,932,363

SPECIFIED INDUSTRIES: 1890—Continued.

CAPITAL—continued.		Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
Plant—Cont'd.			Aggregates.		Officers, firm members, and clerks.				
					Males above 16 years.		Females above 15 years.		
Machinery, tools, and implements.	Live assets.		Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$1,287,287	$4,864,402	$793,283	5,530	$3,592,512	505	$705,955	11	$6,744	142
153,830,910	24,379,743	7,799,385	14,860	10,642,794	1,810	2,120,496	54	22,673	143
292,087	1,088,739	105,209	1,071	709,529	71	82,427	2	1,200	144
344,076	684,299	118,617	1,031	628,773	97	116,009	11	6,038	145
8,938,793	15,529,400	2,267,696	45,987	22,118,522	1,053	1,217,202	42	15,359	146
426,281	1,811,292	272,138	3,794	2,496,420	456	532,192	18	9,668	147
405,036	5,064,704	426,937	8,669	3,109,008	456	426,122	26	12,542	148
2,200,000	1,521,023	923,429	1,759	974,406	35	72,320			149
688,887	2,886,273	420,913	1,836	823,452	138	146,687	1	676	150
249,476	557,172	46,863	1,499	860,796	84	96,409	10	6,220	151
649,670	2,730,616	354,113	966	771,030	83	145,422			152
9,500	29,114	4,999	21	10,442	3	1,434			153
796,755	1,589,214	278,334	1,787	1,079,284	313	283,444	4	1,952	154
25,500	46,250	5,799	132	56,980	8	5,204			155
2,401,028	4,608,587	959,240	1,730	1,002,694	106	166,201	2	1,300	156
101,622	1,020,581	282,152	1,945	870,601	250	219,979	298	160,368	157
4,300	60,325	3,369	86	18,359	6	3,755			158
14,915	43,553	20,352	224	61,989	27	22,224	11	3,914	159
426,508	441,365	126,548	1,068	650,647	303	271,200	60	35,358	160
6,740,591	13,941,819	2,400,827	19,671	9,911,486	1,124	1,232,122	52	23,297	161
764,982	2,091,860	250,668	3,179	1,547,295	249	281,719	13	5,251	162
351,080	1,131,770	146,073	1,705	844,352	112	143,857	4	2,040	163
2,260,742	8,667,281	1,651,268	27,193	14,111,747	1,233	1,445,350	29	15,480	164
84,597	154,938	30,430	777	149,653	59	25,327			165
711,320	2,525,015	209,680	820	546,816	87	140,367	2	1,140	166
29,250	32,485	1,918	71	27,973	14	9,219			167
197,825	203,073	33,008	243	148,444	22	41,458	3	915	168
544,571	623,115	42,019	493	282,870	19	40,976			169
15,109,207	27,032,977	3,627,245	61,209	18,263,272	1,520	1,641,230	101	43,923	170
1,471,242	3,874,551	366,750	3,667	1,779,753	244	268,469	6	4,415	171
5,939,719	972,737	477,485	3,265	1,441,187	438	344,711	1	480	172
312,663	1,242,862	162,554	516	455,764	132	183,399	4	2,625	173
101,360	434,434	47,676	508	301,426	122	148,580	5	2,358	174
796,946	1,702,658	203,937	2,371	1,606,194	373	406,641	20	7,955	175
136,160,573	162,647,702	16,918,753	152,535	84,665,506	3,773	5,662,568	47	25,038	176
3,419,776	4,977,529	597,605	7,341	3,472,202	358	454,485	28	13,263	177
8,950	18,600	4,210	53	38,389	7	7,625			178
2,455,964	2,871,141	366,812	4,448	2,638,641	235	322,451	5	2,076	179
8,443,537	10,509,355	1,244,624	17,116	7,816,994	498	664,889	18	7,852	180
5,447,862	13,578,461	1,095,805	12,064	5,845,462	368	446,422	3	1,325	181
4,810,215	11,296,717	1,344,813	18,672	11,951,457	1,470	1,696,081	44	19,075	182
301,872	1,055,277	111,293	1,345	687,360	102	94,657	3	836	183
83,650	173,894	21,941	292	156,201	49	51,004			184
3,563,097	18,104,550	1,493,545	15,761	10,279,193	1,712	2,158,469	109	73,597	185
122,796	493,704	70,679	1,038	587,574	127	140,231	1	416	186
506,811	754,025	168,258	1,212	391,586	18	23,001			187
898,559	1,219,644	222,527	1,461	744,129	185	193,413	5	1,837	188
418,383	427,428	173,298	1,805	772,377	184	152,673	4	3,610	189
354,630	196,635	60,882	710	379,897	85	87,365	7	3,572	190
685,572	1,647,442	197,759	2,286	1,320,273	213	280,701	7	3,612	191
26,435	74,200	13,294	129	99,486	36	39,344	1	1,500	192
638,915	3,000,695	845,116	1,018	648,042	120	181,300	10	6,640	193
227,132	515,538	62,192	774	571,732	76	85,439	2	550	194
847,928	2,486,953	208,645	780	552,321	137	165,963	6	3,170	195
136,656	195,690	30,166	185	92,163	20	19,711	2	1,000	196
55,025	263,100	30,978	355	207,724	58	47,911			197
445,169	2,287,438	190,874	3,074	1,464,124	305	336,620	15	7,108	198
1,543,227	8,295,460	838,727	8,237	4,599,509	414	451,262	12	6,114	199
421,367	2,577,642	218,546	2,087	1,352,981	81	131,735	1	312	200
6,025,020	58,735,204	4,309,421	34,348	17,825,605	2,050	2,086,155	19	9,401	201
42,238	318,033	20,559	210	132,195	41	52,461	5	2,820	202
2,886,249	4,288,131	984,009	13,710	5,473,222	660	525,361	7	3,548	203
88,500	619,694	65,583	583	180,204	9	13,070			204
7,856,249	14,033,449	65,179,927	5,343	2,814,889	573	564,325	8	4,500	205
50,288,210	84,232,021	48,276,290	34,800	28,382,544	4,483	7,021,448	60	47,713	206
1,290,598	3,086,170	270,377	1,282	480,733	229	178,955	5	2,325	207
7,187,706	6,774,719	1,155,653	10,590	7,147,174	856	1,256,812	78	35,032	208
521,915	725,930	278,516	2,560	1,502,316	1,307	841,396	11	5,059	209
936,078	6,317,637	1,019,920	9,664	5,257,553	1,654	1,383,189	82	27,507	210
106,513,257	202,014,080	20,136,273	286,197	87,784,433	19,287	10,608,273	181	80,925	211
22,221,661	67,944,076	6,594,958	86,888	48,970,080	6,814	6,676,686	151	71,538	212
1,729,954	13,506,250	1,305,246	3,694	2,103,200	365	512,725	1	300	213
155,230	1,155,979	108,899	1,704	1,160,861	180	205,714	4	2,028	214
4,142,684	13,266,570	1,772,017	23,888	17,433,505	1,916	2,110,145	22	8,762	215
4,549,094	40,380,564	5,688,854	108,405	70,681,800	6,679	6,744,321	24	11,113	216

TABLE 4.—MANUFACTURES, BY

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—cont'd.			
		Operatives, skilled and unskilled.			
		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.
142	Gas and lamp fixtures. (See also Lamps and reflectors.)	4,641	$2,737,419	233	$71,674
143	Gas, illuminating and heating. (See special report on Gas in Part III.)	12,951	8,492,647		
144	Gas machines and meters	826	541,785	15	6,819
145	Gas stoves	861	476,083	5	1,250
146	Glass. (See special report on Glass in Part III.)	24,337	10,664,728	1,626	273,064
147	Glass, cutting, staining, and ornamenting	3,042	1,861,281	151	50,712
148	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	1,807	954,891	1,121	332,097
149	Glucose	1,714	897,562	5	1,524
150	Glue. (See special report on Glue in Part III.)	1,535	638,563	34	8,256
151	Gold and silver, leaf and foil	629	420,806	496	155,743
152	Gold and silver, reducing and refining, not from the ore	864	613,369	1	416
153	Graphite	17	8,688	1	320
154	Grease and tallow. (See also Axle grease; Soap and candles.)	1,431	785,078	7	2,296
155	Grindstones	123	51,686		
156	Gunpowder. (See also Ammunition; High explosives, and special report on Chemicals and allied products in Part III.)	1,573	806,991		
157	Hairwork	210	114,484	941	307,043
158	Hammocks	13	5,343	14	2,799
159	Hand knit goods	12	5,887	78	13,059
160	Hand stamps	547	287,776	60	15,579
161	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	12,505	6,257,169	1,156	294,219
162	Hardware, saddlery	1,570	748,326	123	31,197
163	Hat and cap materials	898	423,263	425	115,170
164	Hats and caps, not including wool hats. (See also Fur goods; Straw goods, not elsewhere specified.)	7,354	4,150,799	2,745	866,523
165	Hay and straw, baling	472	109,387	114	2,456
166	High explosives. (See also Ammunition; Gunpowder, and special report on Chemicals and allied products in Part III.)	638	372,280	23	5,280
167	Hones and whetstones	44	15,309	10	2,445
168	Hooks and eyes	119	76,766	96	28,905
169	Horseshoes, factory product	394	224,004		
170	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods, and special report on Wool manufacture in Part III.)	11,681	4,892,339	15,125	3,882,062
171	House furnishing goods, not elsewhere specified	2,083	1,021,581	740	219,142
172	Ice, artificial	2,606	1,081,810		
173	Ink, printing	357	258,782	18	8,658
174	Ink, writing	203	101,555	99	24,081
175	Instruments, professional and scientific	1,592	975,849	137	39,236
176	Iron and steel. (See special report on Iron and steel manufacture in Part III.)	147,357	78,715,288	2	566
177	Iron and steel, bolts, nuts, washers, and rivets	4,246	2,013,927	180	49,240
178	Iron and steel, doors and shutters	43	28,714		
179	Iron and steel, forgings	3,516	1,965,782	11	2,700
180	Iron and steel, nails and spikes, cut and wrought, including wire nails	14,436	6,449,349	613	136,148
181	Iron and steel, pipe, wrought	10,807	5,036,707	5	2,346
182	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	16,656	10,002,485	9	3,120
183	Ivory and bone work	901	473,830	140	42,040
184	Japanning	144	69,055	41	12,846
185	Jewelry. (See also Watch, clock, and jewelry repairing.)	9,760	6,286,793	2,598	824,420
186	Jewelry and instrument cases	597	367,225	260	60,068
187	Jute and jute goods	307	148,876	665	180,137
188	Kaolin and other earth grinding	1,215	520,971		
189	Kindling wood	1,025	454,816	18	4,646
190	Labels and tags	414	247,046	137	33,740
191	Lamps and reflectors. (See also Gas and lamp fixtures.)	1,730	928,854	131	30,404
192	Lapidary work	82	54,512		
193	Lard, refined. (See also Slaughtering.)	683	408,896	112	29,480
194	Lasts	501	329,975		
195	Lead, bar, pipe, and sheet	634	381,888		
196	Leather board. (See also Paper.)	160	70,452	2	600
197	Leather, dressed skins	235	131,695	21	6,216
198	Leather goods. (See also Pocketbooks; Trunks and valises.)	1,569	761,894	879	233,012
199	Leather, morocco	6,029	3,157,773	114	36,225
200	Leather, patent and enameled	1,370	790,654		
201	Leather, tanned and curried. (See Table 8.)	29,130	13,916,135	80	21,966
202	Lightning rods	159	75,109		
203	Lime and cement	12,430	4,698,620	7	2,540
204	Linen goods	156	69,728	287	65,500
205	Liquors, distilled	4,559	2,142,232	3	390
206	Liquors, malt. (See also Bottling.)	29,117	20,399,030	168	40,757
207	Liquors, vinous. (See also Liquors, distilled.)	962	285,418	24	7,382
208	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	7,727	5,277,573	1,461	872,757
209	Lock and gun smithing	1,140	625,424	1	600
210	Looking-glass and picture frames	6,510	3,403,867	526	135,678
211	Lumber and other mill products from logs or bolts. (See special report on Forest industries in Part III.)	252,129	73,723,635	1,388	249,524
212	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	76,849	41,156,203	104	28,200
213	Malt. (See also Liquors, malt.)	3,285	1,571,931		
214	Mantels, slate, marble, and marbleized	1,390	863,155	4	962
215	Marble and stone work. (See also Monuments and tombstones.)	20,907	14,759,349	14	5,434
216	Masonry, brick and stone. (See also Plastering and stuccowork.)	99,934	62,729,908	12	4,398

SPECIFIED INDUSTRIES: 1890—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.								Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Operatives, skilled and unskilled—Continued.		Pieceworkers.								
Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
38	$8,052	102	$62,668					$2,208,124	$7,825,672	142
38	6,078	1	150			6	$750	14,037,087	56,987,290	143
		153	76,798	4	$500			675,542	1,838,644	144
		57	29,393					840,126	2,137,944	145
6,498	918,740	11,727	8,881,623	259	59,181	445	88,619	12,140,985	41,051,004	146
58	11,427	65	30,170	4	970			2,188,287	6,090,378	147
84	11,411	1,191	551,494	3,970	818,846	14	1,605	5,021,144	10,103,821	148
		5	3,000					5,029,131	7,756,686	149
67	9,470	45	18,200	16	1,600			2,510,927	4,270,460	150
18	2,797	95	68,101	167	50,720			1,834,710	2,977,791	151
2	462	15	11,136	1	225			30,005,096	32,035,520	152
								26,380	54,605	153
24	6,164	8	350					5,135,901	7,474,911	154
1	90							34,742	122,240	155
10	1,637	39	26,565					3,279,004	6,752,343	156
23	5,158	74	23,088	148	40,390	1	91	846,045	2,489,061	157
		3	1,710	50	4,752			26,535	60,254	158
8	490	17	6,300	71	10,115			88,280	205,775	159
41	6,448	50	30,565	7	3,721			432,687	1,583,872	160
603	88,916	3,747	1,908,106	376	91,351	108	16,306	10,186,442	26,726,463	161
55	7,782	1,024	444,620	135	27,098	10	1,302	1,624,849	4,118,195	162
8	1,414	202	139,638	51	16,890	5	2,080	2,059,001	3,465,524	163
114	17,900	9,111	5,441,865	6,460	2,130,710	147	43,120	16,160,802	37,311,599	164
9	158	122	12,300			1	25	729,195	1,058,142	165
13	2,776	31	22,213	16	1,860	10	900	2,202,719	4,600,272	166
		3	1,000					6,332	54,136	167
3	400							325,615	593,604	168
80	17,890							519,449	1,110,032	169
2,711	374,128	3,165	1,148,361	25,701	6,124,008	1,205	156,721	35,861,585	67,241,013	170
82	15,949	432	225,065	78	24,792	2	400	4,832,791	8,347,285	171
15	1,362	205	12,824					940,699	4,900,983	172
		5	2,300					1,145,554	2,376,672	173
12	1,494	20	10,752	47	12,606			519,231	1,128,307	174
23	3,894	214	169,269	12	3,350			698,352	3,271,616	175
1,356	262,046							295,777,843	430,954,348	176
210	35,643	1,841	797,760	130	37,053	348	70,831	6,746,304	12,373,031	177
2	250	1	1,800					29,792	88,515	178
43	8,378	595	329,308			43	7,946	4,875,697	9,042,563	179
747	136,519	531	328,265	366	92,665	7	1,307	22,960,737	34,227,517	180
284	57,704	596	300,758			1	200	25,988,798	37,906,801	181
146	27,028	343	201,924			4	1,144	18,620,510	37,745,294	182
18	2,718	160	67,166	20	5,939	1	174	921,975	1,918,607	183
4	738	23	12,196	23	8,210	8	1,552	120,184	350,819	184
215	36,605	936	767,663	370	122,825	1	21	16,110,219	34,761,458	185
17	2,824	23	14,780	12	1,796	1	234	483,441	1,454,053	186
167	22,672			55	16,900			501,909	1,120,121	187
5	628	51	27,280					1,330,290	2,846,862	188
22	2,886	377	120,065	130	25,147	45	8,534	1,187,460	2,401,873	189
27	2,814	1	780	12	2,220	27	2,360	492,371	1,048,304	190
52	10,026	140	60,684	13	5,992			1,542,092	4,039,359	191
5	780	5	3,350					124,852	315,604	192
61	11,950	3	676	29	9,100			12,654,360	15,474,848	193
2	416	193	155,352					331,225	1,239,065	194
		1	575	2	725			6,882,157	8,351,754	195
		1	400					211,936	463,705	196
3	604	38	21,298					724,739	1,072,755	197
86	15,500	193	105,528	24	4,162	3	300	2,988,747	5,578,428	198
296	56,683	1,333	874,304	22	10,680	17	3,528	18,174,452	26,279,105	199
		635	430,280					3,932,724	6,502,228	200
76	12,000	2,963	1,772,196	27	7,612	3	140	100,114,806	138,282,004	201
1	145	4	1,660					212,789	483,296	202
89	13,238	517	229,915					5,667,863	15,741,801	203
34	6,202	62	18,711	8	2,159	27	4,834	268,907	547,273	204
5	540	194	102,802			1	100	14,909,173	104,197,869	205
508	91,609	374	165,763	82	15,000	8	1,224	64,003,347	182,731,622	206
6	548	54	5,905	2	200			1,318,012	2,846,148	207
303	54,473	124	136,757	35	12,548	6	1,222	6,265,464	17,988,157	208
45	6,862	55	22,611	1	364			822,557	3,153,834	209
367	64,349	427	219,404	59	17,713	39	6,846	7,069,115	16,376,173	210
2,616	333,604	9,051	2,607,984	893	113,875	652	66,613	231,555,618	403,667,575	211
1,474	226,112	1,444	796,804	37	12,161	15	2,376	104,926,834	183,681,552	212
		43	18,244					17,100,074	23,442,559	213
4	1,294	113	87,708					1,254,667	3,127,662	214
49	9,849	937	529,646	37	9,620	6	700	16,232,430	41,924,264	215
170	64,347	1,686	1,127,713					91,791,109	190,704,818	216

TABLE 4.—MANUFACTURES, BY

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.			
			Aggregate.	Plant.		
				Total.	Land.	Buildings.
217	Matches	27	$1,941,092	$1,104,935	$190,228	$364,698
218	Mats and matting	24	392,639	165,062	23,400	23,100
219	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	696	6,662,929	2,068,458	631,626	673,591
220	Millinery and lace goods. (See also Artificial feathers and flowers.)	278	6,630,210	1,788,243	100,200	353,000
221	Millinery, custom work	5,999	16,309,220	3,964,230	1,598,687	1,785,618
222	Millstones	4	49,450	36,150	20,500	10,600
223	Mineral and soda waters. (See also Bottling.)	1,377	10,781,817	8,229,883	1,818,888	1,539,273
224	Mirrors	45	1,695,772	264,997	18,110	33,300
225	Models and patterns	449	1,384,721	719,089	119,138	120,747
226	Monuments and tombstones. (See also Marble and stone work.)	2,052	13,973,232	4,261,564	1,988,177	1,189,296
227	Mucilage and paste	55	748,826	286,624	48,150	96,100
228	Musical instruments and materials, not specified	293	1,329,329	650,507	156,775	191,375
229	Musical instruments, organs and materials	145	9,890,288	2,083,252	450,560	871,755
230	Musical instruments, pianos and materials	236	18,430,872	4,701,884	1,385,346	1,738,750
231	Needles and pins	45	1,820,089	954,609	81,100	222,900
232	Nets and seines	22	1,135,764	467,623	39,573	95,633
233	Oakum	7	275,675	186,525	73,525	35,000
234	Oil, castor	7	621,798	263,962	85,500	51,000
235	Oil, cottonseed and cake	119	12,808,936	8,941,014	898,345	2,733,217
236	Oil, essential	67	102,223	70,872	10,006	11,497
237	Oil, illuminating, not including petroleum, refining	5	561,496	349,200	107,500	114,000
238	Oil, lard	7	481,526	197,500	65,500	77,500
239	Oil, linseed	62	14,003,358	5,036,210	1,208,775	1,514,358
240	Oil, lubricating	124	4,091,157	1,067,901	212,584	300,476
241	Oil, resin	8	284,110	153,500	58,000	50,000
242	Oilcloth, enameled	9	772,820	412,450	74,950	170,750
243	Oilcloth, floor	19	3,704,436	1,596,845	295,550	777,150
244	Oleomargarine	12	634,532	135,434	32,234	29,900
245	Optical goods	191	2,608,176	906,727	64,281	144,495
246	Ordnance and ordnance stores	4	7,639,991	7,446,383	2,081,866	3,516,829
247	Oysters, canning and preserving. (See also Food preparations.)	16	1,106,962	504,250	234,200	180,750
248	Painting and paper hanging	10,943	23,135,781	7,665,288	2,564,067	2,516,812
249	Paints. (See also Chemicals; Varnish, and special report on Chemicals and allied products in Part III.)	382	34,009,203	14,869,182	4,389,155	5,250,204
250	Paper. (See also Leather board; Pulp, wood, and Table 8.)	567	82,374,099	56,289,244	9,002,883	18,250,116
251	Paper goods, not elsewhere specified	66	2,922,449	1,217,536	115,550	378,900
252	Paper hangings	27	5,709,909	2,108,753	355,500	486,584
253	Paper patterns	27	156,106	18,690	2,500	3,550
254	Patent medicines and compounds. (See also Druggists' preparations, not including proscriptions.)	1,127	18,596,823	5,275,507	1,700,721	1,833,970
255	Paving and paving materials	704	12,648,093	4,589,540	1,307,336	552,284
256	Pencil cases	6	66,625	21,000		
257	Pencils, lead	5	3,100,836	936,000	270,000	373,000
258	Pens, fountain and stylographic	15	142,265	43,325	3,100	3,600
259	Pens, gold	18	473,964	149,120	12,000	8,000
260	Pens, steel	3	399,182	176,115	36,000	52,672
261	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	157	2,238,901	545,878	96,450	149,875
262	Petroleum, refining. (See special report on Refining of petroleum in Part III.)	94	77,416,296	35,127,700	7,886,668	6,403,994
263	Photographic apparatus	25	362,834	108,851	7,100	12,800
264	Photographic materials	45	1,172,540	459,179	104,600	132,413
265	Photography	3,105	7,804,532	5,080,305	614,670	684,504
266	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	89	1,134,873	604,378	7,000	5,500
267	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	316	4,913,459	1,679,944	455,803	485,185
268	Pipes, tobacco	69	1,432,753	567,788	30,863	95,015
269	Plastering and stuccowork. (See also Masonry, brick and stone.)	1,746	3,309,297	1,460,240	474,805	486,410
270	Plated and britannia ware. (See also Silverware.)	68	13,150,990	3,922,351	304,382	999,259
271	Plumbers' supplies. (See also Brass castings and brass finishing.)	122	9,678,107	3,859,279	988,950	1,985,228
272	Plumbing and gas fitting	5,327	29,335,247	8,113,905	2,590,074	2,437,944
273	Pocketbooks. (See also Leather goods.)	62	1,121,834	257,065	63,416	116,184
274	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	4,098	67,146,445	40,295,690	2,569,068	3,005,354
275	Printing and publishing, music. (See also Bookbinding and blank-book making.)	79	1,816,205	924,777	52,200	33,600
276	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making, and special report on Newspapers and periodicals, in Part III.)	12,362	126,269,885	78,760,934	10,409,896	11,769,253
277	Printing materials	64	1,370,487	562,878	16,500	62,056
278	Printing, tin	27	154,910	114,000		
279	Pulp goods	9	418,045	228,574	34,990	78,118
280	Pulp, wood	82	7,455,449	5,961,654	1,054,400	1,725,211
281	Pulp from fiber, other than wood	7	583,837	321,500	38,000	78,500
282	Pumps, not including steam pumps	250	3,540,097	1,697,572	447,855	631,059
283	Refrigerators	82	3,367,329	1,149,199	313,942	404,654
284	Regalia and society banners and emblems. (See also Flags and banners.)	137	1,841,193	278,565	31,001	32,641
285	Registers, car fare	7	74,725	32,950		
286	Registers, cash	5	292,150	96,050	8,000	25,000

SPECIFIED INDUSTRIES: 1890—Continued.

CAPITAL—continued.			AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
Plant—Cont'd.		Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.				
					Males above 16 years.		Females above 15 years.		
Machinery, tools, and implements.	Live assets.		Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$550,009	$836,157	$124,800	1,755	$544,211	50	$66,115	9	$4,540	217
118,562	227,577	26,651	423	212,481	40	39,607			218
763,241	4,594,471	680,386	7,337	3,660,297	978	877,994	41	18,350	219
1,335,043	4,841,967	742,153	11,827	5,452,429	579	847,117	130	79,291	220
579,925	12,344,990	2,620,266	23,976	8,945,139	1,052	818,322	5,852	2,885,416	221
5,050	13,300	1,628	28	17,864	4	5,100			222
4,871,722	2,551,934	1,286,577	7,717	4,206,868	1,749	1,400,425	49	26,280	223
213,587	1,430,775	169,594	1,542	1,033,235	138	190,828			224
479,204	665,632	150,512	2,010	1,427,861	501	470,119	6	2,693	225
1,084,091	8,811,668	970,358	12,101	7,930,016	2,297	1,891,285	26	10,706	226
142,374	462,202	57,581	404	199,411	89	77,103	6	2,526	227
302,357	678,822	178,488	1,382	862,177	314	252,613	12	4,454	228
760,937	7,807,036	821,315	4,989	3,096,477	349	409,446	32	12,840	229
1,577,788	13,728,988	1,394,513	13,057	9,347,729	607	965,686	18	12,696	230
650,609	865,480	71,674	1,680	728,002	65	74,532	6	3,986	231
332,417	668,141	53,020	650	217,985	31	27,114	1	750	232
78,000	89,150	6,579	151	57,116	9	10,300			233
127,462	357,836	28,314	101	70,131	22	24,729	2	870	234
5,309,452	3,867,982	1,163,586	6,301	1,907,827	391	412,197	4	1,850	235
49,369	31,351	34,462	220	87,492	23	8,568			236
127,700	212,296	15,480	66	54,418	13	22,044	2	1,166	237
54,500	284,026	102,663	120	82,232	26	29,024			238
2,313,077	8,967,148	1,321,461	2,073	1,286,062	184	306,498	3	2,220	239
554,841	3,023,256	928,718	1,072	876,470	350	432,470	15	7,246	240
45,500	130,610	20,800	117	82,652	27	29,056			241
166,750	360,370	66,929	367	212,461	26	29,702			242
524,145	2,107,591	195,764	1,583	837,969	61	91,953	1	250	243
73,300	499,098	385,563	328	245,890	58	88,504	6	3,248	244
697,951	1,701,449	228,028	2,844	1,300,452	302	275,494	35	14,584	245
1,847,688	193,608	18,885	1,459	1,099,306	31	34,888			246
89,300	602,712	80,199	3,514	712,501	60	69,641	1	250	247
2,584,409	15,470,493	2,632,571	56,281	37,722,550	10,816	8,886,887	129	48,332	248
5,229,823	19,140,021	3,039,427	8,737	5,605,626	1,597	1,995,138	96	41,731	249
29,036,245	26,084,855	6,270,959	29,568	13,746,584	1,156	1,599,563	44	22,091	250
723,086	1,704,913	234,325	1,647	765,181	121	150,174	7	3,654	251
1,266,669	3,601,156	660,117	2,814	1,474,788	218	297,182	12	5,452	252
12,640	137,416	54,857	448	153,738	30	40,860	9	4,352	253
1,740,816	13,321,316	7,063,311	9,390	5,094,202	2,029	2,007,911	303	130,908	254
2,829,920	7,958,553	1,147,235	22,730	10,450,970	1,001	1,021,570	9	4,102	255
21,000	45,625	5,919	89	60,088	10	13,080			256
293,000	2,164,836	154,528	1,452	580,750	56	126,500	8	3,800	257
36,625	98,940	12,380	176	102,799	23	28,434	1	468	258
129,120	324,844	82,753	363	260,669	56	72,900	6	2,224	259
87,443	223,067	6,295	511	152,175	15	20,143			260
299,553	1,693,023	421,335	1,755	877,679	325	353,896	34	22,263	261
20,837,038	42,288,596	2,069,268	12,471	6,989,478	1,035	1,102,892	33	14,119	262
88,951	253,983	28,263	549	308,939	40	44,560	3	1,624	263
222,165	713,461	91,356	899	538,266	110	115,868	6	2,150	264
3,781,131	2,724,227	1,592,786	10,432	6,405,871	3,143	2,773,456	322	159,772	265
590,878	530,495	145,059	1,352	988,808	192	221,443	15	6,836	266
738,056	3,234,415	528,283	4,252	1,767,319	648	595,803	27	12,624	267
441,910	864,965	95,545	1,345	730,996	131	154,941	8	4,240	268
499,025	1,849,057	311,812	10,624	6,845,487	1,804	1,459,330	4	1,440	269
2,618,710	9,228,630	1,276,431	6,919	3,775,305	278	408,892	24	11,153	270
1,785,101	6,818,828	550,938	5,485	3,304,214	518	635,779	20	10,850	271
3,085,887	21,221,342	2,492,884	42,513	28,762,611	6,907	6,787,427	149	59,870	272
77,465	864,760	101,933	1,348	661,992	135	168,329	5	1,752	273
34,721,268	26,850,755	10,855,620	58,139	35,874,361	7,375	7,925,120	617	300,250	274
838,977	891,428	362,117	701	448,582	204	209,341	35	15,458	275
56,580,885	47,509,851	35,727,039	106,095	68,601,532	17,576	16,607,805	2,544	1,079,368	276
484,322	807,609	121,874	866	486,106	142	143,500	9	4,510	277
114,000	40,910	26,992	292	158,600	39	44,014	1	500	278
115,466	189,471	46,228	276	139,034	23	27,370	1	180	279
3,182,043	1,493,795	499,722	2,830	1,228,901	143	146,373	5	2,630	280
205,000	262,337	33,202	168	93,256	15	24,200	1	150	281
618,658	1,842,525	225,377	2,140	1,145,145	379	314,781	7	2,790	282
430,603	2,218,130	295,322	2,373	1,252,765	191	217,513	4	1,420	283
214,923	1,562,628	247,882	2,370	1,044,722	258	283,998	41	22,871	284
32,950	41,775	13,098	101	64,074	9	9,476	1	450	285
63,050	196,100	16,805	742	434,140	44	37,234	1	624	286

TABLE 4.—MANUFACTURES, BY

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—cont'd.			
		Operatives, skilled and unskilled.			
		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.
217	Matches	710	$292,329	246	$44,612
218	Mats and matting	262	123,819	16	3,312
219	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	3,746	1,836,923	770	233,585
220	Millinery and lace goods. (See also Artificial feathers and flowers.)	1,775	1,017,301	5,008	1,791,134
221	Millinery, custom work	353	139,506	16,065	4,967,741
222	Millstones	24	12,764	----	----
223	Mineral and soda waters. (See also Bottling.)	5,582	2,715,868	92	22,325
224	Mirrors	1,280	776,285	45	9,152
225	Models and patterns	1,408	920,665	36	11,733
226	Monuments and tombstones. (See also Marble and stone work.)	8,903	5,472,699	9	2,702
227	Mucilage and paste	252	108,945	36	5,745
228	Musical instruments and materials, not specified	875	514,504	40	13,927
229	Musical instruments, organs and materials	2,492	1,550,531	79	33,872
230	Musical instruments, pianos and materials	9,670	6,355,258	145	48,619
231	Needles and pins	803	395,852	396	121,729
232	Nets and seines	102	60,281	425	108,604
233	Oakum	124	43,636	4	200
234	Oil, castor	77	44,532	----	----
235	Oil, cottonseed and cake	5,778	1,458,966	55	9,607
236	Oil, essential	191	28,249	----	----
237	Oil, illuminating, not including petroleum, refining	51	30,608	----	----
238	Oil, lard	92	51,813	----	----
239	Oil, linseed	1,851	953,180	4	1,040
240	Oil, lubricating	667	425,291	32	8,854
241	Oil, resin	90	53,596	----	----
242	Oilcloth, enameled	315	168,789	4	2,576
243	Oilcloth, floor	1,192	583,333	4	1,040
244	Oleomargarine	252	150,918	11	2,870
245	Optical goods	1,599	759,173	389	76,928
246	Ordnance and ordnance stores	1,158	858,811	2	939
247	Oysters, canning and preserving. (See also Food preparations.)	578	182,689	707	219,170
248	Painting and paper hanging	42,617	27,446,839	224	67,944
249	Paints. (See also Chemicals; Varnish, and special report on Chemicals and allied products in Part III.)	6,242	3,307,846	421	116,490
250	Paper. (See also Leather board; Pulp, wood, and Table 8.)	21,280	19,340,749	4,627	1,148,527
251	Paper goods, not elsewhere specified	881	440,462	385	100,624
252	Paper hangings	1,961	1,044,155	240	59,015
253	Paper patterns	46	35,558	361	72,422
254	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	3,988	2,177,014	2,199	558,554
255	Paving and paving materials	21,156	9,182,112	1	312
256	Pencil cases	74	45,540	5	1,468
257	Pencils, lead	434	246,311	299	79,246
258	Pens, fountain and stylographic	107	58,003	21	4,835
259	Pens, gold	239	151,385	23	6,952
260	Pens, steel	66	40,272	2	728
261	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	528	274,192	760	199,676
262	Petroleum, refining. (See special report on Refining of petroleum in Part III.)	9,227	5,077,917	2	622
263	Photographic apparatus	429	244,182	58	12,700
264	Photographic materials	536	333,309	192	60,935
265	Photography	4,490	2,611,163	1,888	662,756
266	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	959	681,634	72	23,115
267	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	1,864	832,691	1,069	219,685
268	Pipes, tobacco	822	424,438	125	31,368
269	Plastering and stuccowork. (See also Masonry, brick and stone.)	8,466	5,253,229	13	4,536
270	Plated and britannia ware. (See also Silverware.)	4,857	2,700,124	799	200,457
271	Plumbers' supplies. (See also Brass castings and brass finishing.)	4,978	2,217,258	44	13,719
272	Plumbing and gas fitting	34,656	21,713,722	66	26,234
273	Pocketbooks. (See also Leather goods.)	569	288,906	374	96,439
274	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	35,780	21,956,713	7,930	2,640,833
275	Printing and publishing, music. (See also Bookbinding and blank-book making.)	328	170,984	69	21,341
276	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making, and special report on Newspapers and periodicals, in Part III.)	57,492	36,925,542	7,888	2,444,992
277	Printing materials	440	253,394	20	6,456
278	Printing, tin	203	98,972	42	12,579
279	Pulp goods	211	99,418	13	2,426
280	Pulp, wood	2,536	1,943,737	22	4,672
281	Pulp from fiber, other than wood	125	52,581	----	----
282	Pumps, not including steam pumps	1,660	783,489	1	200
283	Refrigerators	1,542	749,663	39	6,489
284	Regalia and society banners and emblems. (See also Flags and banners.)	636	328,159	1,056	297,906
285	Registers, car fare	99	54,076	----	----
286	Registers, cash	598	363,418	99	18,364

SPECIFIED INDUSTRIES: 1890—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.								Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Operatives, skilled and unskilled—Continued.		Piecework ers.								
Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
49	$7,174	70	$24,409	601	$103,442	20	$1,590	$935,008	$2,193,638	217
7	1,250	81	40,395	17	4,098			201,591	608,625	218
197	30,560	1,160	520,238	379	119,956	66	22,691	8,727,380	15,683,932	219
42	8,611	749	435,174	3,544	1,273,801			8,588,342	18,047,067	220
208	24,090	48	13,940	392	95,362	6	762	18,756,776	36,983,082	221
								18,294	47,152	222
171	23,156	60	17,089	8	1,350	6	375	4,562,803	14,353,745	223
13	1,966	66	55,010					3,274,131	6,000,533	224
26	3,731	32	18,712	1	208			440,576	2,523,395	225
23	5,189	836	547,300	1	60	1	75	7,636,474	20,671,498	226
3	75	6	1,972	12	3,045			755,034	1,276,611	227
21	3,795	106	69,384	8	3,500			510,664	1,888,613	228
22	4,132	1,977	1,072,456	38	13,200			3,454,720	9,213,188	229
40	7,070	2,541	1,937,484	36	20,916			10,470,779	25,766,368	230
9	2,070	95	54,671	295	72,557	11	2,605	450,442	1,515,865	231
		2	300	89	20,936			634,634	1,002,196	232
14	2,980							231,733	363,400	233
								431,231	573,363	234
37	4,483	36	20,724					14,363,126	19,335,947	235
		6	675					129,735	255,847	236
								442,338	599,720	237
		2	1,395					920,650	1,181,613	238
		31	23,124					19,374,543	23,534,306	239
6	1,385	2	1,224					4,961,184	8,656,530	240
								535,320	738,680	241
2	300	20	11,100					983,518	1,603,265	242
6	1,250	285	156,307			34	3,536	2,380,295	3,877,822	243
1	350							2,175,284	2,988,525	244
103	15,968	269	118,035	118	34,583	29	5,687	1,324,305	3,505,973	245
1	182	267	204,486					743,348	2,424,662	246
54	4,312	904	121,089	995	96,910	215	18,440	2,088,867	3,266,766	247
250	44,836	2,213	1,221,514	25	5,374	7	824	23,110,359	74,067,998	248
55	8,373	218	109,485	98	24,873	10	1,690	24,930,532	40,438,171	249
218	34,211	116	48,938	2,118	552,088	9	417	42,223,314	74,309,388	250
95	14,523	90	39,076	54	14,484	14	2,184	2,627,454	4,179,235	251
276	39,544	102	27,340	3	1,800	2	300	3,572,027	7,431,726	252
1	156	1	390					85,269	377,456	253
145	21,113	243	75,501	480	122,336	12	865	11,630,916	32,620,182	254
16	2,023	547	240,851					13,891,005	30,644,072	255
								59,491	164,450	256
267	40,360	49	18,170	333	74,163	6	1,200	796,378	1,687,560	257
		21	9,819	3	1,240			123,214	351,775	258
1	104	38	27,104					235,628	718,070	259
33	5,249	75	19,635	320	66,148			56,630	268,259	260
13	1,682	14	3,964	78	21,206	3	800	2,128,420	4,630,141	261
500	81,635	1,658	708,820			16	3,473	67,918,723	85,001,198	262
12	1,512	7	4,361					164,620	624,342	263
2	338	51	25,106	2	560			1,107,269	2,121,387	264
117	18,663	296	124,656	175	55,285	1	120	3,892,196	15,488,324	265
16	2,658	97	52,712	1	500			541,395	2,071,580	266
21	2,372	100	25,340	516	86,524	7	1,280	5,328,541	9,790,855	267
15	1,875	202	107,348	38	6,266	4	520	626,668	1,881,262	268
8	1,174	327	145,703	2	75			4,416,053	13,466,824	269
147	25,733	623	346,509	265	80,340	16	2,097	4,647,890	11,502,966	270
111	26,441	681	391,309	29	8,258	4	600	5,853,709	11,960,464	271
475	91,263	259	83,939	1	156			37,735,671	80,905,925	272
63	5,505	161	91,178	32	8,218	9	1,665	968,948	2,165,462	273
1,382	248,486	3,660	2,097,445	1,395	705,514			29,387,211	93,540,831	274
24	4,128	38	26,634	3	1,596			401,415	1,683,333	275
5,940	638,913	12,932	10,034,505	1,899	778,100	24	3,207	38,955,322	179,859,750	276
16	3,108	79	47,876	160	27,262			567,638	1,459,434	277
6	1,124	1	520					114,967	368,601	278
7	805	17	7,922	4	913			122,851	352,582	279
41	5,595	83	25,894					2,005,166	4,627,796	280
2	300	25	16,025					126,902	524,243	281
13	1,777	80	42,108					1,681,275	4,103,410	282
69	10,750	480	254,373	27	8,172	30	4,394	2,377,958	4,513,616	283
12	1,580	39	23,772	335	86,251	2	185	1,246,906	3,203,890	284
1	72							32,618	141,320	285
10	1,500	20	13,000					222,576	1,281,500	286

TABLE 4.—MANUFACTURES, BY

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.			
			Aggregate.	Plant.		
				Total.	Land.	Buildings.
287	Rice, cleaning and polishing	32	$2,073,884	$1,422,273	$301,870	$560,850
288	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	2,140	13,303,597	5,409,441	1,608,574	1,549,453
289	Rubber and elastic goods	139	13,703,787	4,920,715	475,650	1,172,040
290	Rules, ivory and wood	16	172,918	107,241	26,850	18,930
291	Saddlery and harness	7,931	35,346,620	9,949,904	3,360,578	4,166,339
292	Safes and vaults	39	4,603,118	1,318,879	172,250	292,910
293	Salt. (See special report on Salt in Part III.)	200	13,437,749	11,247,548	4,287,784	4,255,896
294	Sand and emery paper and cloth	9	705,957	208,189	27,727	44,815
295	Sausage. (See also Slaughtering.)	249	1,128,562	787,149	266,905	264,340
296	Saws	95	6,313,373	2,527,399	631,100	656,912
297	Scales and balances	76	1,658,655	874,601	190,500	291,625
298	Screws, machine	20	1,672,343	928,427	130,500	231,818
299	Screws, wood	7	5,572,237	3,356,257	332,631	1,238,054
300	Sewing machine cases	7	1,430,403	691,803	101,000	307,700
301	Sewing machine repairing	166	192,593	72,600	14,700	9,100
302	Sewing machines and attachments	59	16,043,136	5,531,743	558,062	1,362,124
303	Shipbuilding. (See special report on Shipbuilding in Part III.)	1,010	53,393,074	39,870,665	14,294,878	10,170,301
304	Shirts. (See also Furnishing goods, men's.)	869	14,273,611	2,931,474	510,650	889,553
305	Shoddy. (See special report on Wool manufacture in Part III.)	94	3,754,063	1,675,801	265,500	556,990
306	Show cases	99	1,208,022	365,928	76,500	107,284
307	Silk and silk goods. (See special report on Silk manufacture in Part III.)	472	51,007,537	21,086,308	1,691,660	5,212,968
308	Silversmithing	24	410,773	79,275	550	200
309	Silverware. (See also Plated and britannia ware.)	30	5,317,641	1,766,367	215,500	380,500
310	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage, and Table 8.)	611	98,190,766	36,652,521	10,585,656	17,092,271
311	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage, and Table 8.)	507	18,696,738	8,349,270	2,509,667	3,211,822
312	Smelting and refining	50	9,425,912	4,295,843	448,910	2,686,490
313	Soap and candles. (See also Grease and tallow.)	578	24,821,069	11,183,713	3,140,704	4,148,637
314	Soda water apparatus	12	3,354,928	1,122,006	236,900	225,600
315	Sporting goods	136	1,693,776	785,506	100,590	185,935
316	Springs, steel, car and carriage	57	3,459,422	1,727,252	428,159	389,783
317	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	99	8,692,888	4,284,347	974,250	658,639
318	Starch	80	4,929,155	2,747,655	324,011	1,377,668
319	Stationery goods, not elsewhere specified	200	5,372,309	1,908,612	207,740	350,350
320	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	217	17,017,364	5,853,791	977,000	1,423,441
321	Steam packing	34	538,564	150,582	7,200	7,700
322	Stencils and brands	106	445,165	261,060	16,100	13,200
323	Stereotyping and electrotyping. (See also Type founding.)	81	1,332,129	786,170	30,050	20,125
324	Straw goods, not elsewhere specified. (See also Hats and caps, not including wool hats.)	6	106,750	39,000	250	1,000
325	Sugar and molasses, refining	393	24,013,008	14,508,975	2,889,472	3,891,614
326	Surgical appliances. (See also Artificial limbs.)	155	856,396	278,906	34,775	40,725
327	Tar and turpentine. (See special report on Forest industries in Part III.)	670	4,062,375	2,590,113	1,670,378	----------
328	Taxidermy	63	293,112	56,309	22,100	23,550
329	Teasels	5	61,400	23,150	4,550	17,200
330	Timber products, not manufactured at mill. (See special report on Forest industries in Part III.)	1,606	61,541,086	37,823,089	30,894,979	----------
331	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	7,002	38,434,900	17,223,734	4,597,401	5,561,681
332	Tobacco, chewing, smoking, and snuff	395	30,841,316	7,526,380	1,463,852	3,204,161
333	Tobacco, cigars and cigarettes	10,956	59,517,827	10,193,759	3,323,453	4,077,496
334	Tobacco, stemming and rehandling	292	5,735,610	869,735	197,635	482,375
335	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	462	11,376,622	6,232,703	742,349	1,216,408
336	Toys and games	139	2,781,185	1,173,652	159,050	348,200
337	Trunks and valises. (See also Leather goods.)	395	6,906,756	1,854,899	634,355	668,950
338	Type founding. (See also Stereotyping and electrotyping.)	38	4,968,309	2,287,971	86,500	177,500
339	Typewriters and supplies	30	1,421,783	615,948	35,350	47,050
340	Umbrellas and canes	435	5,646,289	897,622	150,350	187,303
341	Upholstery materials. (See also Carpets and rugs, other than rag; Woolen goods; Worsted goods.)	152	4,427,654	1,441,558	343,629	467,290
342	Varnish. (See also Paints, and special report on Chemicals and allied products in Part III.)	140	11,308,943	2,703,849	743,525	1,083,116
343	Vault lights and ventilators. (See also Foundry and machine shop products.)	15	175,225	35,250	3,000	1,500
344	Vinegar and cider	694	5,858,395	3,685,561	880,388	1,188,302
345	Washing machines and clothes wringers	103	1,712,953	588,735	100,580	184,379
346	Watch and clock materials. (See also Clock cases and materials.)	32	661,784	361,250	55,500	56,109
347	Watch cases	45	4,727,100	1,495,991	127,850	404,500
348	Watch, clock, and jewelry repairing. (See also Jewelry.)	4,562	6,057,125	3,251,046	877,854	818,144
349	Watches	19	10,106,114	4,941,217	679,971	1,554,510
350	Whalebone and rattan. (See also Baskets and rattan and willow ware.)	9	221,358	12,575	----------	----------
351	Wheelbarrows	26	1,116,359	433,816	110,811	167,175
352	Whips	81	1,632,404	357,958	51,094	94,612
353	Windmills	77	2,463,231	716,106	134,723	225,416
354	Window shades	182	4,167,457	1,300,655	205,900	390,900
355	Wire	24	11,607,685	5,297,694	928,655	1,565,719
356	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	569	11,757,902	5,178,999	917,042	1,379,625

SPECIFIED INDUSTRIES: 1890—Continued.

CAPITAL—continued.			AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
Plant—Cont'd.			Aggregates.		Officers, firm members, and clerks.				
					Males above 16 years.		Females above 15 years.		
Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$559,553	$651,611	$147,992	743	$319,593	96	$96,160	.....	.....	287
2,251,409	7,894,156	1,117,670	13,333	8,558,026	2,353	2,067,893	43	$20,619	288
3,273,025	8,783,072	1,133,182	9,802	4,516,266	579	831,078	40	21,212	289
61,461	65,677	11,183	163	74,127	26	21,502	1	692	290
2,422,987	25,396,716	2,666,690	30,326	16,030,845	7,577	5,089,938	77	31,989	291
853,719	3,284,239	564,756	4,131	2,394,825	292	255,826	23	9,384	292
2,703,868	2,190,201	674,183	4,455	1,782,491	197	188,174	3	875	293
135,647	497,768	111,073	253	156,489	47	52,263	.....	.....	294
255,904	341,413	115,520	1,106	561,673	260	194,499	9	3,948	295
1,239,387	3,785,974	435,625	2,943	1,659,694	252	269,338	15	6,830	296
392,476	784,054	108,056	1,500	837,575	145	143,215	5	1,863	297
566,109	743,916	73,946	1,113	534,943	52	58,897	4	1,583	298
1,785,572	2,215,980	310,519	1,651	625,465	73	30,968	20	4,784	299
283,103	738,600	81,396	1,842	886,725	19	33,810	1	312	300
48,800	119,993	47,942	335	201,066	134	85,567	8	3,642	301
3,611,557	10,511,393	1,865,050	9,121	5,170,555	268	412,171	16	8,060	302
15,405,486	13,522,409	1,392,551	25,934	16,028,847	1,112	1,188,407	11	6,463	303
1,531,271	11,342,137	2,188,265	32,750	10,704,603	1,376	1,426,295	167	84,813	304
853,311	2,078,262	238,094	2,299	856,582	142	148,567	2	916	305
182,144	842,094	147,134	1,500	876,150	164	156,098	5	1,950	306
14,181,680	29,921,229	4,259,623	50,913	19,680,318	1,396	1,852,235	135	65,642	307
78,525	331,498	20,755	314	253,652	34	56,498	6	3,376	308
1,170,367	3,551,274	633,891	2,306	1,618,429	140	214,144	21	9,312	309
8,974,594	61,538,245	13,200,535	40,409	23,491,101	2,809	3,138,108	98	48,964	310
2,627,781	10,347,468	2,516,150	7,537	5,350,475	1,049	1,342,114	15	7,414	311
1,160,443	5,130,069	472,996	1,765	1,122,353	117	169,583	2	1,470	312
3,894,372	13,637,356	3,355,625	9,305	4,951,618	1,411	1,505,506	73	29,288	313
657,506	2,232,922	381,110	993	728,121	145	176,806	9	4,235	314
498,981	908,270	101,709	2,199	881,970	180	171,463	11	4,596	315
909,310	1,732,170	178,290	1,892	1,174,770	151	208,902	7	2,926	316
2,651,458	4,408,511	630,881	7,075	3,092,872	322	385,795	5	2,344	317
1,046,036	2,181,500	1,108,135	3,121	1,189,017	212	225,617	6	4,292	318
1,350,522	3,463,697	425,554	4,700	2,268,409	507	607,655	47	22,894	319
3,453,350	11,163,573	1,485,212	11,779	7,594,395	1,090	1,369,592	44	20,470	320
135,682	387,982	101,192	418	229,174	100	75,892	3	1,300	321
231,760	184,105	58,839	499	345,377	137	134,023	5	1,872	322
735,995	545,959	161,924	1,475	1,068,991	177	240,479	9	4,627	323
37,750	67,750	13,685	433	120,388	9	15,340	.....	.....	324
7,727,889	9,504,033	5,920,763	7,529	2,815,275	469	424,347	17	5,274	325
203,406	577,490	184,749	912	549,318	248	227,964	52	20,550	326
919,735	1,472,262	178,662	15,315	2,933,491	49	26,944	.....	.....	327
10,659	236,803	20,361	155	102,237	65	55,875	.....	.....	328
1,400	38,250	1,088	72	21,584	3	1,040	.....	.....	329
6,928,110	23,717,997	5,187,790	46,142	11,353,608	907	514,559	.....	.....	330
7,064,652	21,211,166	3,029,860	38,442	21,036,375	6,931	5,366,780	134	59,330	331
2,858,367	23,314,936	19,463,749	31,267	8,568,071	1,452	1,611,541	25	9,372	332
2,792,810	49,324,068	17,673,063	98,156	44,767,989	10,903	8,182,002	253	110,927	333
189,725	4,865,875	424,869	6,504	1,455,946	516	322,909	3	4,520	334
3,273,946	6,148,919	835,443	7,095	4,144,838	671	656,944	14	5,842	335
666,402	1,607,533	283,592	3,440	1,346,850	265	261,377	27	10,044	336
551,594	5,045,857	663,762	6,785	3,513,749	732	712,865	21	10,134	337
2,023,971	2,680,338	236,907	2,172	1,401,749	199	269,350	23	10,888	338
533,548	805,835	119,773	1,735	1,078,203	88	126,154	16	6,573	339
550,969	4,748,667	961,328	6,863	3,204,797	743	721,637	98	47,300	340
630,639	2,986,096	244,043	3,479	1,454,062	243	229,938	5	2,210	341
877,208	8,605,094	1,310,811	1,851	1,749,061	675	998,672	31	17,674	342
30,750	139,975	25,388	205	160,594	31	44,814	.....	.....	343
1,616,871	2,172,834	355,334	3,388	1,149,069	739	425,098	12	3,290	344
303,776	1,124,218	82,444	1,239	589,523	205	156,750	4	1,885	345
249,650	300,534	29,099	563	292,497	44	51,138	1	375	346
963,641	3,231,109	443,175	3,869	2,116,286	173	212,763	17	6,936	347
1,555,048	2,806,079	1,047,575	8,647	5,516,595	3,803	2,645,708	25	9,767	348
2,706,736	5,164,897	733,404	6,675	3,688,927	70	96,555	10	4,564	349
12,575	208,783	13,297	73	53,713	10	15,700	.....	.....	350
155,830	682,543	86,125	620	297,508	49	44,579	4	1,740	351
212,252	1,274,446	245,962	1,087	544,522	139	140,070	4	1,310	352
355,967	1,747,125	171,781	1,295	691,583	167	126,995	18	8,813	353
703,855	2,866,802	1,298,181	2,399	1,437,771	358	413,517	16	7,999	354
2,863,320	6,309,991	447,480	7,804	4,183,802	202	323,832	6	3,448	355
2,882,332	6,578,903	858,877	7,917	3,983,209	920	872,028	43	25,590	356

TABLE 4.—MANUFACTURES, BY

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—cont'd.			
		Operatives, skilled and unskilled.			
		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.
287	Rice, cleaning and polishing	627	$220,768	9	$1,323
288	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	10,644	6,390,445	27	5,602
289	Rubber and elastic goods	3,613	1,846,539	2,092	612,951
290	Rules, ivory and wood	82	36,869	15	3,207
291	Saddlery and harness	16,761	8,260,550	656	186,753
292	Safes and vaults	3,412	1,932,460	1	720
293	Salt. (See special report on Salt in Part III.)	3,598	1,397,591	75	18,735
294	Sand and emery paper and cloth	189	100,156	17	4,070
295	Sausage. (See also Slaughtering.)	811	356,607	21	5,862
296	Saws	2,110	1,301,686	7	1,978
297	Scales and balances	1,263	641,616	2	550
298	Screws, machine	811	390,936	68	8,978
299	Screws, wood	744	357,241	447	83,819
300	Sewing machine cases	1,092	564,510	8	3,500
301	Sewing machine repairing	176	106,455	15	4,752
302	Sewing machines and attachments	6,052	3,425,590	501	177,664
303	Shipbuilding. (See special report on Shipbuilding in Part III.)	23,499	14,212,969	7	2,272
304	Shirts. (See also Furnishing goods, men's.)	2,575	1,510,621	7,817	2,260,224
305	Shoddy. (See special report on Wool manufacture in Part III.)	1,243	532,238	405	95,724
306	Show cases	1,149	636,591	4	988
307	Silk and silk goods. (See special report on Silk manufacture in Part III.)	11,478	6,254,114	19,907	5,523,790
308	Silversmithing	257	187,260	13	5,856
309	Silverware. (See also Plated and britannia ware.)	1,941	1,302,637	130	39,887
310	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage, and Table 8.)	34,601	19,243,991	471	138,469
311	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage, and Table 8.)	6,130	3,735,117	3	796
312	Smelting and refining	1,639	950,000	1	300
313	Soap and candles. (See also Grease and tallow.)	5,981	2,982,056	972	238,784
314	Soda water apparatus	753	496,284	13	3,515
315	Sporting goods	906	444,502	462	109,694
316	Springs, steel, car and carriage	1,193	696,793		
317	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	3,342	1,723,743	857	190,209
318	Starch	2,283	827,475	310	61,161
319	Stationery goods, not elsewhere specified	1,865	990,336	1,560	404,784
320	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	9,100	5,341,049	115	42,808
321	Steam packing	268	138,834	29	8,038
322	Stencils and brands	314	196,787	14	5,602
323	Stereotyping and electrotyping. (See also Type founding.)	1,064	702,459	17	10,143
324	Straw goods, not elsewhere specified. (See also Hats and caps, not including wool hats.)	41	22,752	104	30,632
325	Sugar and molasses, refining	6,660	2,352,446	222	14,410
326	Surgical appliances. (See also Artificial limbs.)	342	219,127	197	59,664
327	Tar and turpentine. (See special report on Forest industries in Part III.)	14,488	2,818,631	16	925
328	Taxidermy	75	43,002	6	1,536
329	Teasels	42	13,337	10	3,120
330	Timber products, not manufactured at mill. (See special report on Forest industries in Part III.)	35,319	8,298,903	201	34,905
331	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	27,225	14,364,601	1,043	230,760
332	Tobacco, chewing, smoking, and snuff	11,274	3,030,623	6,550	1,265,960
333	Tobacco, cigars and cigarettes	20,515	9,585,024	8,527	2,327,476
334	Tobacco, stemming and rehandling	3,087	710,637	1,215	188,752
335	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	4,787	2,627,648	112	36,452
336	Toys and games	1,838	749,257	432	101,228
337	Trunks and valises. (See also Leather goods.)	3,631	1,824,420	229	58,522
338	Type founding. (See also Stereotyping and electrotyping.)	707	482,933	134	71,083
339	Typewriters and supplies	1,045	656,143	154	46,759
340	Umbrellas and canes	2,606	1,348,737	1,831	575,218
341	Upholstery materials. (See also Carpets and rugs, other than rag; Woolen goods; Worsted goods.)	1,829	778,629	554	168,778
342	Varnish. (See also Paints, and special report on Chemicals and allied products in Part III.)	1,108	721,837	17	4,888
343	Vault lights and ventilators. (See also Foundry and machine shop products.)	172	115,080	1	600
344	Vinegar and cider	2,432	706,555	145	9,140
345	Washing machines and clothes wringers	756	346,516	21	4,827
346	Watch and clock materials. (See also Clock cases and materials.)	371	197,902	111	29,834
347	Watch cases	2,224	1,347,071	508	150,952
348	Watch, clock, and jewelry repairing. (See also Jewelry.)	4,421	2,731,185	69	21,780
349	Watches	1,609	1,102,824	847	333,405
350	Whalebone and rattan. (See also Baskets and rattan and willow ware.)	48	31,935	21	6,078
351	Wheelbarrows	438	190,623		
352	Whips	530	261,669	156	44,738
353	Windmills	1,077	541,580	4	2,005
354	Window shades	1,523	805,563	315	105,581
355	Wire	7,363	3,717,636	43	12,952
356	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	4,585	2,209,385	439	122,535

SPECIFIED INDUSTRIES: 1890—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.								Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Operatives, skilled and unskilled—Continued.		Pieceworkers.								
Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
7	$714	3	$592			1	$36	$5,601,206	$6,693,196	287
163	18,046	159	54,986			4	435	14,712,379	29,412,813	288
279	56,896	896	456,113	2,264	$676,090	99	20,493	11,113,528	18,708,917	289
1	156	19	7,599	13	3,104	6	998	34,325	154,173	290
317	45,131	4,615	2,335,574	306	78,642	17	2,268	24,074,225	52,970,801	291
39	4,102	304	192,333					2,635,313	6,641,844	292
35	5,916	457	148,356	73	20,456	17	2,388	1,826,770	5,484,618	293
								781,505	1,219,647	294
4	565	1	252					1,935,176	3,055,367	295
159	26,494	352	240,731	39	9,362	9	3,275	2,346,401	5,572,992	296
12	2,246	72	47,055			1	130	867,955	2,322,744	297
2	70	176	74,479					331,701	1,183,341	298
49	7,201	79	35,906	239	55,456			900,676	2,326,645	299
154	28,460	565	255,133	3	1,000			996,439	2,249,551	300
1	130	1	520					86,816	385,941	301
241	71,998	1,997	1,059,202	35	12,920	11	2,860	3,502,173	12,823,147	302
174	26,344	1,129	592,142	2	256			16,925,169	40,342,115	303
128	17,513	2,862	1,047,458	17,746	4,348,166	79	9,513	15,704,353	33,638,593	304
13	2,760	9	2,012	460	72,825	25	1,606	6,603,635	7,887,000	305
64	14,136	112	66,203			2	184	1,077,345	2,569,557	306
2,666	407,321	6,124	3,695,417	9,667	2,446,275	206	35,524	51,004,425	87,298,454	307
4	662							204,237	621,567	308
12	2,119	62	56,330					2,129,344	5,813,737	309
645	119,689	1,266	655,135	516	146,289	3	156	366,933,662	433,252,315	310
42	8,887	288	253,647			16	2,566	113,968,549	128,359,353	311
3	460					3	600	25,285,191	28,188,826	312
461	69,415	144	48,331	210	68,801	53	9,467	28,687,412	43,600,285	313
11	2,375	53	41,074	9	3,832			1,016,202	2,711,879	314
112	21,768	138	66,363	300	63,584			1,119,800	2,709,449	315
22	4,362	507	260,405			12	1,382	2,219,468	4,331,571	316
469	71,211	1,574	585,684	527	136,623	39	3,266	5,229,888	10,475,271	317
94	10,166	24	13,305	168	44,261	18	2,866	5,153,677	8,934,517	318
186	25,573	218	162,698	406	114,245	7	824	5,268,761	9,292,617	319
112	23,395	1,245	776,605	73	20,476			16,628,314	23,147,434	320
16	2,654	8	3,656					357,819	1,003,372	321
14	2,301	5	2,920	10	1,872			167,590	732,611	322
66	11,464	102	70,011	50	20,808			500,744	2,183,909	323
2	442	75	15,006	202	36,222			134,945	329,987	324
100	4,286	37	11,866	14	2,052			167,758,811	123,118,259	325
23	3,776	13	0,463	36	11,684	1	156	524,488	1,650,033	326
1	50	543	72,761	125	9,419	93	4,761	2,874,693	8,077,379	327
4	689	4	916	1	225			37,727	231,773	328
3	936	14	3,151					50,362	84,766	329
11	2,191	9,678	2,498,638	19	3,108	7	1,364	11,006,678	34,289,807	330
948	152,504	1,856	785,505	242	62,978	63	13,917	31,217,522	66,653,746	331
2,735	225,897	3,668	952,199	4,614	774,640	1,549	97,839	29,192,249	65,843,587	332
2,260	283,342	38,937	19,281,741	15,687	4,847,289	1,134	150,188	56,298,966	129,693,275	333
413	49,685	717	105,296	420	64,807	127	9,280	12,813,108	16,269,761	334
88	15,842	1,340	772,777	70	27,066	13	2,267	3,517,269	16,528,025	335
141	21,422	373	121,258	272	67,219	92	15,045	1,453,738	3,749,755	336
125	19,422	1,924	857,196	72	21,264	51	9,932	4,703,982	10,821,621	337
40	7,372	538	340,431	471	216,577	60	9,115	1,434,092	3,916,904	338
2	254	427	241,270	3	1,056			632,723	3,639,126	339
130	23,624	353	146,660	1,093	347,615			7,562,921	13,771,927	340
72	10,680	339	169,945	338	78,645	99	15,237	3,013,253	5,733,639	341
8	1,354	8	3,760	2	468	2	468	7,805,663	13,795,516	342
1	166							185,529	455,413	343
30	1,291	26	3,083	16	612			3,268,455	6,649,300	344
21	3,379	182	69,573	4	660	46	5,993	1,354,556	2,489,175	345
11	2,098	17	9,750	5	1,000	3	400	314,674	787,310	346
23	3,645	720	352,590	202	41,848	2	481	5,622,455	8,618,479	347
110	18,212	211	88,383	2	1,566			2,225,888	10,704,477	348
20	5,400	2,326	1,472,241	1,793	673,935			995,740	6,651,066	349
								555,173	682,977	350
7	1,026	122	59,540					637,726	1,185,565	351
8	1,470	138	62,980	112	32,285			821,614	2,153,818	352
7	1,365	22	10,825					1,123,947	2,475,050	353
17	2,829	121	82,651	49	16,631			5,341,874	9,239,669	354
1	156	184	123,778	5	2,666			15,638,540	22,012,864	355
221	39,276	1,224	592,759	431	115,683	54	5,953	8,325,435	15,552,857	356

TABLE 4.—MANUFACTURES, BY

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.			
			Aggregate.	Plant.		
				Total.	Land.	Buildings.
357	Wood, preserving	4	$262,718	$241,000	$37,000	$18,000
358	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	872	7,825,668	3,930,607	637,509	906,628
359	Woodenware, not elsewhere specified	167	2,711,609	1,474,902	319,668	506,545
360	Wool hats. (See special report on Wool manufacture in Part III.)	32	4,142,224	1,194,389	144,350	381,105
361	Woolen goods. (See also Carpets and rugs, other than rag; Felt goods; Gloves and mittens; Hosiery and knit goods, and special report on Wool manufacture in Part III.)	1,311	130,989,940	57,820,243	6,534,819	19,332,575
362	Worsted goods. (See special report on Wool manufacture in Part III.)	143	68,085,116	27,890,810	2,842,769	7,962,865
363	Zinc	8	1,007,320	553,500	89,000	168,000
364	All other industries (*a*)	12	2,952,222	2,036,050	179,276	704,919

a Embraces fuel, artificial, 2; phonographs and graphophones, 2; racking hose 1; rubber, vulcanized, 1; sugar and molasses, beet, 2; thread, linen, 2; tinfoil, 2.

SPECIFIED INDUSTRIES: 1890—Continued.

CAPITAL—continued.		Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
Plant—Cont'd.			Aggregate.		Officers, firm members, and clerks.				
					Males above 16 years.		Females above 15 years.		
Machinery, tools, and implements.	Live assets.		Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$186,000	$21,718	$13,385	95	$42,009	15	$12,692	.....	.....	357
2,386,470	3,895,061	624,837	8,430	4,226,923	1,005	883,549	23	$9,821	358
648,689	1,236,707	200,961	3,101	1,237,334	211	182,411	9	4,510	359
668,934	2,947,835	249,568	3,592	1,363,944	89	112,664	3	1,304	360
31,952,849	73,169,697	8,402,623	79,351	28,478,931	2,355	2,310,323	81	29,414	361
17,085,176	40,194,306	4,917,760	43,593	15,880,183	587	923,838	28	11,379	362
305,500	453,820	76,723	1,082	653,096	30	38,270	.....	.....	363
1,151,855	916,172	219,518	1,748	622,080	43	59,848	6	2,600	364

TABLE 4.—MANUFACTURES, BY

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—cont'd.			
		Operatives, skilled and unskilled.			
		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.
357	Wood, preserving	80	$29,317		
358	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	6,425	3,050,088	173	$32,372
359	Woodenware, not elsewhere specified	1,969	772,335	14	3,436
360	Wool hats. (See special report on Wool manufacture in Part III.)	1,559	619,606	523	118,547
361	Woolen goods. (See also Carpets and rugs, other than rag; Felt goods; Gloves and mittens; Hosiery and knit goods, and special report on Wool manufacture in Part III.)	40,350	16,307,265	25,672	7,120,875
362	Worsted goods. (See special report on Wool manufacture in Part III.)	17,962	7,898,033	17,727	5,089,269
363	Zinc	1,047	613,926		
364	All other industries	695	352,476	718	159,404

SPECIFIED INDUSTRIES: 1890—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.								Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Operatives, skilled and unskilled—Continued.		Pieceworkers.								
Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
227	$33,847	449	$200,643	117	$15,116	11	$1,487	$50,697	$143,475	357
								3,947,227	10,939,647	358
81	11,415	638	242,607	117	15,966	62	4,654	1,498,773	3,597,602	359
150	16,948	661	360,424	598	133,114	9	1,337	2,802,041	5,329,921	360
4,367	668,963	1,780	752,058	4,487	1,250,399	259	39,634	82,270,335	133,577,977	361
3,791	631,174	1,109	532,592	2,355	788,448	34	5,450	50,706,769	79,194,652	362
3	700	2	200					2,005,682	2,976,730	363
38	4,940	40	4,616	208	38,196			1,773,808	3,142,145	364

TABLE 5.

SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890.

TABLE 5.—SPECIFIED INDUSTRIES,

["Live assets" include raw materials, stock in process, and finished products on hand; cash, and bills and accounts receivable. "Miscellaneous expenses" include in the business, and all sundries not elsewhere reported. "Cost of materials

1.—AGRICULTURAL IMPLEMENTS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	910	$145,313,997	$31,811,412	$6,246,748	$13,671,576	$11,893,088	$113,502,585	$11,129,548	42,544	$21,811,761	3,529	$3,615,117
2	Alabama	3	14,475	8,250	1,800	2,100	4,350	6,225	362	14	7,748	2	1,500
3	California	35	2,072,297	841,365	172,669	300,363	368,333	1,230,932	97,958	689	555,016	66	84,303
4	Connecticut	9	790,621	370,378	76,850	191,350	102,178	420,243	10,555	356	170,321	43	27,550
5	Georgia	11	498,650	258,160	58,280	82,930	116,950	240,470	33,021	467	174,811	32	34,443
6	Illinois	100	48,639,383	8,136,535	1,879,848	3,408,373	2,848,314	40,502,848	3,592,439	10,417	5,457,716	860	822,193
7	Indiana	54	6,842,456	1,474,179	263,566	599,805	610,808	5,368,277	629,381	3,394	1,765,637	307	320,875
8	Iowa	34	2,181,101	397,026	99,955	108,050	189,021	1,784,075	162,182	893	419,249	103	100,796
9	Kansas	7	91,400	37,100	7,800	10,500	18,800	54,300	5,331	71	31,748	19	11,973
10	Kentucky	5	1,444,685	491,475	147,050	169,250	175,175	953,210	110,449	760	357,182	61	60,344
11	Maine	17	439,267	201,390	38,305	77,365	85,729	237,868	20,669	217	118,048	29	20,011
12	Maryland	11	322,940	127,350	31,325	38,375	57,650	195,590	58,146	177	78,271	13	9,138
13	Massachusetts	17	1,517,750	568,350	77,050	349,725	141,575	1,249,400	81,876	787	448,927	52	66,263
14	Michigan	65	6,944,005	1,460,639	234,603	604,521	621,515	5,483,366	547,244	1,847	992,708	249	227,687
15	Minnesota	23	5,136,542	1,065,002	347,560	307,152	410,290	4,071,540	410,379	602	363,080	78	104,656
16	Mississippi	3	33,980	16,600	5,100	4,000	7,500	17,380	705	26	9,950	5	3,010
17	Missouri	21	977,828	352,835	97,615	68,325	186,895	624,993	88,564	713	415,849	57	67,041
18	Nebraska	6	55,625	25,700	4,000	9,500	12,200	29,925	2,004	30	7,339	3	712
19	New Hampshire	12	145,790	70,650	7,850	23,900	38,900	75,140	5,250	108	44,978	12	7,829
20	New Jersey	20	270,512	121,537	29,800	43,430	48,307	148,975	15,291	142	66,335	17	11,998
21	New York	116	19,924,731	3,227,462	569,225	1,395,486	1,262,751	16,697,269	2,263,080	6,038	3,179,511	405	447,512
22	North Carolina	14	132,297	60,330	8,725	25,280	26,325	71,967	3,768	97	35,335	11	6,854
23	Ohio	106	29,399,930	7,161,247	1,012,479	3,887,793	2,260,975	22,238,683	2,008,481	8,326	4,052,712	572	658,947
24	Oregon	3	8,027	3,710	280	1,630	1,800	4,317	403	4	2,830	2	1,560
25	Pennsylvania	94	4,457,464	1,981,563	438,355	779,682	763,516	2,475,911	262,430	1,895	838,490	156	117,176
26	South Carolina	4	38,210	25,000	4,350	11,250	9,400	13,210	385	39	11,226	2	1,600
27	South Dakota	3	13,050	6,500	1,175	2,825	2,500	6,550	532	12	3,551	3	351
28	Tennessee	12	383,189	192,775	61,350	84,400	47,025	190,414	20,740	258	121,866	22	19,556
29	Texas	11	207,987	105,416	22,405	43,175	39,836	102,571	13,159	260	90,838	9	5,580
30	Vermont	19	645,686	199,600	42,300	68,300	89,000	446,086	28,041	352	180,186	39	37,826
31	Virginia	19	684,454	226,529	43,700	65,500	117,329	457,925	35,183	489	243,023	47	46,970
32	Wisconsin	51	10,611,185	2,569,460	450,828	899,891	1,218,741	8,041,725	617,242	3,031	1,480,673	251	284,334
33	All other states (a)	5	88,500	27,300	10,550	7,350	9,400	61,200	3,697	33	17,607	5	4,524

a Includes establishments distributed as follows: Rhode Island, 1; Washington, 2; West Virginia, 2.

2.—AMMUNITION.

1	The United States...	35	4,368,529	2,398,483	453,045	1,046,593	898,845	1,970,046	292,856	2,267	1,110,482	104	137,121
2	California	6	166,640	70,492	15,328	10,381	44,783	86,148	1,891	71	39,036	8	10,319
3	Connecticut	4	1,438,820	632,269	106,220	202,956	323,093	806,551	205,505	1,408	711,506	25	43,100
4	Missouri	3	407,155	214,743	93,597	95,146	26,000	192,412	19,222	47	37,000	13	14,500
5	Ohio	4	166,300	75,100	12,200	7,000	55,900	91,200	6,660	40	22,991	8	7,750
6	Pennsylvania	6	1,422,245	1,041,887	191,700	609,110	241,077	380,358	24,143	325	139,075	23	28,079
7	All other states (a)	12	777,369	363,992	34,000	122,000	207,992	413,377	35,435	307	160,274	27	33,373

a Includes establishments distributed as follows: Illinois, 2; Louisiana, 1; Maryland, 1; Massachusetts, 2; Michigan, 2; Nebraska, 1; New Jersey, 1; New York, 1; Texas, 1.

3.—ARTIFICIAL FEATHERS AND FLOWERS. (See also Millinery and lace goods.)

1	The United States...	251	3,081,828	391,734	105,900	60,000	225,834	2,690,094	320,446	6,835	2,681,185	405	518,265
2	California	6	3,632	1,327	.....	.....	1,327	2,305	1,685	12	5,743	3	1,947
3	Illinois	6	60,950	5,950	.....	.....	5,950	55,000	5,031	86	40,174	8	9,850
4	Louisiana	7	7,970	2,570	.....	.....	2,570	5,400	2,366	20	7,362	3	2,280
5	Maryland	3	2,145	785	300	400	85	1,360	438	6	2,650	.....	.....
6	Massachusetts	5	9,844	575	.....	.....	575	9,269	5,054	28	9,882	8	4,132
7	New Jersey	4	28,062	9,450	2,500	5,000	1,950	18,612	2,935	113	16,260	4	2,250
8	New York	179	2,665,538	294,937	73,100	42,400	179,437	2,370,601	275,569	5,759	2,366,348	355	477,363
9	Ohio	4	1,245	575	.....	.....	575	670	860	14	3,620	1	624
10	Pennsylvania	27	252,247	65,815	30,000	12,200	23,615	196,432	17,374	658	192,364	21	17,530
11	All other states and territories. (a)	10	40,195	9,750	.....	.....	9,750	30,445	9,134	139	36,782	2	2,284

a Includes establishments distributed as follows: Colorado, 1; District of Columbia, 1; Kentucky, 2; Michigan, 1; Missouri, 2; Rhode Island, 1; Wisconsin, 2.

BY STATES AND TERRITORIES: 1890.

rent for tenancy; taxes (including internal revenue); insurance; repairs, ordinary, of buildings and machinery; amount paid contractors; interest paid on cash used used" also includes fuel, rent of power and heat, and mill supplies.]

1.—AGRICULTURAL IMPLEMENTS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.															
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
188	$89,550	30,435	$13,907,522	84	$18,642	204	$31,241	7,892	$4,091,128	204	$56,911	8	$1,650	$31,603,265	$81,271,651	1
		12	6,248											5,368	16,218	2
4	1,764	598	456,710					21	12,234					575,776	1,617,484	3
		281	126,095					32	16,676					194,779	459,335	4
		400	123,458			11	660	24	16,250					425,985	793,825	5
55	26,952	7,406	3,680,556	24	7,016	45	6,045	1,827	858,954	200	56,000			16,102,508	24,609,660	6
9	3,346	2,042	927,770	28	5,718	73	11,569	935	496,359					2,306,390	5,756,131	7
6	2,200	782	313,053					4	3,100	1	100			586,713	1,570,872	8
		36	16,125					12	2,850			4	800	47,605	101,084	9
		500	194,038					199	102,800					540,965	1,265,799	10
1	200	124	56,967	1	416			62	40,454					108,479	310,822	11
		146	61,105			1	72	17	7,956					48,998	216,457	12
		448	219,899			2	182	285	162,583					664,235	1,470,085	13
13	5,681	1,314	631,678	2	745			269	126,917					1,647,579	3,955,306	14
7	4,112	507	249,971					10	4,341					418,619	1,622,951	15
		21	6,940											9,640	26,474	16
7	3,440	597	318,917			26	6,501	26	19,950					522,130	1,309,669	17
		23	6,102			1	75	3	450					6,610	18,292	18
		83	32,259					13	4,890					40,939	109,614	19
		121	53,557			3	280	1	500					83,416	200,282	20
13	5,461	3,737	1,639,180	3	356	4	620	1,876	1,086,382					3,743,157	11,680,842	21
		81	27,529			1	152	4	800					42,371	105,875	22
53	25,290	6,413	2,702,755	8	1,900	7	968	1,269	662,002			4	850	5,654,360	14,333,258	23
		2	1,270											2,167	6,239	24
1	300	1,554	672,565	2	430	1	75	181	107,944					1,043,263	2,682,718	25
		37	9,626											19,567	35,485	26
		9	3,200											3,045	9,400	27
1	400	183	86,710			6	720	46	14,480					118,625	328,856	28
		249	84,298					2	960					116,844	307,795	29
2	758	254	119,439			4	880	50	20,472	3	811			273,204	593,648	30
1	2,000	389	171,489					52	22,564					295,776	691,210	31
15	7,646	2,060	895,530	16	2,061	19	2,442	670	297,660					1,928,182	5,015,512	32
		26	12,483					2	600					25,970	50,453	33

2.—AMMUNITION.

5	3,410	1,371	774,259	616	167,747	9	1,701	10	3,500	138	21,394	14	1,350	2,759,782	6,538,959	1
		58	27,757	5	1,560									160,313	234,605	2
		964	543,806	455	116,400	2	500	10	3,500	12	4,200			820,252	3,838,774	3
		34	22,500											517,085	685,190	4
1	750	29	12,275	11	2,216									341,839	439,500	5
2	1,800	114	77,016	46	13,636					126	17,194	14	1,350	168,661	302,478	6
2	800	172	90,905	93	33,935	7	1,201							751,632	1,038,412	7

3.—ARTIFICIAL FEATHERS AND FLOWERS. (See also Millinery and lace goods.)

73	37,014	642	318,906	2,949	934,474	47	6,242	337	108,500	2,370	756,684	12	1,100	4,645,850	9,078,683	1
2	904			6	2,632					1	260			2,328	12,127	2
		12	0,368	27	8,180			30	12,500	9	3,276			102,290	179,250	3
6	2,426	2	492	9	2,154									4,387	18,906	4
4	2,350			2	300									1,248	5,200	5
		1	500	17	4,925	2	325							17,668	45,865	6
		4	1,020	3	750	3	440	22	4,200	65	6,500	12	1,100	11,855	45,760	7
36	20,506	579	284,436	2,396	788,305	19	2,540	285	91,800	2,089	701,393			4,185,538	8,043,216	8
3	730			10	2,266									1,485	6,700	9
12	5,644	38	22,346	423	112,467	22	2,677			142	31,700			290,856	629,485	10
16	4,444	6	3,744	56	12,495	1	260			64	13,555			28,195	92,174	11

TABLE 5.—SPECIFIED INDUSTRIES, BY

4.—ARTIFICIAL LIMBS. (See also Surgical appliances.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	59	$186,896	$84,385	$13,110	$8,150	$63,125	$102,511	$40,170	250	$189,370	84	$85,472
2	Illinois	5	4,326	1,500			1,500	2,826	2,424	11	12,276	6	6,680
3	Massachusetts	4	13,275	8,250	2,100	4,100	2,050	5,025	1,301	10	5,165	5	3,390
4	Michigan	3	13,650	6,500			6,500	7,150	4,025	23	12,742	5	3,390
5	Minnesota	3	4,000	700			700	3,300	1,364	9	7,030	5	3,720
6	Missouri	5	4,950	2,150			2,150	2,800	3,033	10	8,187	7	6,782
7	New York	10	66,650	25,200			25,200	41,450	11,673	91	75,312	21	28,150
8	Ohio	5	21,750	4,600			4,600	17,150	6,533	26	21,926	9	10,840
9	Pennsylvania	7	16,960	8,085	10	50	8,025	8,875	4,416	25	19,236	11	9,650
10	All other states and territories. (a)	17	41,335	27,400	11,000	4,000	12,400	13,935	5,401	45	27,496	15	12,870

a Includes establishments distributed as follows: California, 2; District of Columbia, 2; Indiana, 2; Iowa, 1; Kansas, 2; Kentucky, 1; Louisiana, 2; Maryland, 1; New Hampshire, 1; Tennessee, 1; Wisconsin, 2.

5.—ARTISTS' MATERIALS.

1	The United States...	39	361,460	119,095	27,125	27,510	64,460	242,365	45,400	306	165,341	58	59,789
2	Massachusetts	3	57,144	5,500	400	600	4,500	51,644	8,738	94	38,118	7	8,430
3	New Jersey	3	16,560	9,300	700	1,400	7,200	7,260	885	12	6,450	6	4,370
4	New York	15	131,250	20,485			20,485	110,765	20,957	96	62,361	24	26,480
5	Pennsylvania	9	84,635	37,300	10,000	7,000	20,300	47,335	7,073	54	30,970	9	10,320
6	All other states (a)	9	71,871	46,510	16,025	18,510	11,975	25,361	7,147	50	27,442	12	10,189

a Includes establishments distributed as follows: California, 2; Illinois, 2; Indiana, 1; Maryland, 1; Missouri, 1; Ohio, 1; Wisconsin, 1.

6.—AWNINGS, TENTS, AND SAILS.

1	The United States...	581	3,063,009	422,538	93,560	78,400	250,578	2,640,471	325,853	3,872	2,208,235	720	619,038
2	Alabama	5	3,400	1,250			1,250	2,150	1,011	9	3,076	1	780
3	California	15	63,630	7,215			7,215	56,415	8,576	88	82,616	10	8,000
4	Colorado	3	43,780	6,080			6,080	37,700	4,237	50	32,686	5	7,115
5	Connecticut	16	60,716	22,761	12,000	8,000	2,761	37,955	3,654	65	33,092	12	9,605
6	District of Columbia	4	25,500	14,450	7,600	4,900	1,950	11,050	758	44	18,920	5	3,320
7	Illinois	24	258,163	19,905			19,905	238,258	27,401	312	170,696	36	32,372
8	Indiana	4	9,764	3,490	1,000	1,500	990	6,274	3,100	21	9,200	6	4,814
9	Iowa	5	13,295	2,800			2,800	10,495	2,063	20	8,670	3	2,526
10	Kentucky	10	10,800	2,635			2,635	8,165	2,701	40	18,188	10	7,460
11	Louisiana	4	20,610	1,850			1,850	18,760	2,461	33	26,692	8	10,972
12	Maine	32	80,817	15,389	2,775	6,225	6,389	65,428	5,187	119	59,721	24	15,954
13	Maryland	23	111,690	4,750			4,750	106,940	8,226	140	85,776	24	19,244
14	Massachusetts	68	261,010	21,910	2,150	1,950	17,810	239,100	30,072	349	221,659	72	54,049
15	Michigan	14	73,423	16,897	4,900	8,600	3,397	56,526	7,116	101	45,069	19	12,231
16	Minnesota	8	60,020	15,550	10,000	2,000	3,550	44,470	6,140	66	35,904	14	13,324
17	Missouri	21	352,980	27,649			27,649	325,331	62,018	380	143,371	54	46,067
18	Nebraska	3	11,050	1,700			1,700	9,350	1,962	24	10,586	3	2,810
19	New Hampshire	3	6,865	415			415	6,450	538	6	4,007	1	1,200
20	New Jersey	16	17,540	3,570	75	325	3,170	13,970	4,518	69	34,606	23	16,967
21	New York	146	642,994	116,500	29,500	23,800	63,200	526,494	72,864	1,050	696,642	207	204,030
22	Ohio	33	143,971	36,975	10,860	12,800	13,315	106,996	18,080	299	126,537	52	40,983
23	Oregon	3	455,623	22,060			22,060	433,563	17,192	66	48,780	12	17,360
24	Pennsylvania	67	185,454	20,125	2,000	1,500	16,625	165,329	16,997	256	158,728	50	41,024
25	Rhode Island	5	28,976	2,566			2,566	26,410	2,872	41	29,018	8	9,740
26	Texas	6	22,658	14,675	6,000	6,000	2,675	7,983	1,693	27	13,916	3	3,235
27	Utah	4	19,250	4,400	3,000	200	1,200	14,850	3,088	14	5,638	3	1,854
28	Virginia	7	4,562	495			495	4,067	830	25	14,482	8	4,328
29	Washington	3	14,497	2,400			2,400	12,097	3,342	24	17,264	6	7,080
30	Wisconsin	13	24,461	5,626	1,700	600	3,326	18,835	3,091	62	25,750	13	8,193
31	All other states (a)	16	35,510	6,450			6,450	29,060	4,065	66	26,945	19	11,501

a Includes establishments distributed as follows: Arkansas, 1; Delaware, 1; Georgia, 1; Kansas, 2; Montana, 1; North Carolina, 1; North Dakota, 1; South Carolina, 2; Tennessee, 2; Vermont, 2; West Virginia, 2.

STATES AND TERRITORIES: 1890—Continued.

4.—ARTIFICIAL LIMBS. (See also Surgical appliances.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
4	$1,460	144	$97,689	3	$1,300	7	$1,124	7	$2,125	1	$200	.....	.....	$93,795	$475,977	1
.....	.....	5	5,596	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,450	26,900	2
.....	.....	2	1,350	.....	.....	.....	.....	3	425	.....	.....	.....	.....	2,353	15,550	3
.....	.....	17	9,152	.....	.....	1	200	.....	.....	.....	.....	.....	.....	3,020	24,225	4
.....	.....	4	3,310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,230	16,200	5
.....	.....	3	1,405	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,070	21,680	6
2	750	64	44,912	2	1,200	2	300	.....	.....	.....	.....	.....	.....	50,114	215,125	7
1	450	14	10,312	.....	.....	2	324	.....	.....	.....	.....	.....	.....	8,050	64,000	8
.....	.....	13	9,086	.....	.....	.....	.....	1	500	.....	.....	.....	.....	7,131	35,350	9
1	260	22	12,566	1	100	2	300	3	1,200	1	200	.....	.....	10,377	56,947	10

5.—ARTISTS' MATERIALS.

6	3,356	124	66,842	21	7,724	8	1,100	86	26,184	2	250	1	$96	190,850	531,785	1
.....	.....	7	5,654	.....	.....	.....	.....	80	24,034	.....	.....	.....	.....	32,949	98,008	2
.....	.....	4	1,880	.....	.....	2	200	.....	.....	.....	.....	.....	.....	4,165	12,400	3
.....	.....	60	31,781	5	1,900	.....	.....	5	1,950	2	250	.....	.....	71,228	190,100	4
3	1,428	31	16,318	10	2,704	.....	.....	1	200	.....	.....	.....	.....	48,598	142,537	5
3	1,928	22	11,209	6	3,120	6	900	.....	.....	.....	.....	1	96	33,910	88,740	6

6.—AWNINGS, TENTS, AND SAILS.

17	7,468	1,894	1,242,534	958	269,954	21	3,339	85	30,032	175	35,670	2	200	4,150,180	7,829,003	1
.....	.....	6	1,896	1	300	.....	.....	1	100	.....	.....	.....	.....	4,338	15,500	2
.....	.....	71	72,590	4	1,502	1	208	.....	.....	2	316	.....	.....	121,760	255,642	3
1	300	13	9,388	31	15,883	.....	.....	.....	.....	.....	.....	.....	.....	80,758	141,471	4
.....	.....	34	19,490	17	3,922	.....	.....	.....	.....	2	75	.....	.....	44,171	89,760	5
.....	.....	18	10,280	21	5,320	.....	.....	.....	.....	.....	.....	.....	.....	21,418	47,100	6
.....	.....	137	87,684	96	31,514	2	286	10	7,800	31	11,040	.....	.....	430,409	757,186	7
.....	.....	5	2,720	10	1,666	.....	.....	.....	.....	.....	.....	.....	.....	11,457	29,545	8
2	1,104	8	3,230	7	1,750	.....	.....	.....	.....	.....	.....	.....	.....	16,166	30,138	9
.....	.....	12	6,062	14	3,466	.....	.....	4	1,200	.....	.....	.....	.....	27,120	58,950	10
.....	.....	25	15,720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41,640	85,500	11
.....	.....	89	42,136	5	1,580	1	51	.....	.....	.....	.....	.....	.....	144,382	235,560	12
.....	.....	91	61,926	18	3,236	.....	.....	1	600	6	770	.....	.....	149,409	281,412	13
3	1,196	198	141,006	67	22,093	.....	.....	4	2,079	5	1,236	.....	.....	363,104	727,707	14
2	282	45	25,244	32	6,938	3	374	.....	.....	.....	.....	.....	.....	83,169	165,440	15
.....	.....	25	16,166	27	6,414	.....	.....	.....	.....	.....	.....	.....	.....	55,774	116,990	16
2	1,000	93	47,397	111	23,994	5	950	22	6,839	98	16,994	1	130	429,795	734,871	17
.....	.....	7	3,914	13	3,792	.....	.....	.....	.....	.....	.....	1	70	15,710	30,965	18
.....	.....	4	2,507	1	300	.....	.....	.....	.....	.....	.....	.....	.....	6,736	12,875	19
.....	.....	23	11,506	23	6,133	.....	.....	.....	.....	.....	.....	.....	.....	40,790	88,199	20
4	1,636	573	409,228	227	72,094	.....	.....	27	7,784	12	1,870	.....	.....	946,791	2,005,836	21
.....	.....	110	57,681	124	25,827	4	546	1	100	8	1,400	.....	.....	235,700	464,479	22
1	840	34	20,980	19	9,600	.....	.....	.....	.....	.....	.....	.....	.....	369,085	458,058	23
.....	.....	158	108,145	21	4,822	2	312	14	3,480	2	45	.....	.....	254,611	516,475	24
.....	.....	22	15,930	11	3,348	.....	.....	.....	.....	.....	.....	.....	.....	34,166	72,210	25
1	1,040	10	6,125	9	2,516	.....	.....	.....	.....	4	1,000	.....	.....	34,599	52,437	26
.....	.....	4	2,060	4	1,224	1	150	1	50	1	300	.....	.....	15,885	32,600	27
.....	.....	16	10,034	1	120	.....	.....	.....	.....	.....	.....	.....	.....	24,654	52,221	28
.....	.....	8	6,080	10	4,104	.....	.....	.....	.....	.....	.....	.....	.....	51,684	89,500	29
.....	.....	28	13,865	21	3,692	.....	.....	.....	.....	.....	.....	.....	.....	29,789	69,094	30
1	70	27	11,484	13	2,804	2	462	.....	.....	4	624	.....	.....	65,170	111,282	31

TABLE 5.—SPECIFIED INDUSTRIES, BY

7.—AXLE GREASE.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	31	$451,222	$195,217	$71,000	$63,600	$60,617	$256,011	$50,158	194	$135,109	68	$73,467
2	California	3	50,550	29,300	10,000	12,000	7,300	21,250	1,926	19	9,030	3	3,000
3	Illinois	6	200,849	104,949	47,000	34,000	23,949	95,900	18,401	72	53,353	28	32,078
4	New York	8	91,955	16,790	3,000	2,500	11,290	75,165	7,764	32	28,717	16	18,439
5	Ohio	3	13,775	600	----	----	600	13,175	1,202	14	8,074	6	4,850
6	Pennsylvania	5	21,280	11,700	5,000	3,300	3,400	9,580	1,100	14	7,088	5	3,120
7	All other states (a)	6	72,819	31,878	6,000	11,800	14,078	40,941	19,675	43	28,847	10	11,980

a Includes establishments distributed as follows: Minnesota, 1; Missouri, 2; New Hampshire, 1; New Jersey, 1; Texas, 1.

8.—BABBITT METAL AND SOLDER.

1	The United States...	36	954,654	256,475	101,550	88,350	66,575	698,179	49,866	261	188,229	86	102,680
2	Illinois	3	23,690	7,300	----	----	7,300	16,390	2,996	15	9,578	4	4,040
3	Missouri	6	343,900	68,300	28,000	19,000	21,300	275,600	20,142	80	60,878	25	37,420
4	New York	4	64,160	7,500	1,550	2,650	3,300	56,660	1,643	19	17,592	9	9,398
5	Pennsylvania	9	247,195	50,950	27,000	13,500	10,450	196,245	10,058	55	41,508	16	19,552
6	All other states (a)	14	275,709	122,425	45,000	53,200	24,225	153,284	15,027	92	58,673	32	32,270

a Includes establishments distributed as follows: Alabama, 1; California, 1; Maine, 1; Maryland, 2; Massachusetts, 2; Michigan, 1; Minnesota, 1; New Jersey, 2; Ohio, 1; Oregon, 1; Wisconsin, 1.

9.—BAGGING, FLAX, HEMP, AND JUTE.

1	The United States...	16	3,332,102	1,964,200	202,800	462,400	1,299,000	1,367,902	122,272	3,149	905,213	42	56,831
2	Indiana	3	330,687	194,000	7,000	25,000	162,000	136,687	5,804	372	103,583	7	6,681
3	All other states (a)	13	3,001,415	1,770,200	195,800	437,400	1,137,000	1,231,215	116,468	2,777	801,630	35	50,150

a Includes establishments distributed as follows: Alabama, 1; Connecticut, 1; Georgia, 1; Kentucky, 1; Louisiana, 1; Massachusetts, 1; Missouri, 2; New Jersey, 1; New York, 1; North Carolina, 1; South Carolina, 1; Texas, 1.

10.—BAGS, OTHER THAN PAPER.

1	The United States...	64	6,015,685	1,740,190	264,700	455,400	1,020,090	4,275,495	346,889	3,769	1,462,011	225	253,414
2	California	7	475,629	244,473	50,000	30,000	164,473	231,156	35,356	482	188,612	6	12,636
3	Illinois	4	280,493	45,318	----	----	45,318	235,175	15,395	130	58,842	13	14,540
4	Iowa	3	69,985	24,350	1,700	5,400	17,250	45,635	1,724	39	15,378	5	4,900
5	Louisiana	3	201,500	13,500	4,500	3,500	5,500	188,000	9,755	95	38,904	6	6,800
6	Massachusetts	4	49,112	12,265	1,000	1,000	10,265	36,847	5,455	43	19,187	7	6,840
7	New York	17	635,641	161,620	11,000	40,000	110,620	474,021	49,458	611	246,487	53	62,912
8	Ohio	5	118,250	33,150	----	----	33,150	85,100	7,721	131	58,660	12	13,780
9	Pennsylvania	5	1,389,450	641,250	60,000	200,000	381,250	748,200	82,403	684	221,260	47	26,220
10	All other states and territories. (a)	16	2,795,625	564,264	136,500	175,500	252,264	2,231,361	139,622	1,554	614,681	76	104,786

a Includes establishments distributed as follows: District of Columbia, 1; Kansas, 1; Maryland, 2; Minnesota, 2; Mississippi, 1; Missouri, 2; Nebraska, 1; North Carolina, 1; South Carolina 2; Virginia, 2; Wisconsin, 1.

11.—BAGS, PAPER.

1	The United States...	56	2,321,797	879,460	71,239	112,850	695,371	1,442,337	216,584	1,382	680,092	172	174,610
2	Missouri	3	174,425	6,525	189	150	6,186	167,900	14,535	76	39,314	5	5,800
3	New Jersey	4	88,300	63,150	----	----	63,150	25,150	4,643	36	15,622	4	2,672
4	New York	19	422,098	193,226	5,000	15,000	173,226	228,872	25,482	330	125,500	36	30,010
5	Ohio	8	346,766	125,166	6,000	14,000	105,166	221,600	68,158	254	112,435	32	43,170
6	Pennsylvania	13	365,269	188,703	29,000	50,000	109,703	176,566	22,700	247	104,779	34	31,524
7	All other states (a)	9	924,939	302,690	31,050	33,700	237,940	622,249	81,066	439	182,442	61	61,434

a Includes establishments distributed as follows: California, 1; Connecticut, 1; Georgia, 2; Illinois, 2; Maryland, 2; Michigan, 1.

STATES AND TERRITORIES: 1890—Continued.

7.—AXLE GREASE.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	113	$58,752	9	$2,090	4	$800	.....	.....	.....	.....	.....	.....	$401,897	$846,459	1
.....	.....	14	5,900	2	130	.....	.....	.....	.....	.....	.....	.....	.....	23,398	57,620	2
.....	.....	36	19,295	4	1,180	4	800	.....	.....	.....	.....	.....	.....	175,238	362,500	3
.....	.....	16	10,278	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50,992	110,550	4
.....	.....	7	2,964	1	260	.....	.....	.....	.....	.....	.....	.....	.....	46,935	70,800	5
.....	.....	9	3,968	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29,891	43,914	6
.....	.....	31	16,347	2	520	.....	.....	.....	.....	.....	.....	.....	.....	75,443	201,075	7

8.—BABBITT METAL AND SOLDER.

2	$1,266	169	83,207	3	940	.....	.....	1	$136	.....	.....	.....	.....	2,385,894	2,905,102	1
1	546	10	4,992	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43,174	69,680	2
1	720	53	22,538	1	200	.....	.....	.....	.....	.....	.....	.....	.....	974,389	1,131,650	3
.....	.....	10	8,194	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	171,560	224,277	4
.....	.....	39	21,956	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	605,690	740,309	5
.....	.....	57	25,527	2	740	.....	.....	1	136	.....	.....	.....	.....	591,081	739,186	6

9.—BAGGING, FLAX, HEMP, AND JUTE.

.....	.....	1,485	485,443	1,416	316,409	133	20,378	.....	.....	73	$26,152	.....	.....	2,520,995	3,852,440	1
.....	.....	147	52,850	173	38,202	45	5,850	.....	.....	.....	.....	.....	.....	313,126	497,653	2
.....	.....	1,338	432,593	1,243	278,207	88	14,528	.....	.....	73	26,152	.....	.....	2,207,869	3,354,787	3

10.—BAGS, OTHER THAN PAPER.

18	7,140	1,015	524,045	1,168	311,072	55	9,998	392	148,415	690	174,961	206	$32,966	12,657,270	16,355,365	1
.....	.....	115	80,726	17	7,250	17	3,600	104	38,920	142	34,230	81	11,250	844,349	1,133,250	2
2	1,040	34	19,856	81	23,406	.....	.....	.....	.....	.....	.....	.....	.....	671,990	825,006	3
.....	.....	9	3,930	7	1,812	3	450	2	1,200	11	2,786	2	300	211,830	251,155	4
.....	.....	23	11,002	42	16,952	7	1,050	.....	.....	10	2,000	7	1,100	579,175	669,945	5
1	364	13	7,745	17	3,195	.....	.....	5	1,043	.....	.....	.....	.....	114,021	157,144	6
5	2,184	139	76,743	178	45,247	4	624	43	9,412	123	32,049	66	17,316	2,191,325	2,694,370	7
.....	.....	58	27,565	19	5,300	.....	.....	6	4,500	36	7,515	.....	.....	327,115	531,000	8
4	1,352	260	99,220	266	68,646	.....	.....	45	9,360	62	16,462	.....	.....	2,303,950	3,241,280	9
6	2,200	364	197,258	541	139,264	24	4,274	187	83,980	306	79,919	50	3,000	5,413,515	6,852,215	10

11.—BAGS, PAPER.

10	5,768	506	230,918	536	130,403	11	1,896	30	7,651	117	28,846	.....	.....	3,167,717	5,023,793	1
1	1,500	34	22,308	35	9,550	1	156	.....	.....	.....	.....	.....	.....	308,480	431,228	2
.....	.....	18	9,310	14	3,640	.....	.....	.....	.....	.....	.....	.....	.....	73,248	119,800	3
1	468	123	49,842	105	27,716	7	1,350	15	4,180	43	11,934	.....	.....	582,589	1,062,060	4
5	2,380	83	36,409	112	27,074	3	390	.....	.....	19	3,012	.....	.....	727,678	1,047,764	5
1	400	93	43,586	92	22,866	.....	.....	15	3,471	12	2,932	.....	.....	397,545	638,628	6
2	1,020	155	69,463	178	39,557	.....	.....	.....	.....	43	10,968	.....	.....	1,078,177	1,724,313	7

TABLE 5.—SPECIFIED INDUSTRIES, BY

12.—BAKING AND YEAST POWDERS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	150	$3,587,919	$976,503	$257,170	$319,575	$399,848	$2,611,326	$705,991	1,867	$1,001,130	396	$415,575
2	District of Columbia....	3	10,880	3,400	2,000	900	500	7,480	2,884	22	10,125	6	3,600
3	Illinois.....	16	1,017,500	174,800	61,700	23,300	89,800	842,700	362,558	490	271,589	94	120,556
4	Indiana.....	9	38,050	4,795	.....	.....	4,795	33,855	4,781	37	17,138	9	5,854
5	Iowa.....	3	6,307	507	.....	.....	507	5,800	504	11	3,980	8	3,380
6	Maryland.....	5	150,875	56,350	17,100	26,800	12,450	94,525	2,914	75	26,462	9	6,052
7	Massachusetts.....	9	381,489	148,752	52,970	58,125	37,657	232,737	21,659	112	66,659	21	22,484
8	Michigan.....	4	63,235	21,021	3,600	4,050	13,371	42,214	6,773	51	31,427	20	21,087
9	Minnesota.....	6	362,690	135,390	50,000	62,000	23,390	227,300	14,183	103	71,510	22	26,800
10	Missouri.....	17	384,231	58,150	12,400	17,500	28,250	326,081	24,473	163	82,638	46	44,674
11	New York.....	22	443,708	157,607	20,200	29,700	107,797	286,011	76,169	269	156,626	46	63,022
12	Ohio.....	18	171,470	25,427	1,900	2,950	20,577	146,052	52,238	171	84,518	44	37,810
13	Pennsylvania.....	9	65,850	13,950	3,300	5,200	5,450	51,900	10,994	45	23,040	7	5,108
14	Tennessee.....	4	54,050	7,225	.....	.....	7,225	46,825	5,610	37	24,062	15	14,880
15	Texas.....	3	16,525	5,055	1,000	1,450	2,605	11,470	1,940	16	5,076	2	1,424
16	Wisconsin.....	3	177,350	66,100	6,500	49,000	10,600	111,250	58,287	46	17,861	9	8,391
17	All other states and territories. (a)	19	243,100	97,974	24,500	38,600	34,874	145,126	59,934	219	108,419	38	30,453

a Includes establishments distributed as follows: Arkansas, 1; California, 2; Colorado, 2; Connecticut, 2; Georgia, 1; Kansas, 1; Kentucky, 2; Louisiana, 2; Nebraska, 2; New Jersey, 1; Utah, 1; Virginia, 2.

13.—BASKETS AND RATTAN AND WILLOW WARE. (See also Whalebone and rattan.)

1	The United States...	403	2,702,713	852,325	168,243	340,875	343,207	1,850,388	250,471	3,732	1,269,135	414	258,559
2	California.....	9	28,452	14,307	.....	6,000	8,307	14,145	4,408	48	23,263	10	7,605
3	Delaware.....	3	26,095	13,150	1,150	1,950	10,050	12,945	1,213	113	11,822	4	1,822
4	District of Columbia....	3	2,040	275	.....	.....	275	1,765	432	7	3,814	3	2,324
5	Illinois.....	9	44,295	12,935	6,900	4,900	1,135	31,360	4,977	96	52,052	10	8,232
6	Indiana.....	9	15,700	9,735	420	5,050	4,265	5,965	2,163	78	27,371	9	5,660
7	Kentucky.....	20	14,565	8,200	2,700	4,900	690	6,275	2,418	35	16,925	19	10,137
8	Louisiana.....	7	6,837	4,842	3,100	1,700	42	1,995	1,102	17	8,020	4	2,107
9	Maryland.....	19	51,583	23,703	4,500	8,500	10,703	27,880	2,791	163	27,550	23	9,029
10	Massachusetts.....	35	1,297,809	281,798	26,350	144,800	110,648	1,016,011	137,175	932	350,862	40	25,397
11	Michigan.....	19	178,032	80,205	17,080	25,400	37,725	97,827	14,354	264	68,597	25	15,072
12	Minnesota.....	6	20,797	9,675	2,000	6,000	1,675	11,122	2,465	50	9,780	3	1,300
13	Missouri.....	16	60,504	29,972	8,250	12,600	9,122	30,532	3,636	111	46,393	16	8,975
14	New Jersey.....	15	30,645	15,880	2,450	4,950	8,480	14,765	1,658	64	16,543	10	4,452
15	New York.....	111	655,619	208,276	50,375	63,025	94,876	447,343	44,563	1,200	411,353	128	101,540
16	Ohio.....	36	77,428	43,438	10,218	18,050	15,170	33,990	10,984	181	59,782	37	20,342
17	Pennsylvania.....	62	82,872	28,617	8,275	10,800	9,542	54,255	9,443	172	72,681	46	21,674
18	West Virginia.....	3	871	45	.....	.....	45	826	180	3	770	3	770
19	Wisconsin.....	8	90,150	59,540	21,825	19,750	17,965	30,610	4,194	140	43,454	9	4,020
20	All other states (a).....	14	18,419	7,642	2,650	2,500	2,492	10,777	2,315	58	18,094	15	8,092

a Includes establishments distributed as follows: Colorado, 1; Connecticut, 1; Georgia, 1; Kansas, 2; Maine, 1; New Hampshire, 2; Oregon, 1; Rhode Island, 1; South Carolina, 1; Tennessee, 1; Vermont, 2.

14.—BELLOWS.

1	The United States...	17	146,044	43,775	8,550	12,900	22,325	102,269	13,655	101	62,483	20	16,224
2	Missouri.....	3	20,225	10,900	2,250	4,000	4,650	9,325	1,715	17	12,732	4	3,360
3	New York.....	5	10,140	5,470	1,000	4,000	470	4,670	1,315	12	6,523	8	3,724
4	All other states (a).....	9	115,679	27,405	5,300	4,900	17,205	88,274	10,625	72	43,228	10	9,140

a Includes establishments distributed as follows: California, 1; Illinois, 1; Indiana, 1; Michigan, 1; North Carolina, 1; Ohio, 2; Pennsylvania, 2.

15.—BELLS. (See also Foundry and machine shop products.)

1	The United States...	22	590,420	230,880	70,300	72,890	87,690	359,540	38,658	430	237,227	53	41,520
2	Connecticut.....	7	222,887	47,670	7,000	17,000	23,670	175,217	10,305	179	92,962	23	17,278
3	New York.....	3	72,911	46,444	12,500	18,290	15,654	26,467	11,452	27	19,896	7	8,560
4	Ohio.....	4	123,125	41,340	9,300	16,500	15,540	81,785	7,207	149	85,475	11	7,365
5	All other states (a).....	8	171,497	95,426	41,560	21,100	32,826	76,071	7,694	75	38,894	12	8,317

a Includes establishments distributed as follows: Illinois, 2; Indiana, 1; Kentucky, 1; Minnesota, 1; Missouri, 2; Pennsylvania, 1.

STATES AND TERRITORIES: 1890—Continued.

12.—BAKING AND YEAST POWDERS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
30	$11,314	839	$422,269	501	$127,142	21	$2,984	34	$10,936	42	$9,910	4	$1,000	$4,273,796	$7,406,806	1
.....	.....	8	4,649	8	1,876	.....	.....	.....	.....	.....	.....	.....	.....	11,850	29,700	2
10	3,870	180	90,454	165	45,009	.....	.....	31	9,100	10	2,600	.....	.....	1,723,423	2,795,640	3
.....	.....	18	9,328	10	1,956	.....	.....	.....	.....	.....	.....	.....	.....	49,897	109,260	4
.....	.....	1	200	2	400	.....	.....	.....	.....	.....	.....	.....	.....	16,619	33,093	5
.....	.....	37	14,700	28	5,460	.....	.....	1	250	.....	.....	.....	.....	127,360	193,840	6
2	616	58	33,675	17	4,634	.....	.....	.....	.....	10	4,200	4	1,000	572,517	732,387	7
.....	.....	17	7,904	10	1,500	.....	.....	.....	.....	4	936	.....	.....	83,607	148,730	8
.....	.....	56	37,570	21	6,540	4	600	.....	.....	.....	.....	.....	.....	237,862	390,860	9
2	1,980	40	17,803	71	17,557	4	624	.....	.....	.....	.....	.....	.....	218,585	450,684	10
2	1,144	138	69,492	69	20,475	1	200	2	1,586	11	707	.....	.....	617,145	1,013,564	11
12	2,779	71	35,474	43	8,305	1	150	.....	.....	.....	.....	.....	.....	172,748	433,510	12
.....	.....	23	14,596	10	2,660	5	676	.....	.....	.....	.....	.....	.....	106,517	177,486	13
.....	.....	17	7,722	5	1,460	.....	.....	.....	.....	.....	.....	.....	.....	57,540	128,450	14
.....	.....	6	2,748	4	404	4	500	.....	.....	.....	.....	.....	.....	10,600	23,070	15
.....	.....	21	5,620	10	2,650	.....	.....	.....	.....	6	1,200	.....	.....	82,470	295,482	16
2	925	148	70,334	28	6,206	2	234	.....	.....	1	267	.....	.....	185,056	460,050	17

13.—BASKETS AND RATTAN AND WILLOW WARE. (See also Whalebone and rattan.)

15	6,555	1,273	529,342	261	57,654	166	18,322	1,082	322,300	396	65,481	125	10,922	1,398,483	3,633,592	1
.....	.....	15	8,912	.....	.....	5	650	15	5,646	.....	.....	3	450	10,441	45,499	2
.....	.....	34	4,500	.....	.....	.....	.....	60	4,500	.....	.....	15	1,000	12,800	34,150	3
.....	.....	4	1,490	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	948	6,200	4
1	260	71	37,840	2	520	.....	.....	10	4,940	.....	.....	2	260	42,685	120,900	5
1	835	22	10,436	.....	.....	15	2,340	11	3,628	20	4,472	.....	.....	13,110	46,920	6
1	550	7	3,018	.....	.....	.....	.....	8	3,220	.....	.....	.....	.....	11,531	36,041	7
.....	.....	13	5,922	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,325	15,148	8
.....	.....	55	10,492	6	260	10	370	42	5,674	19	1,575	8	150	19,791	64,237	9
4	1,602	285	156,022	38	10,697	10	2,600	342	117,091	199	35,425	14	2,028	583,508	1,327,654	10
1	468	98	27,454	2	515	18	2,572	75	16,907	19	3,402	26	2,207	55,675	178,759	11
.....	.....	3	746	.....	.....	.....	.....	32	6,278	4	820	8	636	5,077	18,500	12
1	200	8	4,850	.....	.....	5	608	55	26,250	17	4,120	9	1,330	50,932	122,891	13
.....	.....	16	5,241	3	553	.....	.....	29	5,184	4	800	2	313	13,603	43,507	14
5	2,172	401	169,767	180	41,781	86	6,660	280	75,792	102	12,427	18	1,205	369,398	1,045,790	15
.....	.....	80	28,476	5	668	12	1,712	38	8,584	.....	.....	.....	.....	92,095	191,987	16
1	468	55	20,175	4	460	3	400	55	27,936	5	1,040	3	468	60,849	208,279	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	822	1,800	18
.....	.....	78	28,049	21	2,200	.....	.....	25	9,110	.....	.....	7	75	32,154	87,915	19
.....	.....	19	5,952	.....	.....	2	350	5	1,500	7	1,400	10	800	10,739	37,415	20

14.—BELLOWS.

1	520	60	34,514	.....	.....	5	1,545	15	9,680	.....	.....	.....	.....	124,145	249,374	1
.....	.....	7	4,372	.....	.....	.....	.....	6	5,000	.....	.....	.....	.....	19,375	47,000	2
.....	.....	5	2,624	.....	.....	1	175	.....	.....	.....	.....	.....	.....	7,798	16,130	3
1	520	48	27,518	.....	.....	4	1,370	9	4,680	.....	.....	.....	.....	96,972	186,244	4

15.—BELLS. (See also Foundry and machine shop products.)

5	1,927	297	147,817	14	4,113	3	750	58	41,100	.....	.....	.....	.....	389,701	823,010	1
1	675	138	70,146	14	4,113	3	750	.....	.....	.....	.....	.....	.....	115,481	282,504	2
1	260	19	11,076	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50,394	96,403	3
3	992	77	36,018	.....	.....	.....	.....	58	41,100	.....	.....	.....	.....	131,509	249,527	4
.....	.....	63	30,577	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	92,317	194,576	5

TABLE 5.—SPECIFIED INDUSTRIES, BY

16.—BELTING AND HOSE, LEATHER.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	93	$4,973,420	$1,088,371	$255,700	$299,800	$532,871	$3,885,049	$268,278	1,621	$1,114,754	270	$330,309
2	California	4	126,838	36,100	8,000	5,000	23,100	90,738	12,639	48	34,346	5	6,790
3	Illinois	3	371,100	58,000	.....	.....	58,000	313,100	16,045	111	73,667	22	22,826
4	Indiana	3	58,100	28,500	15,000	8,000	5,500	29,600	2,015	17	13,990	7	5,450
5	Massachusetts	21	797,406	90,297	3,500	6,500	80,297	707,109	48,391	250	169,510	48	56,810
6	Michigan	3	56,164	14,000	.....	.....	14,000	42,164	6,015	34	18,364	4	4,340
7	New Jersey	5	66,000	28,900	3,000	12,000	13,900	37,100	4,196	48	30,148	6	5,950
8	New York	25	2,076,230	424,010	141,000	137,500	145,510	1,652,220	135,846	683	498,265	103	140,375
9	Ohio	4	190,365	38,960	.....	10,000	28,960	151,405	12,470	74	51,392	19	22,004
10	Pennsylvania	11	314,906	90,900	16,700	21,800	52,400	223,106	11,630	70	53,188	20	21,799
11	Rhode Island	3	114,580	42,200	11,000	21,000	10,200	72,380	2,455	56	26,268	2	1,820
12	All other states (a)	11	802,631	236,504	57,500	78,000	101,004	566,127	16,576	230	145,616	34	42,145

a Includes establishments distributed as follows: Connecticut, 2; Dslawars, 2; Kentucky, 1; Maine, 2; Minnesota, 2; New Hampshire, 2.

17.—BELTING AND HOSE, LINEN.

1	The United States...	9	795,909	430,530	66,000	107,600	256,930	365,379	46,332	292	153,366	18	29,322
2	New York	3	444,319	324,684	50,000	75,600	199,084	119,635	12,923	169	94,048	8	15,652
3	All other states (a)	6	351,590	105,846	16,000	32,000	57,846	245,744	33,409	123	59,318	10	13,670

a Includes establishments distributed as follows: Maryland, 2; Massachusetts, 1; New Jersey, 1; Pennsylvania, 2.

18.—BELTING AND HOSE, RUBBER.

1	The United States...	17	5,270,068	1,935,943	487,070	492,391	955,882	3,334,125	282,543	1,945	1,043,768	100	154,464
2	Massachusetts	3	1,275,320	353,942	90,500	81,708	181,734	921,378	62,753	412	232,780	10	19,961
3	New Jersey	5	1,611,574	648,920	157,500	157,058	334,362	962,654	83,135	467	280,693	45	74,263
4	New York	3	570,189	232,600	107,500	75,000	50,100	337,589	71,537	251	126,715	19	17,120
5	All other states (a)	6	1,812,985	700,481	131,570	179,225	389,686	1,112,504	65,118	815	403,580	26	43,120

a Includes establishments distributed as follows: California, 1; Connecticut, 2; Illinois, 1; Pennsylvania, 2.

19.—BICYCLE AND TRICYCLE REPAIRING.

1	The United States...	83	172,070	78,808	6,400	7,300	65,108	93,262	24,067	306	161,683	91	58,792
2	Connecticut	3	6,655	6,150	2,000	150	4,000	505	676	6	3,204	4	2,492
3	District of Columbia	13	39,505	6,280	.....	.....	6,280	33,225	5,388	88	41,330	21	12,360
4	Indiana	3	1,480	1,050	.....	.....	1,050	430	304	10	5,600	5	2,184
5	Massachusetts	19	29,020	19,505	1,100	4,650	13,755	9,515	3,857	56	31,360	17	11,500
6	Missouri	6	8,005	1,650	.....	.....	1,650	6,355	1,747	21	7,663	10	3,860
7	New York	12	31,158	18,126	.....	.....	18,126	13,032	5,276	41	26,174	9	7,718
8	Ohio	4	2,480	1,225	.....	.....	1,225	1,255	873	9	3,736	5	1,656
9	Pennsylvania	7	13,660	9,210	3,000	2,000	4,210	4,450	1,645	20	10,724	5	3,360
10	Rhode Island	3	14,627	4,362	300	500	3,562	10,265	690	18	10,028	3	2,360
11	Virginia	3	2,950	1,000	.....	.....	1,000	1,950	500	9	4,132	2	1,812
12	All other states (a)	10	22,530	10,250	.....	.....	10,250	12,280	3,111	28	18,233	10	9,400

a Includes establishments distributed as follows: California, 1; Colorado, 2; Illinois, 1; Kentucky, 1; Maine, 1; Minnesota, 2; New Hampshire, 1; Wisconsin, 1.

20.—BICYCLES AND TRICYCLES.

1	The United States...	27	2,058,072	926,421	22,650	339,371	564,400	1,131,651	242,018	1,925	1,105,728	123	121,148
2	Illinois	5	565,612	234,750	.....	100,000	134,750	330,862	85,650	697	392,507	42	49,029
3	Massachusetts	7	1,202,691	531,357	12,500	203,471	315,386	671,334	130,110	843	514,180	39	42,670
4	New York	4	44,700	10,200	1,500	1,500	7,200	34,500	1,815	47	25,905	10	7,034
5	Pennsylvania	3	30,100	17,200	5,000	5,000	7,200	12,900	1,975	23	12,598	5	2,796
6	All other states (a)	8	214,969	132,914	3,650	29,400	99,864	82,055	22,468	315	160,540	27	19,619

a Includes establishments distributed as follows: Connecticut, 2; Indiana, 1; Michigan, 1; New Jersey, 1; Ohio, 2; Oregon, 1.

STATES AND TERRITORIES: 1890—Continued.

16.—BELTING AND HOSE, LEATHER.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
9	$3,830	1,281	$767,023	26	$8,243	20	$2,716	5	$1,133	10	$1,500	.....	.....	$0,132,704	$8,633,634	1
.....	.....	43	27,556	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101,491	170,768	2
1	720	88	50,121	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	365,340	540,500	3
.....	.....	10	8,540	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69,548	98,100	4
2	710	186	107,993	12	3,811	1	156	1	30	.....	.....	.....	.....	1,113,070	1,473,035	5
.....	.....	26	13,036	3	624	.....	.....	1	364	.....	.....	.....	.....	57,367	99,136	6
1	350	40	23,609	.....	.....	.....	.....	1	230	.....	.....	.....	.....	52,533	95,250	7
3	1,320	540	352,340	.....	.....	16	2,230	2	500	10	1,500	.....	.....	2,490,722	3,478,645	8
1	470	54	28,918	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	237,345	370,000	9
.....	.....	50	31,389	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	238,260	356,727	10
.....	.....	43	21,558	8	2,560	3	330	.....	.....	.....	.....	.....	.....	92,512	135,352	11
1	260	102	101,963	3	1,248	.....	.....	.....	.....	.....	.....	.....	.....	1,314,516	1,816,121	12

17.—BELTING AND HOSE, LINEN.

1	520	101	73,992	168	49,020	4	503	.....	.....	.....	.....	.....	.....	427,865	777,942	1
.....	.....	47	41,484	114	36,912	.....	.....	.....	.....	.....	.....	.....	.....	230,923	403,000	2
1	520	54	32,508	54	12,114	4	506	.....	.....	.....	.....	.....	.....	196,942	374,942	3

18.—BELTING AND HOSE, RUBBER.

10	6,284	1,724	846,630	33	8,686	8	1,664	10	5,560	58	20,080	2	$400	3,479,538	5,512,840	1
1	400	400	212,237	1	182	.....	.....	.....	.....	.....	.....	.....	.....	689,291	1,182,195	2
5	3,384	388	193,478	18	4,784	3	624	8	4,160	.....	.....	.....	.....	1,127,799	1,662,709	3
1	500	155	84,535	14	3,720	5	1,040	2	1,400	53	18,000	2	400	248,005	479,261	4
3	2,000	781	356,380	.....	.....	.....	.....	.....	.....	5	2,080	.....	.....	1,414,443	2,188,675	5

19.—BICYCLE AND TRICYCLE REPAIRING.

3	750	205	100,847	.....	.....	5	794	2	500	.....	.....	.....	.....	67,332	301,709	1
.....	.....	2	712	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	588	5,500	2
1	50	66	28,920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,555	73,820	3
.....	.....	5	2,915	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,045	6,900	4
1	100	38	19,670	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,040	51,850	5
.....	.....	10	3,647	.....	.....	1	156	.....	.....	.....	.....	.....	.....	3,221	14,175	6
.....	.....	29	17,806	.....	.....	1	150	2	500	.....	.....	.....	.....	12,548	59,382	7
.....	.....	4	2,080	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,710	8,400	8
.....	.....	15	7,364	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,013	22,420	9
.....	.....	15	7,668	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,910	13,400	10
.....	.....	5	2,040	.....	.....	2	280	.....	.....	.....	.....	.....	.....	928	8,575	11
1	600	16	8,025	.....	.....	1	208	.....	.....	.....	.....	.....	.....	9,774	37,287	12

20.—BICYCLES AND TRICYCLES.

5	2,566	1,703	902,376	3	609	35	6,746	44	69,163	12	3,120	.....	.....	718,848	2,568,326	1
2	1,000	602	325,688	.....	.....	31	6,390	20	10,400	.....	.....	.....	.....	272,904	970,000	2
.....	.....	780	412,722	1	225	.....	.....	23	58,563	.....	.....	.....	.....	247,014	998,342	3
.....	.....	34	18,313	1	208	1	150	1	200	.....	.....	.....	.....	17,098	85,786	4
.....	.....	18	9,800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,066	32,630	5
3	1,566	269	135,853	1	176	3	206	.....	.....	12	3,120	.....	.....	168,766	481,568	6

TABLE 5.—SPECIFIED INDUSTRIES, BY

21.—BILLIARD TABLES AND MATERIALS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	57	$1,456,624	$380,670	$97,000	$91,000	$192,070	$1,076,554	$142,431	1,157	$870,480	138	$164,560
2	California	4	48,780	26,580	10,000	10,000	580	28,200	5,976	36	28,164	6	5,148
3	Illinois	5	747,140	211,515	60,000	40,000	111,515	535,625	56,736	559	368,660	50	58,502
4	Massachusetts	8	123,600	46,000	20,000	15,000	11,000	77,600	13,940	68	55,372	10	13,180
5	New York	20	217,505	23,865	4,000	3,000	16,865	193,640	27,069	128	116,375	33	47,550
6	Ohio	6	134,115	7,210	----------	----------	7,210	126,905	9,929	213	212,102	19	21,640
7	Pennsylvania	4	47,200	11,950	3,000	5,000	3,950	35,250	3,538	20	13,924	3	3,300
8	All other states (a)	10	138,284	58,950	----------	18,000	40,950	79,334	25,243	133	75,883	17	15,240

a Includes establishments distributed as follows: Connecticut, 1; Maryland, 1; Michigan, 1; Minnesota, 1; Missouri, 2; New Jersey, 2; Vermont, 1; Wisconsin, 1.

22.—BLACKING. (See also Cleansing and polishing preparations.)

1	The United States...	71	1,403,087	431,396	57,765	79,725	293,906	971,691	264,715	1,039	561,644	191	223,092
2	Illinois	7	23,925	9,400	2,500	1,500	5,400	14,525	2,187	53	29,648	20	18,124
3	Massachusetts	27	362,550	81,403	965	425	80,013	281,147	69,054	194	103,218	35	34,144
4	New York	15	453,365	112,282	3,300	3,500	105,482	341,083	76,695	348	233,765	65	101,069
5	Ohio	3	2,055	530	----------	----------	530	1,525	1,422	11	4,074	3	1,980
6	Pennsylvania	9	513,197	186,981	43,000	50,000	93,981	326,216	113,236	299	135,614	41	49,342
7	All other states (a)	10	47,995	40,800	8,000	24,300	8,500	7,195	2,121	134	55,325	27	18,433

a Includes establishments distributed as follows: Connecticut, 1; Maine, 2; Maryland, 1; Michigan, 1; Minnesota, 1; New Jersey, 2; Wisconsin, 2.

23.—BLACKSMITHING AND WHEELWRIGHTING. (See also Carriages and wagons, including custom work and repairing.)

1	The United States...	28,000	34,500,139	20,524,743	7,282,284	7,588,296	5,654,163	13,975,396	2,510,586	50,867	26,796,927	24,307	13,287,010
2	Alabama	198	141,791	70,223	23,195	20,123	26,905	71,568	14,316	346	123,945	126	55,477
3	Arizona	14	30,625	20,480	3,860	10,490	6,130	10,145	2,466	26	17,217	8	4,815
4	Arkansas	232	143,852	73,858	18,764	23,782	31,312	69,994	10,984	347	139,455	212	98,215
5	California	638	1,370,006	758,519	327,479	207,990	223,050	611,487	121,806	1,446	960,631	530	396,462
6	Colorado	141	312,433	181,965	77,690	55,990	48,285	130,468	36,735	366	320,942	142	139,216
7	Connecticut	524	753,045	417,924	120,363	156,222	130,739	335,121	51,246	1,092	655,949	407	263,525
8	Delaware	86	142,455	84,338	26,798	35,452	22,688	57,517	9,660	161	72,962	72	36,051
9	District of Columbia	135	243,202	150,914	81,250	33,240	36,424	92,288	24,284	460	253,633	142	90,062
10	Florida	25	31,010	23,050	12,385	6,400	4,265	7,960	2,224	44	19,228	20	11,590
11	Georgia	331	245,721	127,606	40,520	48,235	38,851	118,115	24,958	733	265,315	223	99,576
12	Idaho	17	33,781	18,820	7,610	6,800	4,410	14,961	1,271	39	19,978	20	12,181
13	Illinois	1,757	2,498,498	1,618,391	685,768	577,777	354,846	880,107	193,098	3,361	1,955,329	1,653	1,000,670
14	Indiana	1,211	1,005,169	609,601	218,727	244,420	146,454	395,568	64,344	1,808	785,870	1,050	493,300
15	Iowa	936	1,665,339	631,525	165,690	229,325	236,510	433,814	65,791	1,484	674,947	838	401,735
16	Kansas	737	727,752	448,029	153,802	153,642	140,585	279,723	48,993	1,090	464,398	676	302,217
17	Kentucky	840	639,795	316,017	104,976	104,231	106,810	323,778	41,384	1,262	520,309	704	306,985
18	Louisiana	153	166,385	99,433	30,105	31,425	37,903	66,952	17,649	401	211,817	134	79,664
19	Maine	600	555,798	310,254	60,282	135,612	114,360	245,544	33,407	878	405,962	545	266,193
20	Maryland	616	797,161	443,864	141,065	198,604	104,195	353,297	42,462	1,258	555,411	548	268,664
21	Massachusetts	1,379	2,150,508	1,195,009	380,991	382,094	431,924	955,499	215,066	3,257	2,088,704	1,152	792,137
22	Michigan	1,026	1,198,564	762,216	254,070	295,360	202,786	436,348	75,373	1,752	881,327	943	491,412
23	Minnesota	628	741,436	442,382	165,505	152,555	124,232	299,054	67,224	1,079	580,387	616	348,125
24	Mississippi	140	90,644	52,932	12,157	20,303	20,472	37,712	6,088	222	76,431	90	36,650
25	Missouri	1,300	1,456,517	848,900	303,260	322,997	222,643	601,617	114,432	2,482	1,263,675	1,224	646,902
26	Montana	34	74,140	41,055	14,485	16,120	10,450	33,085	3,878	54	34,678	33	20,663
27	Nebraska	410	642,916	375,299	155,976	119,850	99,473	267,617	41,063	771	461,110	361	226,333
28	Nevada	8	19,085	10,465	2,480	5,300	2,625	8,680	518	19	18,601	5	7,356
29	New Hampshire	285	303,829	159,707	24,093	63,897	71,717	144,122	20,536	459	242,041	259	139,568
30	New Jersey	644	1,007,302	621,255	249,992	236,576	134,687	386,047	62,136	1,321	773,226	544	331,340
31	New Mexico	17	18,414	9,155	1,515	2,140	5,500	9,259	2,206	27	13,733	14	5,978
32	New York	3,550	5,835,810	3,653,414	1,333,677	1,426,297	893,440	2,182,396	482,038	7,447	4,605,349	3,268	2,085,047
33	North Carolina	170	99,892	65,632	17,057	20,550	28,025	34,260	6,250	274	91,093	114	44,568
34	North Dakota	77	107,211	55,536	20,185	20,050	15,295	51,681	6,173	115	59,064	63	34,222
35	Ohio	2,231	1,940,838	1,239,347	486,829	441,961	310,557	701,491	149,636	3,654	1,775,965	2,031	1,043,191
36	Oklahoma	26	6,987	5,327	1,630	1,205	2,492	1,660	707	31	13,412	19	8,172
37	Oregon	148	188,842	90,574	22,645	23,765	44,164	98,268	19,607	289	175,410	132	80,926
38	Pennsylvania	2,836	3,582,679	2,116,134	692,505	890,472	533,157	1,466,545	206,147	4,773	2,423,586	2,316	1,185,404
39	Rhode Island	178	301,551	184,383	69,700	56,710	67,973	117,168	25,009	407	248,736	124	82,428
40	South Carolina	134	93,837	54,981	20,719	17,979	16,283	38,856	7,707	244	81,746	79	34,384
41	South Dakota	66	109,007	58,717	24,475	20,032	14,210	50,290	4,459	101	47,244	50	23,606
42	Tennessee	583	394,930	196,994	57,368	61,652	77,974	197,936	26,460	919	344,226	478	191,057
43	Texas	664	773,995	438,406	168,555	137,555	132,296	335,589	39,197	1,090	495,799	539	257,745
44	Utah	47	79,642	53,965	38,730	5,210	10,025	25,677	8,522	130	94,967	56	40,684
45	Vermont	432	397,989	248,426	47,161	120,395	80,870	149,563	19,630	569	252,689	349	156,516
46	Virginia	617	368,619	180,143	61,462	73,149	55,532	188,476	24,508	906	311,232	448	178,602
47	Washington	114	226,679	111,960	41,895	22,490	47,575	114,719	22,286	260	190,813	90	56,665
48	West Virginia	246	162,837	82,008	23,211	33,475	25,322	80,829	7,180	309	123,670	219	92,389
49	Wisconsin	798	1,180,056	744,671	267,717	314,447	162,507	435,386	47,269	1,255	574,904	632	308,886
50	Wyoming	21	47,565	20,405	11,220	3,950	5,235	27,160	2,203	40	29,811	15	9,957

STATES AND TERRITORIES: 1890—Continued.

21.—BILLIARD TABLES AND MATERIALS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2	$720	943	$605,583	3	$665	1	$233	70	$98,719	.....	.....	.....	.....	$1,295,942	$2,823,278	1
.....	.....	25	20,616	.....	.....	.....	.....	5	2,400	.....	.....	.....	.....	15,671	55,040	2
1	320	505	309,240	2	365	1	233	.....	.....	.....	.....	.....	.....	673,915	1,296,000	3
.....	.....	55	39,198	.....	.....	.....	.....	3	2,994	.....	.....	.....	.....	83,275	225,108	4
.....	.....	93	68,500	.....	.....	.....	.....	2	325	.....	.....	.....	.....	241,092	459,415	5
1	400	133	97,062	.....	.....	.....	.....	60	93,000	.....	.....	.....	.....	95,940	418,625	6
.....	.....	16	10,324	1	300	.....	.....	.....	.....	.....	.....	.....	.....	50,454	92,950	7
.....	.....	110	60,643	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	135,595	276,140	8

22.—BLACKING. (See also Cleansing and polishing preparations.)

16	7,320	335	192,791	174	51,188	60	9,517	74	24,344	183	$52,522	6	$870	1,484,203	2,906,402	1
3	1,300	17	6,824	9	2,800	4	600	.....	.....	.....	.....	.....	.....	38,757	84,410	2
5	2,676	55	36,942	52	14,170	.....	.....	6	5,460	40	9,706	1	120	437,436	785,423	3
2	600	156	91,177	74	24,212	2	260	.....	.....	44	15,697	5	750	550,863	1,076,738	4
.....	.....	4	1,626	3	390	1	78	.....	.....	.....	.....	.....	.....	1,932	13,600	5
2	780	64	35,937	30	8,397	49	8,233	63	17,533	50	15,392	.....	.....	364,326	743,002	6
4	1,964	39	20,285	6	1,219	4	346	5	1,351	49	11,727	.....	.....	90,889	197,229	7

23.—BLACKSMITHING AND WHEELWRIGHTING. (See also Carriages and wagons, including custom work and repairing.)

21	10,179	25,634	13,265,567	11	3,807	189	28,868	698	200,840	.....	.....	7	656	14,645,096	54,304,639	1
.....	.....	208	66,393	.....	.....	4	439	8	1,636	.....	.....	.....	.....	66,794	259,164	2
.....	.....	18	12,402	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,588	54,830	3
.....	.....	125	39,347	.....	.....	1	60	9	1,833	.....	.....	.....	.....	79,634	270,379	4
.....	.....	875	550,713	.....	.....	11	2,284	28	11,147	.....	.....	2	25	619,108	2,108,450	5
.....	.....	217	180,124	1	150	4	736	2	716	.....	.....	.....	.....	202,443	656,380	6
.....	.....	683	391,606	.....	.....	.....	.....	2	818	.....	.....	.....	.....	340,390	1,276,464	7
.....	.....	81	35,005	.....	.....	2	186	6	1,120	.....	.....	.....	.....	40,176	136,592	8
.....	.....	305	160,570	.....	.....	1	120	12	2,881	.....	.....	.....	.....	131,912	472,200	9
.....	.....	21	7,319	.....	.....	1	60	2	250	.....	.....	.....	.....	10,234	40,030	10
.....	.....	482	162,237	1	150	19	2,197	8	1,155	.....	.....	.....	.....	128,562	551,491	11
.....	.....	19	7,797	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,340	46,897	12
2	1,332	1,644	932,038	2	377	14	1,896	46	19,016	.....	.....	.....	.....	957,803	3,921,434	13
.....	.....	700	275,509	1	50	13	2,035	44	14,976	.....	.....	.....	.....	423,565	1,537,702	14
.....	.....	625	268,187	.....	.....	1	150	20	4,875	.....	.....	.....	.....	413,781	1,448,978	15
1	200	386	153,679	.....	.....	2	300	25	8,002	.....	.....	.....	.....	277,135	967,746	16
1	624	522	204,657	.....	.....	7	921	28	7,122	.....	.....	.....	.....	330,133	1,091,622	17
.....	.....	257	130,349	.....	.....	6	826	4	978	.....	.....	.....	.....	96,118	406,564	18
.....	.....	326	138,642	.....	.....	4	477	3	650	.....	.....	.....	.....	240,312	837,472	19
.....	.....	667	273,842	.....	.....	6	800	37	12,105	.....	.....	.....	.....	319,212	1,157,602	20
4	1,432	2,085	1,291,370	.....	.....	3	552	13	3,213	.....	.....	.....	.....	1,072,349	4,206,829	21
.....	.....	779	382,791	.....	.....	1	152	29	6,972	.....	.....	.....	.....	462,277	1,762,135	22
.....	.....	454	229,794	.....	.....	1	150	8	2,318	.....	.....	.....	.....	309,572	1,161,527	23
.....	.....	128	39,421	.....	.....	3	270	1	90	.....	.....	.....	.....	40,976	154,707	24
1	392	1,188	600,953	2	624	22	3,612	43	10,911	.....	.....	2	191	672,114	2,447,677	25
.....	.....	21	14,015	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29,071	79,797	26
.....	.....	393	229,454	.....	.....	3	618	14	4,705	.....	.....	.....	.....	229,652	922,685	27
.....	.....	14	11,245	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,256	33,185	28
.....	.....	196	101,640	.....	.....	.....	.....	4	824	.....	.....	.....	.....	141,095	503,713	29
.....	.....	766	437,770	.....	.....	2	502	9	3,614	.....	.....	.....	.....	431,522	1,587,163	30
.....	.....	11	7,355	.....	.....	.....	.....	2	400	.....	.....	.....	.....	13,575	38,370	31
7	4,442	4,088	2,491,589	2	1,416	11	1,510	71	21,345	.....	.....	.....	.....	2,310,780	8,982,038	32
.....	.....	150	44,450	.....	.....	.....	.....	10	2,075	.....	.....	.....	.....	54,457	184,658	33
.....	.....	52	24,842	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,297	131,250	34
2	1,000	1,558	713,534	.....	.....	14	2,582	48	15,508	.....	.....	1	150	911,703	3,510,858	35
.....	.....	11	4,840	.....	.....	.....	.....	1	400	.....	.....	.....	.....	8,539	27,708	36
.....	.....	153	93,743	.....	.....	1	236	3	505	.....	.....	.....	.....	119,384	373,442	37
1	468	2,383	1,220,678	1	800	13	2,614	59	13,622	.....	.....	.....	.....	1,374,760	4,977,475	38
.....	.....	280	165,808	.....	.....	1	150	2	350	.....	.....	.....	.....	144,080	505,145	39
.....	.....	150	45,040	.....	.....	3	299	11	1,773	.....	.....	1	250	50,715	176,635	40
.....	.....	50	23,538	.....	.....	.....	.....	1	100	.....	.....	.....	.....	36,696	122,414	41
.....	.....	417	148,011	.....	.....	4	447	20	4,711	.....	.....	.....	.....	181,165	679,915	42
.....	.....	529	228,140	1	240	4	610	26	9,064	.....	.....	.....	.....	323,329	1,096,108	43
.....	.....	77	53,257	.....	.....	1	50	2	976	.....	.....	.....	.....	43,699	188,554	44
.....	.....	218	95,598	.....	.....	.....	.....	2	575	.....	.....	.....	.....	151,713	546,640	45
1	239	437	129,810	.....	.....	5	767	15	2,414	.....	.....	.....	.....	181,866	646,822	46
.....	.....	168	133,578	.....	.....	.....	.....	2	570	.....	.....	.....	.....	133,422	433,340	47
.....	.....	88	30,761	.....	.....	.....	.....	2	520	.....	.....	.....	.....	68,421	247,195	48
1	50	604	261,663	.....	.....	1	260	16	4,005	.....	.....	1	40	365,115	1,256,076	49
.....	.....	25	19,854	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,256	78,581	50

TABLE 5.—SPECIFIED INDUSTRIES, BY

24.—BLUING.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	53	$184,472	$52,847	$11,520	$12,220	$29,107	$131,625	$21,736	232	$104,194	71	$54,305
2	District of Columbia....	3	2,408	1,605	200	800	605	803	247	6	2,372	3	1,760
3	Illinois.....	3	26,305	5,125	.....	.....	5,125	21,180	3,026	27	15,510	6	6,610
4	Maryland	3	754	225	.....	.....	225	529	341	12	2,267	3	1,048
5	Massachusetts	3	64,800	19,900	5,000	4,000	10,900	44,900	4,830	30	18,379	9	10,850
6	Missouri	4	7,522	1,402	.....	.....	1,402	6,120	1,439	19	9,365	6	4,040
7	New Jersey	3	6,300	2,600	850	1,400	350	3,700	844	11	7,153	8	5,980
8	New York.....	8	9,190	4,935	2,000	1,000	1,935	4,255	1,185	29	9,473	11	5,290
9	Ohio	3	1,800	1,135	950	150	35	665	471	6	2,610	3	1,674
10	Pennsylvania	13	56,788	14,630	2,300	4,750	7,580	42,158	7,343	64	26,561	13	11,346
11	All other states (*a*).....	10	8,605	1,290	220	120	950	7,315	2,010	28	10,504	9	5,707

a Includes establishments distributed as follows: California, 1; Indiana, 2; Kentucky, 1; Minnesota, 1; Nebraska, 1; Texas, 1; Virginia, 1; Wisconsin, 2.

25.—BONE, IVORY, AND LAMP BLACK. (See also Paints.)

1	The United States...	24	1,627,651	1,216,408	618,000	306,333	291,175	411,243	84,872	385	216,288	62	64,247
2	New York.....	5	335,413	229,075	101,900	84,260	42,975	106,338	39,177	93	43,938	12	11,700
3	Pennsylvania	11	1,027,385	821,133	445,500	175,633	200,000	206,252	22,968	208	124,383	28	35,800
4	All other states (*a*).....	8	264,853	166,200	71,500	46,500	48,200	98,653	22,727	84	47,967	22	16,747

a Includes establishments distributed as follows: Connecticut, 1; Illinois, 1; Massachusetts, 1; Missouri, 2; New Jersey, 2; West Virginia, 1.

26.—BOOKBINDING AND BLANK-BOOK MAKING. (See also Printing and publishing.)

1	The United States...	805	10,062,034	4,321,702	215,245	258,438	3,848,019	5,740,332	1,214,297	13,815	6,903,951	1,273	1,357,705
2	Alabama	4	7,660	5,300	.....	.....	5,300	2,360	949	13	6,169	3	2,600
3	California.....	24	171,414	84,875	.....	.....	84,875	86,530	17,950	303	172,886	28	38,022
4	Colorado	5	68,535	34,100	5,000	1,000	28,100	34,435	7,892	93	53,025	10	11,820
5	Connecticut.....	12	97,475	31,500	.....	.....	31,500	65,975	8,602	83	49,601	12	14,680
6	District of Columbia....	9	33,375	13,900	.....	.....	13,900	19,475	2,652	53	23,360	7	5,200
7	Illinois.....	56	902,418	415,377	6,150	25,800	383,427	487,041	101,062	1,115	594,127	103	116,032
8	Indiana	12	121,210	79,600	20,000	23,000	36,600	41,610	10,406	135	57,658	14	14,248
9	Iowa.....	12	46,525	33,245	600	1,100	31,545	13,280	5,446	55	21,786	10	6,598
10	Kansas.....	6	30,710	14,900	.....	.....	14,900	15,810	7,137	35	20,546	6	6,700
11	Kentucky.....	9	88,500	43,175	.....	.....	43,175	45,325	8,251	179	76,171	15	15,695
12	Louisiana.....	10	23,325	17,700	.....	200	17,500	5,625	3,038	55	27,329	12	11,150
13	Maine.....	10	50,511	20,025	.....	.....	20,025	30,486	3,071	88	41,308	8	7,563
14	Maryland	18	93,380	57,470	1,000	1,800	54,670	35,910	7,814	175	74,343	18	13,190
15	Massachusetts	85	1,307,743	437,718	11,500	17,500	408,718	870,025	187,786	1,829	819,542	112	114,661
16	Michigan	23	289,895	79,581	2,200	2,000	75,381	210,314	33,511	291	114,021	33	27,436
17	Minnesota	9	93,366	57,067	.....	.....	57,067	36,299	8,298	123	59,373	12	10,621
18	Missouri	20	216,978	68,987	.....	.....	68,987	147,991	24,834	408	179,527	34	30,655
19	New Hampshire.....	5	17,610	5,950	.....	.....	5,950	11,660	1,879	18	9,297	4	2,748
20	New Jersey	14	58,653	35,430	4,300	8,000	23,130	23,223	5,017	115	56,984	18	17,172
21	New York.....	257	4,057,982	1,674,780	143,900	147,100	1,383,780	2,383,202	553,387	5,650	3,116,744	499	603,054
22	Ohio	50	291,845	131,100	13,500	14,300	103,300	160,745	27,887	465	199,573	72	59,189
23	Oregon	3	47,900	28,000	.....	.....	28,000	19,900	7,714	73	32,070	4	3,468
24	Pennsylvania	98	1,569,168	797,321	5,245	13,488	778,588	771,847	138,638	1,962	864,660	173	164,844
25	Rhode Island.....	6	69,550	24,800	150	250	24,400	44,750	6,873	77	36,630	6	6,528
26	Vermont	3	12,950	8,250	.....	.....	8,250	4,700	841	22	7,550	3	1,974
27	Virginia	4	123,320	32,400	.....	.....	32,400	90,920	12,864	82	47,939	17	19,300
28	Washington	6	27,850	12,800	.....	.....	12,800	15,050	3,713	40	24,008	6	6,184
29	Wisconsin	23	105,416	51,326	500	2,000	48,826	54,090	13,289	220	94,235	21	16,392
30	All other states and territories (*a*).	12	36,770	25,025	1,200	900	22,925	11,745	3,496	58	23,480	13	9,981

a Includes establishments distributed as follows: Delaware, 1; Florida, 1; Georgia, 1; Montana, 1; Nebraska, 2; South Dakota, 1; Tennessee, 2; Texas, 2; Utah, 1.

27.—BOOT AND SHOE CUT STOCK.

1	The United States...	344	5,401,834	787,354	104,595	189,325	493,434	4,614,480	411,472	5,503	2,323,271	474	417,730
2	Illinois.....	7	113,450	28,100	2,000	1,000	25,100	85,350	10,834	115	57,860	12	11,015
3	Maine.....	4	16,300	4,100	300	1,900	1,900	12,200	1,181	87	15,379	6	3,362
4	Massachusetts	288	4,774,754	604,949	67,995	136,625	400,329	4,169,805	368,541	4,644	2,026,813	400	350,807
5	New Hampshire.....	7	24,400	12,900	2,200	5,100	5,600	11,500	1,005	105	37,314	2	1,250
6	New York.....	22	288,840	56,210	5,000	20,000	31,210	232,630	15,234	200	100,487	37	37,692
7	Pennsylvania	8	56,930	14,045	1,600	2,200	10,245	42,885	5,815	72	22,214	6	4,304
8	All other states (*a*).....	8	127,160	67,050	25,500	22,500	19,050	60,110	8,862	280	63,204	11	9,300

a Includes establishments distributed as follows: California, 1; Kentucky, 2; Missouri, 1; New Jersey, [illegible]

STATES AND TERRITORIES: 1890—Continued.

24.—BLUING.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
6	$2,256	94	$35,070	29	$0,467	15	$2,132	13	$3,015	4	$949	.....	.....	$186,588	$457,251	1
.....	.....	2	456	1	156	.....	.....	.....	.....	.....	.....	.....	.....	759	3,500	2
3	1,200	13	6,200	5	1,500	.....	.....	.....	.....	.....	.....	.....	.....	44,284	87,770	3
.....	.....	4	832	4	312	.....	.....	1	75	.....	.....	.....	.....	3,455	7,898	4
1	500	13	5,229	7	1,800	.....	.....	.....	.....	.....	.....	.....	.....	36,811	97,000	5
.....	.....	11	4,985	.....	.....	2	340	.....	.....	.....	.....	.....	.....	7,737	38,400	6
.....	.....	3	1,173	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,335	16,700	7
.....	.....	12	3,530	4	553	2	100	.....	.....	.....	.....	.....	.....	17,868	36,743	8
.....	.....	.....	.....	3	936	.....	.....	.....	.....	.....	.....	.....	.....	1,038	4,800	9
1	400	25	9,116	3	820	9	1,380	9	2,550	4	949	.....	.....	57,010	132,098	10
1	156	11	3,519	2	390	2	312	3	390	.....	.....	.....	.....	12,291	32,342	11

25.—BONE, IVORY, AND LAMP BLACK. (See also Paints.)

.....	.....	253	120,211	.....	.....	6	1,300	49	28,830	.....	.....	15	$1,700	485,867	1,031,030	1
.....	.....	80	32,208	.....	.....	.....	.....	1	30	.....	.....	.....	.....	116,150	205,436	2
.....	.....	111	56,783	.....	.....	6	1,300	48	28,800	.....	.....	15	1,700	154,661	502,231	3
.....	.....	62	31,220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	215,056	323,363	4

26.—BOOKBINDING AND BLANK-BOOK MAKING. (See also Printing and publishing.)

69	37,763	6,041	3,500,596	4,371	1,306,460	235	38,455	443	258,065	1,381	404,601	2	306	6,007,417	17,067,780	1
.....	.....	4	2,370	6	1,199	.....	.....	.....	.....	.....	.....	.....	.....	5,417	14,556	2
7	6,652	116	85,272	128	37,248	16	2,652	8	3,040	.....	.....	.....	.....	99,615	347,413	3
.....	.....	66	37,015	11	3,049	6	1,141	.....	.....	.....	.....	.....	.....	39,793	140,019	4
.....	.....	46	28,153	24	6,688	.....	.....	1	80	.....	.....	.....	.....	42,895	128,728	5
.....	.....	38	15,451	8	2,709	.....	.....	.....	.....	.....	.....	.....	.....	8,875	48,760	6
12	6,109	633	363,247	322	101,411	37	5,786	1	520	7	1,022	.....	.....	606,033	1,650,339	7
2	800	52	29,140	44	9,336	16	2,634	.....	.....	7	1,560	.....	.....	56,697	142,700	8
.....	.....	19	8,660	20	4,928	.....	.....	.....	.....	6	1,600	.....	.....	17,212	60,900	9
.....	.....	20	12,170	9	1,676	.....	.....	.....	.....	.....	.....	.....	.....	12,849	62,640	10
2	750	80	38,580	63	16,268	5	1,000	6	2,500	8	1,378	.....	.....	60,210	185,075	11
.....	.....	35	13,995	8	2,184	.....	.....	.....	.....	.....	.....	.....	.....	6,828	42,622	12
1	750	44	24,013	29	8,082	.....	.....	.....	.....	6	900	.....	.....	30,672	88,950	13
.....	.....	82	44,223	62	14,028	3	302	.....	.....	10	2,600	.....	.....	43,625	164,868	14
8	3,628	622	342,678	553	169,797	15	2,396	102	73,390	416	112,836	1	156	602,846	1,849,572	15
4	712	116	54,323	120	28,199	3	231	.....	.....	15	3,120	.....	.....	173,303	385,503	16
.....	.....	28	16,004	23	5,952	7	1,096	19	15,500	34	10,200	.....	.....	53,804	142,835	17
2	820	179	91,482	170	50,671	7	1,279	.....	.....	16	4,620	.....	.....	115,103	365,882	18
.....	.....	8	4,709	6	1,840	.....	.....	.....	.....	.....	.....	.....	.....	15,697	33,500	19
.....	.....	51	25,624	36	10,120	3	468	2	1,800	5	1,860	.....	.....	17,315	93,966	20
14	9,430	2,594	1,626,017	1,863	599,835	12	1,863	156	106,399	511	169,996	1	150	2,708,439	7,573,931	21
3	956	202	97,340	127	30,710	34	4,885	3	764	24	5,720	.....	.....	208,341	565,018	22
2	1,324	18	11,386	39	13,292	.....	.....	.....	.....	10	2,600	.....	.....	28,700	76,400	23
12	5,832	755	398,855	540	150,605	55	10,609	144	53,872	283	80,052	.....	.....	892,136	2,377,514	24
.....	.....	30	18,242	36	10,910	5	950	.....	.....	.....	.....	.....	.....	27,563	89,645	25
.....	.....	9	3,046	2	450	.....	.....	.....	.....	8	2,080	.....	.....	2,665	16,000	26
.....	.....	89	22,265	23	6,144	3	230	.....	.....	.....	.....	.....	.....	31,710	109,602	27
.....	.....	17	13,470	15	4,224	2	130	.....	.....	.....	.....	.....	.....	19,720	58,000	28
.....	.....	117	63,659	65	11,411	2	205	.....	.....	15	2,568	.....	.....	66,829	205,938	29
.....	.....	21	9,207	19	3,494	4	598	1	200	.....	.....	.....	.....	12,525	46,913	30

27.—BOOT AND SHOE CUT STOCK.

37	14,510	2,399	1,190,961	535	145,143	67	11,497	753	271,428	1,203	265,021	35	6,981	13,744,655	17,903,846	1
.....	.....	87	44,174	16	2,671	.....	.....	.....	.....	.....	.....	.....	.....	579,805	745,224	2
.....	.....	6	2,737	15	3,120	.....	.....	41	2,490	15	2,560	4	1,200	20,478	40,083	3
86	14,160	2,114	1,058,391	421	119,237	44	7,921	629	244,932	969	225,584	81	5,781	12,338,630	15,923,650	4
.....	.....	26	8,620	24	6,728	7	2,016	28	13,600	18	5,100	.....	.....	45,055	96,160	5
.....	.....	106	49,126	32	7,068	10	1,040	4	1,938	11	3,623	.....	.....	516,185	714,750	6
.....	.....	19	8,422	5	1,224	1	100	1	800	40	7,364	.....	.....	65,823	103,179	7
1	850	41	19,491	22	5,095	5	420	50	7,758	150	20,790	.....	.....	178,679	280,800	8

TABLE 5.—SPECIFIED INDUSTRIES, BY

28.—BOOT AND SHOE FINDINGS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	138	$1,793,123	$627,562	$97,215	$124,305	$406,042	$1,165,561	$163,865	2,283	$771,937	195	$172,459
2	Maine	4	192,688	86,308	18,200	13,000	55,108	106,380	12,582	121	65,914	10	13,520
3	Massachusetts	103	1,187,643	398,752	35,665	79,975	283,112	788,891	121,081	1,552	517,379	135	114,759
4	New Jersey	5	4,550	2,405	1,000	530	875	2,145	547	14	4,016	5	1,916
5	New York	13	243,920	49,520	10,250	9,500	29,770	194,400	15,034	400	108,459	27	25,216
6	Pennsylvania	6	42,847	25,725	3,600	4,800	17,325	17,122	11,141	118	41,906	7	6,916
7	Rhode Island	4	106,400	56,000	25,000	15,000	16,000	50,400	2,430	60	29,622	7	8,036
8	All other states (a)	3	15,075	8,852	3,500	1,500	3,852	6,223	1,050	18	4,641	4	2,102

a Includes establishments distributed as follows: Connecticut, 1; Illinois, 1; Maryland, 1.

29.—BOOT AND SHOE UPPERS.

1	The United States...	317	1,216,026	334,097	83,700	90,240	160,157	881,929	125,707	1,708	898,336	335	278,867
2	California	9	22,740	3,000	100	300	2,600	19,740	3,207	36	25,766	9	10,628
3	District of Columbia	5	16,530	6,825	2,700	2,700	1,425	9,705	994	10	7,266	5	4,570
4	Illinois	9	62,730	5,585	600	400	4,585	57,145	7,648	64	37,968	18	13,901
5	Kentucky	9	40,350	2,650	.....	.....	2,650	37,700	3,735	36	18,205	4	3,250
6	Louisiana	5	9,755	7,850	3,600	3,000	1,250	1,905	1,012	24	9,487	2	1,080
7	Maryland	21	76,349	26,805	7,000	9,240	10,565	49,544	3,903	92	46,018	26	21,116
8	Massachusetts	27	205,497	34,805	1,700	3,900	29,205	170,692	20,290	325	154,732	33	27,635
9	Michigan	4	14,640	7,500	.....	.....	7,500	7,140	1,659	18	10,834	4	3,532
10	Missouri	9	24,050	4,040	.....	.....	4,040	20,010	3,141	53	30,608	10	7,055
11	New Jersey	8	26,655	17,630	8,600	6,600	2,430	9,025	2,409	43	26,064	11	9,942
12	New York	115	363,977	93,102	25,000	22,800	45,302	270,875	43,100	503	290,726	116	104,810
13	Ohio	19	60,770	17,880	6,900	4,800	6,180	42,890	8,998	115	60,651	25	21,339
14	Pennsylvania	51	251,394	93,390	27,500	35,000	30,890	158,004	19,571	297	127,266	45	31,795
15	Wisconsin	5	4,720	1,750	.....	.....	1,750	2,970	584	17	6,080	5	1,584
16	All other states (a)	21	35,869	11,285	.....	1,500	9,785	24,584	5,456	75	46,665	22	16,630

a Includes establishments distributed as follows: Alabama, 1; Colorado, 2; Delaware, 1; Georgia, 1; Indiana, 2; Iowa, 2; Kansas, 1; Minnesota, 1; Nebraska, 2; Oregon, 1; South Carolina, 1; Tennessee, 2; Texas, 1; Virginia, 1; Washington, 1; Wyoming, 1.

30.—BOOTS AND SHOES, CUSTOM WORK AND REPAIRING.

1	The United States...	20,803	14,230,081	8,296,361	2,886,383	3,233,353	2,176,625	5,933,720	2,786,701	35,448	16,750,729	18,375	9,293,624
2	Alabama	94	44,363	21,483	3,760	5,285	12,438	22,880	11,001	156	70,778	61	28,787
3	Arizona	3	1,676	500	.....	.....	500	1,176	281	3	1,385	2	985
4	Arkansas	40	14,678	4,255	105	155	3,995	10,423	4,843	77	40,131	41	22,091
5	California	419	259,431	141,368	63,175	24,820	53,373	118,063	68,635	723	417,428	379	217,278
6	Colorado	133	160,528	90,390	37,460	22,780	30,150	70,138	36,614	274	215,138	132	115,280
7	Connecticut	469	166,722	74,168	18,355	18,775	37,038	92,554	45,589	713	367,314	422	222,106
8	Delaware	94	55,111	38,541	9,895	20,071	8,575	16,570	8,655	136	57,913	86	39,191
9	District of Columbia	232	151,724	68,883	30,800	13,405	24,678	82,841	26,171	412	198,753	238	132,613
10	Florida	20	7,728	5,495	2,500	1,000	1,995	2,233	1,918	29	13,366	16	7,850
11	Georgia	184	53,130	25,632	5,362	7,000	13,270	27,498	14,646	345	128,419	134	55,645
12	Illinois	1,228	1,030,105	666,092	271,890	266,670	127,532	364,013	189,304	2,044	1,010,527	1,051	537,472
13	Indiana	667	385,344	253,558	96,300	104,618	52,640	131,786	62,509	1,014	419,779	513	228,690
14	Iowa	277	205,622	142,340	61,980	46,940	33,420	63,282	24,434	394	169,940	191	83,215
15	Kansas	188	126,421	85,650	33,035	25,465	27,150	40,771	17,132	250	106,609	160	71,061
16	Kentucky	559	375,328	260,307	99,350	117,315	43,642	115,021	68,367	920	441,980	522	276,313
17	Louisiana	222	193,153	96,066	31,200	42,500	22,366	97,087	36,654	620	267,555	212	112,633
18	Maine	136	54,080	26,538	2,810	7,355	16,373	27,542	8,881	198	85,639	108	48,985
19	Maryland	813	661,010	370,746	148,998	158,909	62,839	290,264	68,868	1,642	678,901	786	364,244
20	Massachusetts	1,380	393,292	213,688	29,591	45,383	138,714	179,604	165,518	2,144	1,007,366	1,240	643,116
21	Michigan	511	388,251	264,886	115,025	94,420	55,441	123,365	47,081	772	339,097	399	181,519
22	Minnesota	345	269,059	184,708	63,665	74,428	46,615	84,351	36,506	588	275,718	288	135,518
23	Mississippi	35	29,883	11,585	2,800	3,740	5,045	18,298	4,888	57	25,529	24	9,630
24	Missouri	789	452,590	285,420	86,728	136,640	62,052	167,170	94,261	1,182	544,938	691	322,670
25	Montana	15	17,420	8,800	1,600	3,800	3,400	2,620	3,289	18	15,173	4	2,664
26	Nebraska	149	91,940	69,819	33,000	20,555	16,264	22,121	16,390	203	101,216	121	61,511
27	New Hampshire	108	36,450	20,172	2,160	5,300	12,712	16,278	8,029	132	58,880	74	32,303
28	New Jersey	474	469,031	342,056	128,475	157,300	56,281	127,575	61,047	796	385,325	398	212,390
29	New Mexico	4	1,064	725	150	200	375	339	260	4	1,976	4	1,976
30	New York	5,407	3,444,228	1,570,258	465,875	509,085	595,298	1,873,970	1,024,388	10,143	5,112,268	5,275	2,896,003
31	North Carolina	75	26,064	14,505	2,563	4,257	7,685	11,559	4,472	120	34,845	48	16,212

STATES AND TERRITORIES: 1890—Continued.

28.—BOOT AND SHOE FINDINGS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 10 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
7	$3,405	689	$329,159	553	$104,772	48	$7,875	301	$79,857	469	$72,112	21	$2,298	$1,965,173	$3,459,328	1
.....	.....	80	42,756	24	7,988	3	450	.....	.....	4	1,200	.....	.....	89,601	222,325	2
6	2,885	505	230,305	411	61,808	23	3,729	116	50,281	335	51,314	21	2,298	1,525,165	2,521,036	3
.....	.....	.....	.....	.....	.....	.....	.....	2	1,300	7	800	.....	.....	5,982	10,824	4
1	520	76	40,210	32	6,510	9	1,742	144	17,101	111	17,160	.....	.....	245,297	482,136	5
.....	.....	12	5,798	59	18,150	1	182	30	9,312	9	1,548	.....	.....	26,544	95,978	6
.....	.....	15	9,766	27	10,310	10	1,460	.....	.....	1	50	.....	.....	68,791	113,776	7
.....	.....	1	324	.....	.....	2	312	9	1,863	2	40	.....	.....	3,703	13,253	8

29.—BOOT AND SHOE UPPERS.

20	10,145	618	346,965	341	119,120	22	3,649	109	50,663	263	88,927	.....	.....	1,902,926	3,346,002	1
.....	.....	12	9,480	1	416	.....	.....	9	4,597	5	645	.....	.....	42,818	75,719	2
.....	.....	4	2,496	1	200	.....	.....	.....	.....	.....	.....	.....	.....	21,166	32,520	3
.....	.....	25	13,858	7	1,896	.....	.....	14	8,313	.....	.....	.....	.....	132,245	195,883	4
1	780	21	10,749	8	3,036	1	78	1	312	.....	.....	.....	.....	32,608	70,140	5
.....	.....	18	8,009	.....	.....	4	398	.....	.....	.....	.....	.....	.....	31,871	54,231	6
.....	.....	47	20,556	3	1,090	.....	.....	16	3,256	.....	.....	.....	.....	87,550	170,106	7
2	950	60	39,978	47	16,954	2	520	9	3,022	172	65,673	.....	.....	580,969	819,208	8
.....	.....	7	3,898	3	1,404	.....	.....	4	2,000	.....	.....	.....	.....	17,219	32,890	9
.....	.....	20	13,629	15	6,080	1	150	3	2,030	4	1,664	.....	.....	45,978	84,250	10
.....	.....	18	11,608	13	4,384	1	130	.....	.....	.....	.....	.....	.....	17,623	49,300	11
12	6,490	206	117,260	133	47,803	4	957	24	10,754	8	2,652	.....	.....	532,391	999,219	12
1	624	49	25,818	29	8,925	1	130	5	2,400	5	1,415	.....	.....	64,942	165,575	13
3	1,161	86	42,906	67	21,622	6	993	21	11,911	69	16,878	.....	.....	208,700	426,609	14
1	140	5	2,654	6	1,702	.....	.....	.....	.....	.....	.....	.....	.....	12,718	20,960	15
.....	.....	40	24,066	8	3,608	2	233	3	2,068	.....	.....	.....	.....	74,119	149,392	16

30.—BOOTS AND SHOES, CUSTOM WORK AND REPAIRING.

92	34,728	10,473	4,742,583	260	81,641	110	16,600	5,979	2,536,686	136	42,930	14	1,937	10,403,383	34,856,651	1
.....	.....	65	28,015	3	910	.....	.....	27	13,066	.....	.....	.....	.....	49,305	158,284	2
.....	.....	.....	.....	.....	.....	.....	.....	1	400	.....	.....	.....	.....	2,650	5,450	3
.....	.....	24	13,774	.....	.....	4	1,040	8	3,226	.....	.....	.....	.....	25,127	75,323	4
.....	.....	160	99,347	7	2,964	.....	.....	167	94,465	8	3,039	2	335	229,956	828,579	5
.....	.....	110	80,076	.....	.....	1	166	31	19,616	.....	.....	.....	.....	113,787	418,469	6
.....	.....	214	109,909	1	300	.....	.....	71	33,448	5	1,551	.....	.....	191,058	671,986	7
.....	.....	28	10,130	1	208	.....	.....	21	8,384	.....	.....	.....	.....	33,929	110,135	8
.....	.....	132	56,996	1	350	1	250	40	8,544	.....	.....	.....	.....	101,992	357,831	9
.....	.....	8	3,666	.....	.....	1	50	4	1,800	.....	.....	.....	.....	5,081	23,498	10
1	500	166	58,719	2	468	5	878	36	12,157	.....	.....	1	52	76,468	256,287	11
6	3,220	758	361,191	9	3,344	3	311	217	104,989	.....	.....	.....	.....	614,651	2,141,895	12
2	431	272	108,752	11	2,144	8	899	200	76,625	6	2,138	2	100	288,427	888,564	13
1	400	153	67,492	.....	.....	.....	.....	48	18,633	1	200	.....	.....	111,655	358,752	14
.....	.....	59	23,804	.....	.....	1	250	30	11,494	.....	.....	.....	.....	73,960	226,023	15
2	720	189	83,144	1	175	1	50	205	81,578	.....	.....	.....	.....	334,439	967,388	16
.....	.....	178	65,923	1	312	4	598	222	87,939	3	150	.....	.....	195,385	581,639	17
1	200	55	23,774	2	250	1	100	26	11,420	5	910	.....	.....	54,851	165,784	18
3	1,176	398	152,855	15	4,315	5	706	410	148,340	21	6,589	4	676	455,242	1,525,140	19
7	2,049	644	319,634	17	5,473	5	756	226	95,128	5	1,210	.....	.....	527,820	1,936,253	20
2	689	232	90,945	2	572	1	175	134	58,457	2	740	.....	.....	225,594	700,911	21
1	312	217	107,152	2	520	.....	.....	80	32,216	.....	.....	.....	.....	171,634	536,741	22
.....	.....	28	12,570	1	200	.....	.....	4	3,120	.....	.....	.....	.....	19,499	57,433	23
5	1,500	295	139,359	7	2,109	11	1,846	166	75,922	6	1,382	1	150	285,362	1,061,800	24
.....	.....	14	12,509	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,622	40,678	25
1	550	75	37,566	.....	.....	.....	.....	6	1,589	.....	.....	.....	.....	54,503	205,868	26
.....	.....	44	21,040	3	818	.....	.....	11	4,638	.....	.....	.....	.....	37,300	120,337	27
1	104	289	134,595	12	3,293	1	25	93	34,718	1	50	1	150	260,637	827,082	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,422	4,580	29
29	13,016	2,902	1,357,640	88	28,329	19	2,931	1,805	802,756	24	11,473	1	120	3,033,518	10,542,784	30
.....	.....	40	10,451	.....	.....	.....	.....	32	8,182	.....	.....	.....	.....	32,682	88,327	31

TABLE 5.—SPECIFIED INDUSTRIES, BY

30.—BOOTS AND SHOES, CUSTOM WORK AND REPAIRING—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
32	North Dakota	9	$6,905	$4,675	$2,500	$750	$1,425	$2,230	$1,005	13	$6,743	5	$3,342
33	Ohio	1,736	1,268,805	850,979	324,715	395,005	131,259	417,826	203,929	2,732	1,242,025	1,492	738,311
34	Oklahoma	3	2,015	775	50	300	425	1,240	190	3	1,121	2	705
35	Oregon	35	56,335	24,155	10,250	6,000	7,905	32,180	7,419	74	51,739	31	25,237
36	Pennsylvania	2,180	2,191,183	1,364,735	486,917	628,716	249,102	826,448	259,867	3,797	1,654,985	1,790	813,664
37	Rhode Island	215	67,046	35,361	6,500	6,000	22,861	31,685	21,551	313	143,839	185	88,793
38	South Carolina	69	30,103	15,887	4,250	4,600	7,037	14,216	7,806	104	30,337	58	24,267
39	South Dakota	5	8,735	6,800	2,000	4,000	800	1,935	528	6	4,069	3	1,819
40	Tennessee	172	74,048	33,015	5,100	5,410	22,525	41,013	17,257	303	121,012	147	63,927
41	Texas	215	178,941	109,294	28,295	36,725	44,274	69,647	28,600	323	157,633	175	89,339
42	Utah	23	22,714	12,465	5,030	3,100	4,335	10,249	2,924	70	32,176	18	10,682
43	Vermont	74	40,010	23,292	4,920	9,072	9,300	16,718	4,506	91	38,290	57	23,659
44	Virginia	327	130,088	79,647	24,241	35,975	19,431	50,441	21,822	533	188,774	293	111,538
45	Washington	44	36,474	25,795	8,800	9,325	7,670	10,679	7,372	65	49,495	29	22,696
46	West Virginia	95	50,619	21,222	4,897	7,186	9,139	29,397	5,708	136	52,364	83	31,870
47	Wisconsin	508	489,669	321,520	117,501	141,168	62,851	168,149	42,195	747	298,795	371	153,678
48	Wyoming	12	8,780	4,725	1,000	1,000	2,725	4,055	2,008	16	9,308	7	3,978
49	All other states (a)	11	7,585	3,365	810	850	1,705	4,220	1,383	13	8,129	9	6,069

a Includes establishments distributed as follows: Idaho, 2; Nevada, 9.

31.—BOOTS AND SHOES, FACTORY PRODUCT. (See Table 8.)

1	The United States	2,082	95,282,311	21,527,403	2,190,160	5,463,879	13,873,364	73,754,908	9,217,519	139,333	66,375,076	5,074	5,456,387
2	California	56	1,740,175	342,252	9,000	9,000	324,252	1,397,923	141,266	2,472	1,261,919	190	151,100
3	Connecticut	20	683,100	210,181	8,200	53,000	148,981	472,919	53,666	1,061	529,467	62	72,149
4	Georgia	3	16,461	9,175	175	5,100	3,900	7,286	1,034	26	7,204	4	3,100
5	Illinois	56	3,781,476	1,083,966	199,650	248,500	635,816	2,697,510	388,001	4,152	2,047,331	139	142,017
6	Indiana	6	98,065	39,645	2,300	13,500	23,845	58,420	3,768	186	67,205	12	9,976
7	Iowa	6	435,066	135,750	13,100	51,650	71,000	299,316	16,309	319	135,850	27	25,750
8	Kentucky	11	280,166	95,650	4,000	21,650	70,000	184,516	33,640	325	138,810	29	26,515
9	Louisiana	17	293,244	109,625	22,700	25,800	61,125	183,619	11,653	825	365,280	39	36,380
10	Maine	53	4,804,946	947,626	68,830	287,483	591,304	3,857,320	397,394	6,597	3,078,466	188	199,833
11	Maryland	28	863,965	308,133	46,200	83,500	178,433	555,832	30,953	1,253	521,048	64	58,628
12	Massachusetts	1,057	44,567,702	8,968,532	796,976	2,515,518	5,656,038	35,599,170	5,568,233	69,934	34,949,698	2,102	2,404,844
13	Michigan	12	972,534	151,997	1,500	3,500	146,997	820,537	89,088	1,371	582,132	58	85,816
14	Minnesota	8	1,794,711	147,212	2,500	6,200	138,512	1,647,499	99,962	1,182	614,022	83	89,044
15	Missouri	29	3,712,915	443,982	16,000	42,000	385,982	3,268,933	305,194	2,813	1,247,292	95	127,242
16	New Hampshire	64	3,956,774	1,085,502	50,090	362,875	672,537	2,871,272	256,643	8,069	3,462,908	136	123,658
17	New Jersey	100	2,811,098	887,149	69,825	284,567	532,757	1,923,949	129,513	5,455	2,488,858	278	275,889
18	New York	257	11,950,891	2,939,915	264,475	648,750	2,026,690	9,010,976	812,099	16,170	7,560,134	764	907,801
19	North Carolina	4	118,000	11,500			11,500	106,500	3,473	102	31,920	7	5,200
20	Ohio	63	3,176,318	921,706	156,850	213,100	551,756	2,254,612	257,369	5,991	2,573,080	225	260,157
21	Pennsylvania	158	5,394,799	1,791,304	265,930	395,910	1,129,464	3,603,495	311,684	7,952	3,398,690	315	295,212
22	Rhode Island	3	27,850	6,700			6,700	21,150	27,631	13	5,534	2	1,450
23	Texas	3	62,250	44,400	6,000	5,000	33,400	17,850	1,199	47	30,508	5	4,496
24	Vermont	7	348,827	48,359	3,650	14,500	30,209	300,468	32,450	239	107,390	11	12,324
25	Virginia	7	501,661	109,838	12,100	18,500	79,238	391,823	83,682	272	139,888	20	24,474
26	Wisconsin	32	2,621,606	623,385	166,350	145,978	311,059	1,998,221	146,345	2,155	875,785	112	98,252
27	All other states and territories. (a)	13	267,711	63,919	3,750	8,300	51,869	203,792	15,270	352	147,657	17	15,080

a Includes establishments distributed as follows: Alabama, 1; Delaware, 1; Kansas, 2; Nebraska, 1; Oregon, 1; South Carolina, 2; Tennessee, 2; Utah, 2; Washington, 1.

32.—BOOTS AND SHOES, RUBBER.

1	The United States	11	17,790,970	3,515,202	463,615	1,604,992	1,386,595	14,275,768	943,918	9,264	3,966,875	111	143,554
2	Massachusetts	5	8,878,775	1,551,200	193,000	734,700	623,500	7,327,575	452,250	4,979	2,131,534	36	36,532
3	All other states (a)	6	8,912,195	1,964,002	270,615	930,292	763,095	6,948,193	491,668	4,285	1,835,341	75	107,022

a Includes establishments distributed as follows: Connecticut, 2; New Jersey, 2; Pennsylvania, 1; Rhode Island, 1.

STATES AND TERRITORIES: 1890—Continued.

30.—BOOTS AND SHOES, CUSTOM WORK AND REPAIRING—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
		7	$2,801					1	$600					$4,293	$15,072	32
10	$3,408	791	329,825	13	$2,997	8	$1,220	416	165,392	2	$872			786,750	2,691,016	33
		1	416											1,425	3,200	34
		36	22,382	1	200			6	3,920					33,681	103,589	35
16	5,198	1,011	426,990	56	18,185	21	3,420	864	377,069	37	10,105	2	$354	1,135,273	3,660,341	36
		75	34,597	2	600			47	18,441	4	1,408			86,238	268,089	37
		23	5,799			1	12	21	5,843	1	416			28,055	83,534	38
		3	2,250											2,873	9,225	39
		77	31,214			1	100	78	25,771					83,014	259,510	40
		94	42,327			1	120	53	25,847					133,005	389,943	41
2	655	18	8,628	2	150	2	145	27	11,716	1	200			24,021	67,636	42
1	300	30	12,711					3	1,620					28,513	83,561	43
		175	62,080	5	1,500	2	252	56	13,279	2	125			122,738	382,787	44
		31	22,825					5	3,974					27,913	97,150	45
		34	14,760					17	5,362	2	372			42,550	120,713	46
1	300	311	121,920	4	955	2	300	58	21,642					229,526	694,605	47
		6	3,530					3	1,800					7,402	24,550	48
		1	500					3	1,560					5,557	18,309	49

31.—BOOTS AND SHOES, FACTORY PRODUCT. (See Table 8.)

569	251,544	42,487	22,713,979	15,941	5,096,687	1,858	272,532	48,919	24,191,995	23,908	8,296,924	577	95,028	118,785,831	220,649,358	1
2	1,400	1,087	533,932	73	29,160	28	5,490	756	413,553	316	123,180	20	4,104	1,524,272	3,395,043	2
4	1,612	473	250,093	167	51,787	12	1,951	225	111,120	118	40,755			750,140	1,535,125	3
		15	2,630	2	235	1	14	3	1,100	1	125			7,917	18,542	4
21	8,316	2,230	1,271,850	1,097	352,811	17	2,609	448	212,373	185	53,755	15	3,600	4,931,986	8,756,824	5
1	150	115	42,207	40	9,290	3	202	9	4,320	6	1,060			90,157	179,936	6
		115	54,127	91	28,260			61	22,253	25	5,460			286,716	574,378	7
		114	46,529	86	19,214	8	1,174	64	37,678	22	7,225	2	475	266,210	526,387	8
		327	145,967	3	300	50	1,800	400	179,933	6	900			412,497	968,017	9
27	10,133	1,891	955,152	636	221,414	31	5,858	2,156	1,103,577	1,665	582,049	3	450	5,800,682	10,335,342	10
7	3,016	346	153,784	217	44,709	10	1,068	446	211,381	163	48,471			723,052	1,533,761	11
368	164,955	18,065	10,595,047	5,024	1,864,817	623	105,189	29,752	14,683,547	13,553	5,070,913	357	60,386	63,928,182	116,387,900	12
4	1,114	351	114,990	89	26,650	2	260	496	263,818	365	88,734	6	750	1,209,387	2,065,531	13
		547	279,054	267	91,788	1	125	168	113,445	116	40,566			1,090,722	2,032,814	14
2	660	1,233	641,319	997	274,599	123	9,916	336	183,770	27	9,786			2,521,027	4,841,004	15
21	9,083	2,836	1,398,624	996	356,784	61	9,469	2,582	1,142,202	1,374	421,044	63	9,044	6,749,322	11,986,003	16
15	6,317	1,397	674,425	740	202,619	124	19,837	1,897	949,534	980	354,309	24	5,928	3,417,180	7,255,409	17
45	22,692	4,817	2,585,645	2,135	612,575	339	52,232	5,333	2,588,659	2,704	785,696	33	4,834	12,383,851	23,661,204	18
		79	23,650	8	1,680	8	1,390							76,670	155,900	19
23	9,530	2,689	1,207,677	1,483	443,983	58	7,063	834	449,722	666	193,323	13	1,625	4,480,206	8,489,728	20
21	8,896	2,496	1,155,389	1,207	315,267	294	37,377	2,346	1,218,857	1,234	364,120	39	3,572	5,012,096	10,354,850	21
		3	1,264	2	520	1	150	4	1,850	1	300			110,745	158,800	22
		32	23,012	10	3,000									42,900	109,850	23
1	300	125	63,687	73	23,262	10	1,560	16	5,807	3	450			346,557	529,486	24
		105	57,534	50	12,580	7	700	63	33,600	27	11,000			874,564	1,279,069	25
7	3,370	776	341,401	382	90,759	34	4,862	497	245,362	345	91,519	2	260	1,406,557	2,972,233	26
		223	94,990	66	18,633	13	2,236	27	14,534	6	2,184			282,236	546,222	27

32.—BOOTS AND SHOES, RUBBER.

19	10,248	3,575	1,705,649	1,121	286,033	84	15,284	1,551	818,560	2,803	987,547			11,050,787	18,632,060	1
11	5,500	1,666	807,427	496	158,357	30	7,500	698	365,117	2,042	751,101			6,400,882	9,792,024	2
8	4,748	1,909	898,222	625	127,676	54	7,784	853	453,443	761	236,446			5,249,905	8,840,036	3

TABLE 5.—SPECIFIED INDUSTRIES, BY

33.—BOTTLING. (See also Liquors, malt; Mineral and soda waters.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	716	$5,656,705	$3,195,945	$940,077	$906,819	$1,349,049	$2,460,760	$728,173	3,929	$2,271,355	870	$749,909
2	Connecticut	21	97,696	43,550	6,700	14,050	22,800	54,146	10,159	71	41,191	13	9,728
3	Delaware	4	57,600	43,800	11,000	16,000	16,800	13,800	11,390	37	20,496	7	5,936
4	District of Columbia	19	167,107	125,130	42,500	42,100	40,530	41,977	23,922	208	118,957	36	33,050
5	Georgia	4	16,112	3,950	.....	.....	3,950	12,162	5,356	56	26,892	5	3,952
6	Illinois	25	150,010	85,745	22,280	21,800	41,665	64,265	14,624	126	64,976	27	24,764
7	Indiana	13	130,800	84,030	25,700	31,800	26,530	46,770	5,932	73	39,946	14	12,314
8	Iowa	5	233,300	165,900	47,500	77,400	41,000	67,400	14,249	56	27,081	3	2,724
9	Kentucky	15	73,000	21,910	4,000	8,275	9,635	51,090	11,174	55	26,945	18	13,356
10	Maryland	5	29,960	12,600	.....	.....	12,600	17,360	2,822	34	22,500	8	9,500
11	Massachusetts	77	703,953	287,103	30,721	68,150	188,232	416,850	144,594	669	406,132	112	93,862
12	Michigan	25	149,535	103,780	25,750	48,500	29,530	45,755	17,525	81	39,991	29	17,009
13	Minnesota	14	212,960	106,730	47,350	35,550	23,830	106,230	10,271	97	64,060	19	24,060
14	Missouri	19	298,005	123,580	49,400	36,300	37,680	174,625	27,013	113	74,434	28	33,060
15	New Hampshire	7	178,572	126,075	101,500	6,000	18,575	52,497	5,903	47	18,786	6	4,662
16	New Jersey	51	256,886	153,706	42,900	45,100	65,706	103,180	30,795	178	117,951	57	51,905
17	New York	123	931,451	528,319	192,575	130,285	205,459	403,132	116,161	651	353,873	154	130,583
18	Ohio	54	289,598	88,600	34,760	26,800	27,040	200,998	38,614	204	120,324	87	62,718
19	Pennsylvania	188	1,147,332	729,221	143,618	205,417	380,188	418,111	205,045	894	520,357	192	166,426
20	Rhode Island	6	39,620	29,800	6,500	12,000	11,300	9,820	1,537	22	12,342	2	2,000
21	Texas	4	21,145	11,365	3,700	4,150	3,515	9,780	1,878	33	13,634	3	2,850
22	Virginia	9	62,105	39,955	18,650	12,900	8,405	22,150	5,360	59	29,433	13	10,684
23	Washington	3	60,500	39,500	7,000	8,000	24,500	21,000	4,315	24	22,200	.....	.....
24	Wisconsin	12	27,618	23,621	7,975	11,242	4,404	3,997	2,169	23	7,303	9	4,545
25	All other states (a)	13	321,840	218,175	68,000	45,000	105,175	103,665	17,365	118	81,551	28	29,721

a Includes establishments distributed as follows: California, 2; Colorado, 1; Maine, 1; Montana, 1; Nebraska, 2; North Carolina, 2; Oregon, 2; Tennessee, 2.

34.—BOXES, CIGAR.

1	The United States...	291	3,374,451	1,371,787	200,615	317,865	793,307	2,002,664	337,498	5,537	2,134,383	397	322,363
2	California	6	111,150	31,500	.....	10,500	21,000	79,650	14,043	161	77,757	21	13,180
3	Connecticut	4	7,725	3,300	100	500	2,700	4,425	876	20	8,434	2	1,100
4	Illinois	11	158,240	61,625	16,500	14,000	31,125	96,615	14,520	262	112,376	20	20,648
5	Indiana	5	18,420	11,200	2,300	2,800	6,100	7,220	1,469	50	14,080	6	4,576
6	Iowa	4	25,525	6,975	100	500	6,375	18,550	1,266	56	17,107	5	4,070
7	Kentucky	3	13,500	6,100	600	300	5,200	7,400	806	38	14,470	2	1,900
8	Louisiana	3	24,800	14,000	1,200	1,300	11,500	10,800	3,306	104	35,549	4	4,999
9	Maryland	12	58,725	25,620	3,780	6,390	15,450	33,105	2,476	121	43,203	10	8,110
10	Massachusetts	7	45,547	16,079	.....	.....	16,079	29,468	6,948	107	48,973	14	10,022
11	Michigan	10	94,990	43,193	9,100	14,676	19,417	51,797	9,286	206	53,596	11	9,019
12	Minnesota	3	23,600	8,000	2,500	700	4,800	15,600	1,735	38	13,466	4	3,390
13	Missouri	3	168,686	58,765	12,800	25,000	20,965	109,921	19,864	143	70,528	7	0,180
14	New Jersey	5	11,399	5,155	.....	.....	5,155	6,244	2,180	48	18,206	7	4,106
15	New York	70	1,411,663	507,942	58,600	53,600	395,742	903,721	189.855	2,154	964,173	142	139,061
16	Ohio	25	332,479	160,021	72,500	45,200	42,321	172,458	12,559	416	149,273	29	19,748
17	Pennsylvania	101	704,747	328,997	65,310	118,850	144,837	375,750	39,024	1,305	390,311	87	52,259
18	Virginia	3	2,050	1,060	225	325	510	990	161	10	2,497	2	497
19	Wisconsin	7	123,495	66,855	15,000	22,824	29,031	56,640	8,010	181	54,365	15	12,568
20	All other states and territories. (a)	9	37,710	15,400	.....	400	15,000	22,310	9,100	119	46,019	9	0,930

a Includes establishments distributed as follows: Alabama, 1; Delaware, 1; District of Columbia, 1; Florida, 2; Kansas, 1; Nebraska, 2; Rhode Island, 1.

35.—BOXES, FANCY AND PAPER. (See also Fancy articles, not elsewhere specified.)

1	The United States...	588	9,277,973	3,954,674	533,730	863,089	2,557,855	5,323,299	941,498	19,954	6,869,900	938	1,014,113
2	California	7	83,175	16,500	.....	.....	16,500	68,675	10,627	144	60,467	8	8,660
3	Connecticut	40	752,100	329,573	44,300	68,950	216,323	422,527	49,488	1,450	519,514	61	70,505
4	Illinois	23	544,519	281,800	128,800	46,000	107,000	262,719	49,362	1,103	367,018	42	43,385
5	Indiana	8	27,400	15,125	1,500	3,900	9,725	12,275	2,584	114	26,463	4	2,765
6	Iowa	6	24,845	17,600	5,000	3,800	8,800	7,245	1,134	65	13,516	3	1,804
7	Louisiana	3	8,975	6,200	.....	.....	6,200	2,775	2,415	85	22,059	6	4,692
8	Maine	9	124,248	52,424	.....	26,500	25,924	71,824	9,291	424	113,693	20	15,196
9	Maryland	12	149,708	45,856	5,500	8,000	32,356	103,852	15,399	459	105,590	18	11,840
10	Massachusetts	94	1,137,511	467,909	55,880	93,350	318,679	669,602	125,023	2,710	962,901	105	103,439
11	Michigan	7	62,686	18,400	.....	.....	18,400	44,286	7,988	252	58,441	8	7,624
12	Minnesota	3	23,729	9,376	.....	.....	9,376	14,353	9,679	94	27,531	6	4,048
13	Missouri	11	174,955	76,250	3,000	3,000	70,250	98,705	17,408	437	121,608	17	25,930
14	New Hampshire	11	84,849	31,200	2,600	4,800	23,800	53,649	4,745	175	63,315	12	7,561
15	New Jersey	28	581,684	243,388	22,150	70,000	151,238	338,296	41,911	904	305,625	56	61,093

STATES AND TERRITORIES: 1890—Continued.

33.—BOTTLING. (See also Liquors, malt; Mineral and soda waters.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
15	$9,768	2,889	$1,477,089	57	$14,200	82	$14,605	15	$4,809	1	$75	.....	.....	$7,937,001	$13,583,418	1
.....	.....	58	31,463	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	128,539	228,396	2
.....	.....	39	14,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	84,920	146,040	3
1	450	169	85,227	.....	.....	2	230	.....	.....	.....	.....	.....	.....	537,297	850,719	4
.....	.....	46	22,264	.....	.....	5	676	.....	.....	.....	.....	.....	.....	91,845	140,130	5
2	1,160	89	37,702	7	1,150	1	200	.....	.....	.....	.....	.....	.....	183,086	369,853	6
1	600	57	26,272	1	260	.....	.....	.....	.....	.....	.....	.....	.....	133,329	221,965	7
.....	.....	45	22,323	.....	.....	8	2,034	.....	.....	.....	.....	.....	.....	186,098	284,045	8
1	260	32	12,383	3	540	.....	.....	1	400	.....	.....	.....	.....	188,636	339,170	9
.....	.....	26	13,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103,852	155,100	10
4	2,886	551	309,155	.....	.....	1	154	.....	.....	1	75	.....	.....	1,492,354	2,485,879	11
.....	.....	49	22,514	3	468	.....	.....	.....	.....	.....	.....	.....	.....	140,018	234,244	12
.....	.....	75	39,403	2	480	1	117	.....	.....	.....	.....	.....	.....	156,931	290,080	13
.....	.....	78	39,900	1	104	6	1,370	.....	.....	.....	.....	.....	.....	247,852	432,362	14
1	312	26	11,742	.....	.....	13	1,820	1	250	.....	.....	.....	.....	44,111	131,176	15
.....	.....	120	65,546	1	500	.....	.....	.....	.....	.....	.....	.....	.....	288,240	496,311	16
1	700	450	211,628	32	8,862	13	1,950	1	150	.....	.....	.....	.....	1,129,846	1,945,410	17
.....	.....	110	56,058	3	780	4	768	.....	.....	.....	.....	.....	.....	381,751	705,723	18
2	1,200	680	346,890	2	650	6	1,182	12	4,099	.....	.....	.....	.....	1,864,904	3,132,048	19
.....	.....	20	10,342	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68,417	129,117	20
.....	.....	16	7,544	.....	.....	14	3,240	.....	.....	.....	.....	.....	.....	59,242	84,750	21
1	2,000	43	16,349	2	400	.....	.....	.....	.....	.....	.....	.....	.....	115,536	195,879	22
.....	.....	24	22,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118,485	193,500	23
1	200	7	2,058	.....	.....	6	500	.....	.....	.....	.....	.....	.....	24,690	42,347	24
.....	.....	88	51,466	.....	.....	2	364	.....	.....	.....	.....	.....	.....	166,431	349,174	25

34.—BOXES, CIGAR.

15	9,354	2,489	1,085,438	938	256,976	291	28,997	282	115,691	1,195	312,370	20	$3,194	3,567,320	7,091,948	1
.....	.....	83	47,083	1	520	9	996	2	1,040	45	14,938	.....	.....	80,805	195,040	2
2	3,000	3	1,060	4	1,274	.....	.....	1	200	8	1,800	.....	.....	13,486	26,400	3
.....	.....	77	49,274	51	15,762	9	1,196	27	12,300	76	21,596	2	600	153,686	341,287	4
.....	.....	12	4,296	18	2,405	7	983	.....	.....	7	1,820	.....	.....	18,783	39,660	5
.....	.....	10	3,854	12	2,936	3	557	3	700	20	4,390	3	600	41,983	69,059	6
.....	.....	11	5,276	1	300	8	1,690	.....	.....	16	5,304	.....	.....	27,403	44,340	7
.....	.....	21	9,087	2	140	7	325	10	7,500	60	13,492	.....	.....	49,177	91,512	8
.....	.....	68	23,878	4	1,070	1	130	18	4,400	20	5,615	.....	.....	58,643	139,382	9
3	1,090	46	23,900	35	11,484	.....	.....	.....	.....	9	2,567	.....	.....	65,826	137,720	10
.....	.....	88	30,983	22	6,423	1	105	8	1,388	76	5,678	.....	.....	68,976	180,414	11
.....	.....	9	3,716	3	800	2	520	.....	.....	18	5,040	.....	.....	37,737	63,090	12
.....	.....	84	43,412	6	2,220	7	1,350	12	9,416	27	7,950	.....	.....	142,847	272,649	13
.....	.....	19	8,168	19	5,558	.....	.....	.....	.....	3	374	.....	.....	27,544	59,432	14
3	2,650	1,200	543,324	446	139,252	27	4,082	82	41,364	254	94,440	.....	.....	1,429,448	2,885,418	15
2	800	132	62,271	67	20,444	31	5,378	51	18,075	104	22,557	.....	.....	278,240	578,554	16
5	1,904	637	200,000	200	36,386	81	19,399	43	10,314	340	77,455	12	1,594	745,982	1,437,772	17
.....	.....	4	1,300	.....	.....	.....	.....	1	360	.....	.....	3	400	1,417	4,420	18
.....	.....	43	16,193	36	6,372	4	644	3	624	80	17,964	.....	.....	116,997	203,455	19
.....	.....	42	17,363	11	3,624	4	642	21	8,970	32	9,390	.....	.....	208,340	322,443	20

35.—BOXES, FANCY AND PAPER. (See also Fancy articles, not elsewhere specified.)

67	28,688	4,288	2,131,251	5,716	1,436,593	352	52,787	1,279	366,485	7,150	1,813,309	164	26,674	7,893,941	18,805,330	1
.....	.....	37	20,695	56	17,973	4	1,092	.....	.....	39	12,047	.....	.....	67,800	161,950	2
3	1,600	289	142,291	327	88,161	1	312	277	84,127	492	132,518	.....	.....	546,898	1,303,279	3
7	3,729	256	107,425	282	65,508	36	5,040	15	4,244	444	134,126	21	3,570	451,030	1,019,653	4
2	869	23	8,743	30	6,574	3	312	.....	.....	52	7,209	.....	.....	26,866	67,306	5
.....	.....	7	3,068	22	3,004	.....	.....	2	700	31	4,940	.....	.....	11,985	30,300	6
1	1,940	23	7,779	31	4,948	6	792	.....	.....	18	2,808	.....	.....	15,661	52,100	7
.....	.....	21	9,612	158	34,560	.....	.....	11	3,685	214	50,640	.....	.....	137,080	285,536	8
1	416	70	26,678	121	21,916	39	6,600	105	18,716	107	19,624	.....	.....	116,646	280,100	9
13	5,550	507	269,548	461	144,469	33	5,624	180	53,065	1,390	378,081	21	3,125	1,227,769	2,726,734	10
.....	.....	74	26,016	94	12,741	4	520	23	4,082	49	7,458	.....	.....	99,133	197,026	11
1	409	18	7,826	10	2,600	.....	.....	.....	.....	54	11,877	6	780	27,031	70,334	12
3	1,350	83	29,937	114	23,100	3	535	12	2,494	199	37,400	6	860	393,690	680,235	13
2	820	32	14,631	44	13,080	7	1,050	6	3,070	69	21,753	3	750	82,733	179,479	14
3	289	204	77,573	136	33,115	59	8,691	92	38,870	362	85,803	1	200	349,042	869,296	15

TABLE 5.—SPECIFIED INDUSTRIES, BY

35.—BOXES, FANCY AND PAPER—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
16	New York	207	$3,185,143	$1,343,387	$128,950	$279,339	$935,098	$1,841,756	422,507	7,059	$2,877,527	406	$482,493
17	Ohio	25	374,580	143,005	15,600	16,050	111,355	231,575	23,803	816	227,696	37	39,490
18	Pennsylvania	58	1,469,500	578,991	85,100	142,400	351,491	890,509	102,679	2,503	701,865	85	82,151
19	Rhode Island	6	83,700	45,100	3,900	6,500	34,700	38,600	24,896	259	69,119	5	4,365
20	Tennessee	3	20,300	7,500	.....	.....	7,500	12,800	2,420	74	15,042	5	3,300
21	Virginia	5	201,970	123,000	9,950	63,500	49,550	78,970	4,945	427	104,025	13	11,326
22	Wisconsin	7	85,205	56,260	14,000	18,000	24,260	28,945	5,240	177	55,135	8	8,712
23	All other states and territories. (a)	15	77,191	45,830	7,500	9,000	29,330	31,361	7,954	223	60,752	15	13,934

a Includes establishments distributed as follows: Colorado, 2; District of Columbia, 2; Georgia, 2; Kentucky, 2; Nebraska, 1; North Carolina, 1; Oregon, 1; Vermont, 2; West Virginia, 2.

36.—BOXES, WOODEN PACKING. (See also Lumber, planing mill products, including sash, doors, and blinds.)

1	The United States...	636	13,018,456	6,170,885	1,668,733	1,637,719	2,864,433	6,847,571	1,011,900	13,922	6,477,125	894	850,724
2	Alabama	3	10,055	7,105	.....	2,100	5,005	2,950	1,711	12	3,241	3	1,235
3	California	19	1,097,725	498,818	161,050	130,800	206,968	598,907	107,746	734	439,354	42	50,960
4	Colorado	3	11,450	4,700	.....	600	4,100	6,750	1,312	19	14,338	4	4,160
5	Connecticut	13	127,394	57,530	17,700	12,550	27,280	69,864	9,132	146	78,490	12	10,258
6	Delaware	3	36,100	30,500	12,200	7,000	11,300	5,600	1,875	40	10,813	6	2,808
7	Illinois	30	1,393,350	738,318	170,460	274,690	293,168	655,032	91,409	1,396	729,894	63	66,547
8	Indiana	9	85,185	50,055	13,620	17,760	18,675	35,130	5,199	147	54,735	12	9,306
9	Iowa	10	173,969	61,000	10,300	15,050	35,650	112,960	14,887	269	80,335	24	12,938
10	Kentucky	8	458,150	142,200	53,350	34,550	54,300	315,950	41,715	254	97,020	23	21,465
11	Louisiana	6	99,650	69,650	13,600	15,500	41,150	30,000	6,504	116	49,080	8	9,344
12	Maine	11	175,042	84,150	15,025	34,900	34,225	90,892	23,115	213	79,029	9	7,080
13	Maryland	16	539,108	245,835	63,183	81,450	101,202	293,273	30,471	739	299,156	22	25,941
14	Massachusetts	91	1,114,614	503,597	97,245	156,400	249,952	611,017	79,765	1,354	647,432	83	70,857
15	Michigan	24	735,197	337,301	87,150	76,244	173,907	397,896	51,693	746	302,387	44	40,190
16	Minnesota	7	242,800	131,600	50,000	14,500	67,100	111,200	14,597	224	118,036	20	23,000
17	Missouri	32	521,930	259,045	69,100	60,250	129,695	262,885	53,571	717	350,362	50	54,776
18	New Hampshire	29	331,075	152,630	25,900	46,000	80,730	178,445	16,036	370	156,950	23	12,818
19	New Jersey	17	325,125	121,060	38,070	30,580	52,410	204,065	28,396	550	256,638	28	35,105
20	New York	122	2,634,885	1,275,728	393,675	275,175	606,878	1,359,157	212,554	2,374	1,300,957	183	104,921
21	North Carolina	6	47,015	24,710	3,020	3,150	18,540	22,305	1,206	129	13,695	4	1,206
22	Ohio	34	560,259	239,139	52,320	74,025	112,794	321,120	51,594	682	299,750	44	38,599
23	Pennsylvania	63	948,083	524,020	144,025	141,975	238,020	424,063	69,621	917	460,995	77	65,790
24	Rhode Island	4	143,913	80,200	50,000	10,000	20,200	63,713	14,002	130	65,836	8	9,842
25	Tennessee	3	112,740	59,090	17,200	17,300	24,500	53,740	7,080	220	57,350	11	10,100
26	Vermont	17	282,452	60,112	2,850	14,300	42,962	222,340	17,437	238	90,194	9	8,196
27	Virginia	19	229,227	80,035	16,550	29,850	33,635	149,192	18,969	278	120,024	34	23,216
28	Wisconsin	24	381,937	202,477	70,220	33,920	98,337	179,460	23,508	565	191,553	30	27,170
29	All other states (a)	13	200,035	130,379	21,520	27,100	81,750	69,665	16,195	343	108,871	18	12,896

a Includes establishments distributed as follows: Arkansas, 2; Florida, 1; Georgia, 2; Kansas, 1; Oregon, 1; South Carolina, 2; Washington, 2; West Virginia, 2.

37.—BRASS.

1	The United States...	14	1,208,619	861,735	106,800	330,800	424,135	346,884	53,046	819	436,569	39	35,334
2	Connecticut	4	1,108,300	830,000	100,000	325,700	404,300	278,300	49,065	753	390,925	25	22,500
3	Massachusetts	3	43,862	15,285	2,900	1,600	10,785	28,577	1,495	22	14,926	3	3,164
4	Pennsylvania	4	34,300	10,800	2,500	1,500	6,800	23,500	1,665	30	19,772	8	6,340
5	All other states (a)	3	22,157	5,650	1,409	2,000	2,250	16,507	821	14	10,946	3	3,330

a Includes establishments distributed as follows: New Jersey, 1; New York, 1; Ohio, 1.

38.—BRASS AND COPPER, ROLLED.

1	The United States...	16	8,041,593	3,423,815	510,000	1,380,815	1,533,000	4,617,778	321,793	2,801	1,577,778	98	194,600
2	Connecticut	5	4,767,898	1,735,813	207,000	780,813	748,000	3,032,085	163,570	1,640	881,123	46	97,300
3	Massachusetts	3	983,589	370,002	85,000	145,002	140,000	613,587	55,199	350	200,655	12	24,640
4	New Jersey	4	416,000	198,000	23,000	80,000	95,000	218,000	8,572	159	122,044	16	31,960
5	All other states (a)	4	1,874,108	1,120,000	195,000	375,000	550,000	754,108	94,452	643	373,956	24	40,700

a Includes establishments distributed as follows: Michigan, 1; New York, 2; Pennsylvania, 1.

STATES AND TERRITORIES: 1890—Continued.

35.—BOXES, FANCY AND PAPER—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
25	$10,602	1,962	$1,075,637	2,390	$674,853	51	$7,553	420	$116,968	1,779	$595,459	26	$3,971	$2,935,934	$7,454,539	16
3	928	98	45,631	528	112,521	23	3,298	23	3,900	101	21,460	3	468	316,877	711,187	17
3	1,122	429	191,479	561	112,096	76	8,749	72	18,872	1,218	275,955	68	11,450	840,929	2,012,235	18
.....	.....	47	16,264	148	28,474	5	794	.....	.....	54	10,312	.....	.....	71,729	177,450	19
.....	.....	12	4,379	27	3,372	.....	.....	.....	.....	30	4,000	.....	.....	29,599	51,000	20
.....	.....	23	10,948	41	9,131	5	544	38	12,599	297	58,976	19	1,500	79,282	205,999	21
.....	.....	33	16,135	51	7,320	.....	.....	2	672	83	22,296	.....	.....	36,646	132,100	22
.....	.....	49	18,965	84	17,077	6	780	1	520	68	9,476	.....	.....	48,909	138,491	23

36.—BOXES, WOODEN PACKING. (See also Lumber, planing mill products, including sash, doors, and blinds.)

22	10,694	19,238	4,780,116	415	102,834	742	118,701	1,092	506,911	532	98,569	77	8,575	14,244,503	25,513,180	1
.....	.....	8	1,859	.....	.....	1	156	.....	.....	.....	.....	.....	.....	8,779	15,226	2
1	500	593	351,874	11	4,598	42	9,999	36	20,809	9	1,622	.....	.....	885,956	1,711,684	3
.....	.....	12	8,396	3	1,872	.....	.....	.....	.....	.....	.....	.....	.....	11,112	33,999	4
.....	.....	74	39,892	.....	.....	.....	.....	44	21,349	16	7,990	.....	.....	185,013	394,451	5
.....	.....	17	4,918	5	1,212	12	1,875	.....	.....	.....	.....	.....	.....	12,885	25,359	6
1	200	1,145	605,012	19	3,936	104	21,849	59	31,359	5	1,999	.....	.....	1,609,216	2,962,693	7
.....	.....	82	39,845	39	3,456	7	827	16	10,300	.....	.....	.....	.....	110,498	179,784	8
1	312	119	48,420	64	12,109	6	1,156	.....	.....	55	5,490	.....	.....	268,279	399,490	9
.....	.....	158	62,387	.....	.....	73	13,168	.....	.....	.....	.....	.....	.....	210,125	421,980	10
.....	.....	98	37,656	.....	.....	10	2,980	.....	.....	.....	.....	.....	.....	75,963	158,100	11
2	800	178	65,758	1	300	6	1,915	17	4,936	.....	.....	.....	.....	189,147	339,082	12
.....	.....	568	219,595	.....	.....	44	6,990	105	46,729	.....	.....	.....	.....	618,540	1,094,875	13
4	2,368	1,999	476,733	62	18,840	10	2,114	92	47,149	97	29,365	.....	.....	1,252,767	2,339,648	14
.....	.....	513	241,772	9	1,117	44	6,293	21	8,605	15	4,599	.....	.....	769,198	1,243,791	15
.....	.....	292	94,136	1	799	.....	.....	1	899	.....	.....	.....	.....	218,606	449,429	16
1	1,000	462	229,322	6	1,025	48	8,574	105	51,765	45	3,999	.....	.....	625,469	1,234,284	17
2	899	310	131,753	8	2,154	4	355	19	8,020	2	600	2	369	321,111	567,846	18
.....	.....	259	111,175	73	26,876	7	1,612	72	56,149	111	25,739	.....	.....	474,929	953,930	19
6	2,844	1,898	1,001,299	6	545	125	17,256	151	83,772	4	399	1	29	3,251,242	5,568,922	20
1	509	55	8,853	.....	.....	4	336	15	699	40	2,099	19	209	18,765	36,375	21
.....	.....	509	221,329	58	11,091	17	1,947	42	25,584	1	209	29	1,099	794,996	1,259,297	22
1	780	799	348,751	16	3,506	13	2,124	46	28,198	34	6,949	21	4,996	1,928,797	1,747,997	23
.....	.....	112	59,994	.....	.....	.....	.....	10	5,099	.....	.....	.....	.....	128,459	243,299	24
.....	.....	94	31,599	.....	.....	60	5,359	29	6,099	12	2,499	23	2,099	177,199	285,499	25
.....	.....	201	78,045	1	199	24	3,552	.....	.....	3	399	.....	.....	229,961	418,698	26
.....	.....	199	69,998	.....	.....	7	741	37	25,417	19	1,552	.....	.....	265,599	459,859	27
2	500	375	133,398	.....	.....	43	6,399	42	18,425	73	5,759	.....	.....	491,972	781,195	28
.....	.....	200	75,434	42	9,499	31	4,229	52	6,921	.....	.....	.....	.....	159,017	314,169	29

37.—BRASS.

.....	.....	765	386,499	.....	.....	.....	.....	15	14,775	.....	.....	.....	.....	1,765,695	2,549,869	1
.....	.....	713	353,659	.....	.....	.....	.....	15	14,775	.....	.....	.....	.....	1,522,845	2,224,969	2
.....	.....	19	11,782	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83,856	119,999	3
.....	.....	22	13,432	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	107,319	136,899	4
.....	.....	11	7,616	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51,575	79,999	5

38.—BRASS AND COPPER, ROLLED.

5	2,800	2,114	1,158,597	86	23,925	36	7,490	280	144,396	166	42,670	16	3,300	5,493,231	8,381,472	1
3	1,800	1,119	598,685	68	20,000	15	2,275	216	115,093	166	42,670	16	3,300	2,695,031	4,169,938	2
.....	.....	285	152,612	.....	.....	.....	.....	53	23,493	.....	.....	.....	.....	877,979	1,318,568	3
.....	.....	133	85,984	.....	.....	.....	.....	10	5,999	.....	.....	.....	.....	355,690	524,349	4
2	1,000	577	322,216	18	3,925	21	5,215	1	900	.....	.....	.....	.....	1,654,840	2,368,626	5

TABLE 5.—SPECIFIED INDUSTRIES, BY

39.—BRASS CASTINGS AND BRASS FINISHING. (See also Bronze castings; Plumbers' supplies.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	453	$18,663,286	$8,451,459	$1,842,848	$2,440,097	$4,168,514	$10,211,827	$1,222,989	11,903	$6,922,489	941	$1,155,169
2	Alabama	3	22,110	8,210	3,500	2,610	2,100	13,900	317	21	11,939	6	4,555
3	California	10	158,906	85,300	13,750	36,200	35,350	73,606	20,318	116	90,536	13	12,549
4	Connecticut	25	7,109,461	3,290,414	734,600	1,193,100	1,362,714	3,819,047	536,761	3,405	1,801,552	76	117,065
5	Illinois	29	625,221	278,692	19,100	25,604	233,988	346,529	52,235	651	418,163	76	88,177
6	Indiana	5	22,364	7,425	.....	500	6,925	14,939	3,518	40	19,147	10	5,840
7	Kentucky	5	29,170	22,850	3,000	5,000	14,850	6,320	1,741	27	15,936	6	5,440
8	Louisiana	3	14,500	8,100	2,000	1,400	4,700	6,400	435	19	9,466	2	1,848
9	Maine	3	30,200	19,000	5,000	2,000	12,000	11,200	1,865	14	8,634	5	4,560
10	Maryland	7	1,472,361	276,800	3,000	140,000	133,800	1,195,561	30,652	1,187	663,056	54	128,328
11	Massachusetts	51	1,172,565	479,361	67,500	125,465	286,396	693,204	103,027	896	584,348	85	99,289
12	Michigan	16	884,930	380,875	29,259	110,214	241,402	504,055	81,135	770	408,194	52	63,748
13	Minnesota	6	89,400	53,360	26,500	6,200	20,660	36,100	4,358	59	39,865	11	10,360
14	Missouri	14	323,254	131,804	25,600	34,200	71,804	191,450	24,990	305	203,887	29	36,420
15	New Jersey	30	443,107	235,721	53,200	87,400	95,121	207,386	12,688	302	179,023	40	37,875
16	New York	101	1,969,034	1,252,402	378,577	245,317	628,508	716,632	97,160	1,327	854,986	184	208,041
17	Ohio	50	1,330,860	562,163	71,350	83,455	407,358	768,697	93,189	1,308	706,251	97	101,982
18	Pennsylvania	64	2,444,637	1,100,518	353,037	284,207	463,274	1,344,119	128,786	1,119	718,353	155	186,442
19	Rhode Island	10	98,215	58,000	12,500	23,500	22,000	40,215	3,645	58	35,820	9	9,140
20	Wisconsin	5	311,942	138,675	30,600	24,625	83,450	173,267	15,221	195	97,918	14	15,440
21	All other states and territories. (a)	16	111,049	61,849	10,575	9,100	42,174	49,200	10,348	84	55,415	17	18,070

a Includes establishments distributed as follows: Colorado, 2; Delaware, 1; District of Columbia, 2; Iowa, 1; Kansas, 1; New Hampshire, 2; Oregon, 1; Tennessee, 1; Texas, 1; Vermont, 1; Virginia, 1; Washington, 1; West Virginia, 1.

40.—BRASSWARE.

1	The United States...	113	10,866,001	4,153,067	626,250	1,255,465	2,271,352	6,712,934	844,475	7,518	4,057,058	340	490,435
2	California	3	6,860	4,100	.....	.....	4,100	2,760	1,279	12	8,090	1	1,040
3	Connecticut	23	9,148,826	3,292,996	564,100	1,051,315	1,677,581	6,855,330	710,036	5,905	3,017,659	184	281,314
4	Illinois	8	23,625	10,300	.....	.....	10,300	13,325	3,994	63	31,358	14	9,430
5	Massachusetts	8	61,110	32,950	.....	.....	32,950	28,160	4,829	33	19,494	6	4,049
6	New Jersey	5	418,345	208,275	25,000	75,000	108,275	210,070	3,753	185	186,886	20	37,320
7	New York	43	722,675	337,386	19,350	67,650	250,386	385,289	81,330	993	601,728	80	113,830
8	Ohio	3	33,575	23,300	6,300	3,500	13,500	10,275	2,371	37	18,228	5	4,280
9	Pennsylvania	13	225,465	94,750	10,000	10,000	74,750	130,715	26,237	163	110,409	18	24,636
10	All other states (a)	7	226,020	149,010	1,500	48,000	99,510	77,010	10,586	127	63,206	12	14,536

a Includes establishments distributed as follows: Maryland, 2; Missouri, 2; Rhode Island, 2; Wisconsin, 1.

41.—BREAD AND OTHER BAKERY PRODUCTS.

1	The United States...	10,484	45,758,489	30,283,790	9,480,559	11,555,107	9,248,124	15,474,699	6,388,722	52,762	28,789,047	11,614	8,845,428
2	Alabama	33	153,832	109,974	34,300	39,400	36,274	43,858	17,834	178	76,022	35	22,845
3	Arkansas	13	21,014	15,600	4,400	4,500	6,700	5,414	6,343	48	26,121	11	9,904
4	California	236	1,306,765	893,190	338,675	195,545	360,970	413,575	334,054	1,415	1,024,215	288	286,568
5	Colorado	58	381,385	202,402	34,800	31,500	136,102	178,983	57,482	389	290,536	80	99,462
6	Connecticut	194	872,633	523,366	118,250	184,350	220,766	349,267	122,126	1,218	723,786	209	174,230
7	Delaware	44	277,335	208,951	66,000	93,400	49,551	68,384	20,821	150	81,303	43	28,422
8	District of Columbia	88	657,163	491,869	236,100	149,400	106,369	165,300	44,809	589	350,855	106	84,580
9	Florida	8	12,790	6,480	.....	.....	6,480	6,310	5,989	53	26,917	18	13,372
10	Georgia	76	394,356	179,700	40,116	55,300	84,284	214,656	60,660	496	190,774	79	55,844
11	Illinois	536	3,332,200	2,243,248	855,000	748,756	639,492	1,088,952	445,392	3,567	2,004,261	637	516,419
12	Indiana	264	795,325	583,204	189,867	241,367	151,970	212,121	84,306	1,025	504,420	253	178,416
13	Iowa	124	914,153	545,416	137,500	213,700	194,216	388,737	81,645	804	410,450	176	148,477
14	Kansas	91	314,957	205,313	89,465	75,000	60,848	109,644	54,704	350	168,860	92	58,518
15	Kentucky	216	645,947	467,744	138,435	220,940	108,369	178,203	90,177	796	364,322	222	145,129
16	Louisiana	172	623,074	328,363	97,225	123,020	108,118	294,711	108,256	869	425,825	196	142,294
17	Maine	50	338,754	127,622	29,524	31,376	60,722	211,132	49,399	392	179,364	89	65,686
18	Maryland	381	1,109,321	663,465	143,259	291,183	229,023	446,456	89,191	1,581	700,143	426	261,003
19	Massachusetts	703	2,775,676	1,578,248	434,907	519,364	623,977	1,197,428	548,753	4,479	2,471,186	790	600,447
20	Michigan	246	1,003,759	632,901	166,800	221,050	245,051	370,858	121,592	1,209	621,747	293	216,999
21	Minnesota	118	550,129	308,950	86,750	80,550	141,050	241,179	65,344	670	346,416	138	103,767
22	Mississippi	17	74,312	52,470	15,150	31,100	6,220	21,842	6,570	80	33,007	18	9,380
23	Missouri	406	1,807,004	1,235,045	383,865	497,015	353,565	571,959	222,073	2,005	1,096,316	473	376,475
24	Montana	6	56,400	38,600	21,500	8,800	8,300	17,800	4,582	26	26,909	6	6,500
25	Nebraska	57	560,941	348,503	139,100	95,950	113,453	212,438	36,964	512	235,315	96	69,534
26	New Hampshire	56	183,871	96,885	29,100	30,400	37,385	86,986	28,176	241	128,007	42	29,923

STATES AND TERRITORIES: 1890—Continued.

39.—BRASS CASTINGS AND BRASS FINISHING. (See also Bronze castings; Plumbers' supplies.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
19	$8,987	9,607	$5,177,731	283	$79,717	97	$17,424	670	$389,046	266	$89,415	20	$5,000	$12,249,607	$24,344,434	1
.....	.....	15	7,384	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26,333	59,950	2
.....	.....	99	77,312	.....	.....	3	500	1	175	.....	.....	.....	.....	157,867	299,574	3
2	1,220	2,391	1,246,338	162	46,918	.....	.....	491	296,136	263	88,875	20	5,000	4,237,237	7,428,011	4
4	1,930	535	312,022	19	6,396	7	1,066	10	8,572	.....	.....	.....	.....	731,821	1,474,123	5
.....	.....	30	13,307	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36,683	62,236	6
.....	.....	20	10,364	.....	.....	1	132	.....	.....	.....	.....	.....	.....	16,576	43,050	7
.....	.....	17	7,618	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,425	28,364	8
.....	.....	9	4,074	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,090	24,604	9
.....	.....	1,082	522,124	50	12,500	1	104	.....	.....	.....	.....	.....	.....	785,945	1,903,850	10
5	2,685	800	477,715	.....	.....	.....	.....	6	4,659	.....	.....	.....	.....	696,298	1,646,425	11
.....	.....	687	337,662	11	2,424	19	3,320	1	1,040	.....	.....	.....	.....	442,104	1,051,908	12
.....	.....	48	29,505	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125,862	206,400	13
.....	.....	274	167,301	.....	.....	1	156	1	10	.....	.....	.....	.....	354,242	693,486	14
.....	.....	240	132,005	.....	.....	12	2,650	10	6,493	.....	.....	.....	.....	514,489	795,005	15
2	760	1,106	633,335	23	6,000	6	1,050	6	5,800	.....	.....	.....	.....	863,484	2,383,616	16
4	1,624	1,060	545,971	14	3,864	27	4,170	103	48,100	3	540	.....	.....	751,899	1,888,000	17
2	768	929	519,123	3	1,240	13	3,092	17	7,688	.....	.....	.....	.....	2,076,535	3,652,526	18
.....	.....	48	26,605	.....	.....	1	75	.....	.....	.....	.....	.....	.....	79,608	127,937	19
.....	.....	151	70,651	1	375	5	1,079	24	10,373	.....	.....	.....	.....	227,105	370,451	20
.....	.....	66	37,315	.....	.....	1	30	.....	.....	.....	.....	.....	.....	104,914	204,918	21

40.—BRASSWARE.

21	9,554	4,230	2,463,037	842	236,385	96	15,975	1,063	554,410	906	284,262	20	3,000	7,089,202	13,615,172	1
.....	.....	11	7,050	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,960	17,110	2
12	5,251	3,006	1,697,431	673	197,028	81	13,119	1,035	539,014	894	281,502	20	3,000	5,983,668	10,711,945	3
1	300	46	21,108	.....	.....	.....	.....	2	520	.....	.....	.....	.....	32,707	78,652	4
1	364	18	12,450	2	1,071	.....	.....	.....	.....	6	1,560	.....	.....	34,820	96,703	5
.....	.....	165	149,566	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	324,117	633,680	6
4	2,342	749	444,382	137	33,286	9	1,332	8	5,356	6	1,200	.....	.....	502,085	1,467,649	7
.....	.....	32	13,948	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,810	55,400	8
3	1,297	119	73,588	.....	.....	5	1,368	18	9,520	.....	.....	.....	.....	140,056	378,555	9
.....	.....	84	43,514	30	5,000	1	156	.....	.....	.....	.....	.....	.....	46,979	175,478	10

41.—BREAD AND OTHER BAKERY PRODUCTS.

2,307	823,360	33,068	17,675,667	4,190	1,074,431	813	142,221	277	102,028	482	124,329	11	1,583	72,507,579	128,421,535	1
11	2,652	114	45,577	3	676	1	72	.....	.....	14	4,200	.....	.....	233,405	473,699	2
.....	.....	29	14,956	5	861	3	400	.....	.....	.....	.....	.....	.....	43,902	86,855	3
67	28,846	952	667,483	98	37,118	12	4,200	.....	.....	.....	.....	.....	.....	2,135,324	4,112,577	4
11	7,848	214	157,136	48	15,036	1	104	.....	.....	35	11,050	.....	.....	630,777	1,195,324	5
57	22,692	841	500,234	83	23,442	28	3,188	.....	.....	.....	.....	.....	.....	2,042,081	3,380,278	6
7	2,342	91	48,812	7	1,319	2	408	.....	.....	.....	.....	.....	.....	188,967	350,300	7
9	4,248	449	256,028	21	5,599	4	400	.....	.....	.....	.....	.....	.....	302,672	1,409,575	8
1	360	28	12,199	5	936	1	50	.....	.....	.....	.....	.....	.....	42,759	87,524	9
10	2,920	316	115,716	85	15,090	6	1,204	.....	.....	.....	.....	.....	.....	786,572	1,241,349	10
125	48,198	2,238	1,278,346	446	124,090	81	19,223	.....	.....	40	17,985	.....	.....	4,916,491	8,832,725	11
32	8,448	651	300,480	72	15,123	17	1,953	.....	.....	.....	.....	.....	.....	1,342,203	2,282,818	12
33	10,635	453	225,376	119	22,256	16	2,356	1	400	6	950	.....	.....	1,326,901	2,132,888	13
16	4,779	211	99,742	21	4,055	9	1,454	1	312	.....	.....	.....	.....	378,052	754,716	14
40	17,686	410	174,765	72	14,919	9	1,365	13	5,100	23	4,440	7	918	914,990	1,619,119	15
20	9,021	568	257,249	17	5,472	26	3,699	12	6,750	30	1,340	.....	.....	1,316,149	2,191,126	16
28	7,160	204	95,483	70	11,485	1	150	.....	.....	.....	.....	.....	.....	564,493	925,460	17
43	17,754	1,015	402,199	79	16,510	13	1,734	5	943	.....	.....	.....	.....	2,097,891	3,550,709	18
415	142,626	2,711	1,559,635	384	123,686	36	7,383	25	3,633	118	33,776	.....	.....	5,923,736	10,755,915	19
52	16,424	731	363,020	84	17,375	25	3,887	1	400	23	3,642	.....	.....	1,755,398	2,951,868	20
53	16,871	391	205,953	62	15,024	22	3,137	4	1,664	.....	.....	.....	.....	720,917	1,451,625	21
4	2,064	51	21,135	1	84	6	344	.....	.....	.....	.....	.....	.....	83,717	144,852	22
56	18,741	1,170	621,941	230	61,830	33	6,640	3	689	40	10,000	.....	.....	3,116,087	5,165,177	23
3	1,740	17	18,669	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50,318	102,500	24
11	4,416	285	137,291	77	19,226	42	4,592	1	256	.....	.....	.....	.....	595,302	1,087,713	25
11	3,544	165	87,558	22	6,774	1	208	.....	.....	.....	.....	.....	.....	324,628	592,294	26

TABLE 5.—SPECIFIED INDUSTRIES, BY

41.—BREAD AND OTHER BAKERY PRODUCTS—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
27	New Jersey	453	$2,095,566	$1,620,940	$416,930	$837,135	$366,875	$474,626	$216,599	2,135	$1,264,684	437	$354,680
28	New York	2,419	10,016,357	6,524,590	1,922,884	2,310,323	2,291,383	3,491,767	1,862,863	13,186	7,920,185	2,811	2,358,111
29	North Carolina	17	33,485	25,275	7,575	9,200	8,500	8,210	3,375	41	15,188	8	5,604
30	Ohio	790	3,015,950	2,151,177	712,024	887,815	551,338	864,773	482,632	3,642	1,757,192	864	585,260
31	Oregon	12	109,699	46,700	.....	.....	46,700	62,999	24,235	137	105,548	28	34,924
32	Pennsylvania	1,936	7,806,136	5,690,532	1,877,323	2,549,122	1,264,087	2,175,604	714,970	6,915	3,423,378	1,846	1,235,330
33	Rhode Island	83	528,373	307,115	98,400	97,500	111,215	221,258	66,506	559	314,027	87	67,853
34	South Carolina	39	389,462	227,485	93,975	94,075	39,435	161,977	18,436	261	108,547	53	34,331
35	Tennessee	50	407,939	228,910	74,920	76,100	77,890	179,029	53,302	427	208,471	102	63,510
36	Texas	65	206,188	130,223	42,950	35,625	51,648	75,965	33,462	285	169,245	60	58,473
37	Utah	12	98,295	80,400	37,500	21,500	21,400	17,805	11,066	73	43,026	10	9,760
38	Vermont	16	239,035	123,300	28,300	61,300	33,700	115,735	18,809	110	70,436	34	35,734
39	Virginia	76	391,320	261,805	85,075	106,950	69,780	129,515	39,270	488	210,053	103	68,605
40	Washington	22	122,820	79,550	20,200	18,350	41,000	43,270	22,534	174	133,450	19	20,960
41	West Virginia	32	98,817	63,094	19,200	29,439	14,455	35,723	14,142	110	55,552	33	22,748
42	Wisconsin	256	936,863	604,790	228,420	227,407	148,963	332,073	85,367	1,000	425,483	282	174,152
43	Wyoming	7	19,345	14,700	2,400	7,600	4,700	4,645	2,467	16	10,059	5	3,339
44	All other states (*a*)	7	19,137	15,695	4,395	2,100	9,200	3,442	11,449	61	47,346	7	8,460

a Includes establishments distributed as follows: Nevada, 1; North Dakota, 5; South Dakota, 1.

42.—BRICK AND TILE. (See also Clay and pottery products, and special report on Clay products in Part III.)

1	The United States	5,828	82,578,566	53,629,375	21,031,133	14,601,040	17,997,196	28,949,191	5,108,769	109,151	32,695,189	4,921	2,966,263
2	Alabama	59	705,168	463,743	107,658	147,570	208,515	241,425	53,364	1,579	350,689	48	30,446
3	Arizona	3	1,210	610	55	55	500	600	37	31	2,600	.....	.....
4	Arkansas	48	296,028	212,098	90,916	32,765	88,417	83,930	32,992	709	167,675	30	25,592
5	California	52	1,478,991	727,711	198,800	241,546	287,365	751,280	83,013	1,447	628,842	55	55,063
6	Colorado	83	1,747,782	735,552	364,815	110,210	260,527	1,012,230	114,461	2,254	1,099,513	109	100,065
7	Connecticut	28	971,710	577,393	234,393	131,600	211,400	394,317	23,739	992	317,200	41	30,418
8	Delaware	13	250,982	160,083	7,625	88,250	64,208	90,899	19,923	427	143,136	17	15,086
9	District of Columbia	13	772,681	575,650	321,500	78,300	175,850	197,031	63,031	1,204	442,929	22	25,359
10	Florida	12	139,770	114,365	54,315	19,550	40,500	25,405	12,353	237	60,597	22	11,239
11	Georgia	61	950,263	650,658	319,050	125,323	206,285	299,605	68,580	2,080	473,872	61	46,420
12	Idaho	5	11,405	3,850	700	1,600	1,550	7,555	1,102	38	4,710	3	510
13	Illinois	604	8,995,599	6,155,722	2,149,830	1,885,629	2,120,263	2,839,877	575,457	9,697	3,216,826	540	329,996
14	Indiana	764	3,181,744	2,067,451	628,463	691,525	747,463	1,114,293	175,084	6,137	1,317,120	535	180,913
15	Iowa	260	1,802,942	1,206,751	407,690	368,663	430,398	596,191	84,811	2,742	707,368	196	78,004
16	Kansas	87	788,007	446,777	128,820	111,265	206,692	341,830	45,896	1,280	313,146	52	27,478
17	Kentucky	99	826,958	537,345	238,085	125,731	173,529	289,613	79,871	1,957	476,845	99	63,306
18	Louisiana	22	315,453	240,138	110,175	61,250	68,713	75,315	18,254	540	143,051	29	20,007
19	Maine	118	437,055	225,238	78,706	62,042	84,490	212,417	30,383	1,073	279,138	66	27,802
20	Maryland	64	2,560,902	1,362,651	550,651	382,206	429,794	1,198,251	279,437	2,508	681,475	72	54,347
21	Massachusetts	110	3,014,277	1,657,986	720,390	498,071	439,525	1,356,291	156,191	3,261	1,090,450	129	91,027
22	Michigan	185	1,585,955	1,117,073	478,490	226,294	412,289	468,882	67,479	2,616	538,750	130	42,582
23	Minnesota	117	1,584,356	1,020,480	619,590	152,950	247,940	563,876	77,487	2,221	502,183	148	59,686
24	Mississippi	33	196,745	115,300	36,425	36,320	42,555	81,445	11,053	696	134,073	28	11,634
25	Missouri	232	4,690,716	3,456,366	1,572,769	903,140	980,457	1,234,350	251,978	4,834	1,706,492	224	175,160
26	Montana	11	173,650	107,200	42,540	22,560	42,100	66,450	9,335	252	104,342	8	6,440
27	Nebraska	155	2,791,774	1,770,372	674,760	614,775	480,837	1,021,402	138,257	2,720	844,850	133	84,309
28	New Hampshire	62	535,723	231,685	88,475	56,625	86,585	304,038	28,690	1,498	342,275	28	13,290
29	New Jersey	95	5,090,722	3,830,300	1,203,950	1,195,150	1,431,200	1,260,422	246,487	4,798	1,529,481	127	93,507
30	New York	275	8,411,230	5,680,333	2,109,331	1,492,332	2,078,670	2,730,897	944,775	10,806	3,435,415	268	204,383
31	North Carolina	62	263,644	154,410	59,935	31,595	62,880	109,234	11,940	1,037	148,110	41	16,307
32	North Dakota	6	30,095	16,670	5,270	5,300	6,100	13,425	1,888	80	18,495	2	950
33	Ohio	875	6,212,838	3,960,003	1,294,326	1,200,048	1,465,629	2,252,835	368,908	9,301	2,649,165	639	327,618
34	Oklahoma	3	2,990	2,550	1,500	500	550	440	390	16	6,684	2	497
35	Oregon	47	656,151	403,155	294,750	39,455	68,950	252,996	15,237	701	237,773	38	38,069
36	Pennsylvania	509	12,917,835	8,345,793	3,414,045	2,543,217	2,388,531	4,572,042	636,165	13,612	4,764,392	456	372,564
37	South Carolina	39	232,432	151,738	54,798	24,770	72,170	80,694	16,450	787	121,238	23	10,115
38	South Dakota	11	103,605	60,530	23,325	10,030	27,175	43,075	3,678	219	49,947	14	5,534
39	Tennessee	78	1,046,216	641,545	218,197	97,358	325,990	404,671	55,756	2,090	656,806	78	59,356
40	Texas	124	1,054,414	688,348	304,085	140,155	243,208	366,066	53,868	2,040	564,378	83	53,375
41	Utah	40	279,147	158,925	82,780	12,485	63,660	120,222	27,601	758	232,458	30	16,101
42	Vermont	16	86,575	45,775	22,700	10,925	12,150	40,800	3,086	107	34,973	7	2,517
43	Virginia	88	1,547,617	970,765	455,005	140,580	375,180	576,852	46,615	2,441	607,211	82	48,698
44	Washington	86	1,958,965	677,265	235,755	128,255	313,255	381,700	55,702	1,826	684,461	60	37,292
45	West Virginia	27	202,946	155,297	54,915	50,828	49,554	47,649	3,036	403	116,781	15	9,165
46	Wisconsin	137	2,388,393	1,575,505	886,085	259,873	429,547	812,888	114,503	2,819	689,795	114	69,157
47	Wyoming	7	28,970	19,570	13,795	1,875	3,900	9,400	351	31	11,410	2	390
48	All other states and territories. (*a*)	3	154,735	150,650	70,000	40,500	40,150	4,085	75	159	55,069	6	4,489

a Includes establishments distributed as follows: Indian territory, 1; Rhode Island, 2.

STATES AND TERRITORIES: 1890—Continued.

41.—BREAD AND OTHER BAKERY PRODUCTS—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
52	$22,552	1,430	$829,328	125	$41,256	85	$14,748	6	$2,120	.....	.....	.....	.....	$3,204,565	$5,545,976	27
638	232,375	8,722	5,043,171	777	218,186	94	18,381	108	40,597	36	$9,364	.....	.....	18,707,269	33,131,101	28
.....	.....	27	8,785	4	447	1	52	1	300	.....	.....	.....	.....	35,365	68,225	29
148	47,996	2,144	1,024,766	434	87,638	36	5,448	16	6,084	.....	.....	.....	.....	4,180,736	7,869,466	30
.....	.....	89	65,968	3	970	17	3,686	.....	.....	.....	.....	.....	.....	284,626	508,817	31
215	71,425	4,139	1,945,848	441	105,147	125	20,292	36	19,169	111	25,932	2	$235	8,857,197	15,785,726	32
24	7,630	398	222,498	40	11,341	4	918	6	3,787	.....	.....	.....	.....	898,399	1,546,567	33
17	5,408	180	66,858	8	1,710	3	240	.....	.....	.....	.....	.....	.....	284,565	510,651	34
16	5,936	269	131,075	25	4,540	3	260	6	1,500	6	1,650	.....	.....	716,382	1,277,641	35
3	1,800	183	101,290	27	7,248	3	434	.....	.....	.....	.....	.....	.....	423,174	758,522	36
3	930	43	27,490	14	4,378	3	468	.....	.....	.....	.....	.....	.....	90,834	177,396	37
5	1,750	62	30,468	8	2,328	1	156	.....	.....	.....	.....	.....	.....	165,377	330,847	38
23	7,758	326	128,064	20	2,902	10	1,424	5	1,170	.....	.....	1	130	562,282	922,364	39
4	1,410	136	106,440	5	1,680	10	2,960	.....	.....	.....	.....	.....	.....	266,726	534,295	40
10	4,012	55	25,115	3	1,450	9	2,227	.....	.....	.....	.....	.....	.....	121,745	229,380	41
33	10,155	517	213,042	127	18,534	13	2,146	27	7,154	.....	.....	1	300	1,209,613	2,064,288	42
.....	.....	9	6,240	1	250	1	230	.....	.....	.....	.....	.....	.....	32,851	54,478	43
1	208	34	32,238	19	6,440	.....	.....	.....	.....	.....	.....	.....	.....	131,841	227,415	44

42.—BRICK AND TILE. (See also Clay and pottery products, and special report on Clay products in Part III.)

54	19,569	93,614	27,471,360	152	21,616	4,369	474,926	5,584	1,675,949	63	15,811	397	49,695	12,639,597	67,770,695	1
.....	.....	1,306	284,005	7	784	136	16,796	65	16,762	6	60	11	1,836	160,754	778,950	2
.....	.....	31	2,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	700	4,300	3
.....	.....	548	125,374	.....	.....	65	7,075	57	9,634	.....	.....	.....	.....	100,107	484,885	4
.....	.....	1,275	546,028	1	360	4	486	112	26,905	.....	.....	.....	.....	345,349	1,371,654	5
1	262	2,002	941,037	4	660	55	9,558	83	47,931	.....	.....	.....	.....	306,933	2,023,076	6
.....	.....	881	256,748	5	1,320	5	650	51	24,500	9	3,564	.....	.....	105,930	595,200	7
.....	.....	379	123,104	.....	.....	17	1,646	10	2,700	.....	.....	4	600	30,341	268,534	8
.....	.....	1,031	384,708	.....	.....	75	15,000	72	16,862	.....	.....	4	1,000	208,430	846,950	9
.....	.....	189	45,073	1	175	22	3,110	3	1,000	.....	.....	.....	.....	19,805	119,266	10
.....	.....	1,816	403,394	.....	.....	58	4,683	140	19,350	.....	.....	5	125	253,922	1,201,542	11
.....	.....	35	4,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,690	9,800	12
4	1,450	7,878	2,503,829	16	2,181	333	36,550	888	335,543	.....	.....	43	7,267	1,069,369	6,399,492	13
3	750	4,997	1,016,862	10	709	189	16,089	381	99,837	4	280	18	1,710	449,195	2,829,033	14
3	776	2,325	584,723	.....	.....	71	5,286	134	37,246	4	363	9	970	282,431	1,537,890	15
2	443	1,054	244,717	4	420	65	5,449	103	34,639	.....	.....	.....	.....	128,701	667,457	16
3	815	1,509	363,818	.....	.....	108	9,252	215	47,526	.....	.....	23	2,128	185,577	1,011,603	17
.....	.....	447	109,421	4	700	15	918	40	11,173	.....	.....	5	832	55,841	291,125	18
.....	.....	923	214,005	2	714	4	300	40	24,731	37	11,544	1	42	132,157	511,760	19
1	50	1,793	504,582	.....	.....	67	6,809	545	113,797	.....	.....	30	1,890	217,385	1,481,603	20
3	1,195	3,021	963,939	3	630	.....	.....	105	33,659	.....	.....	.....	.....	598,587	2,314,406	21
1	350	2,375	478,385	8	1,433	42	3,220	60	12,780	.....	.....	.....	.....	218,353	1,179,605	22
.....	.....	1,958	428,585	7	443	81	6,589	22	6,700	.....	.....	5	180	255,956	1,116,739	23
.....	.....	563	106,932	.....	.....	45	3,107	60	12,400	.....	.....	.....	.....	61,643	295,939	24
5	3,252	3,935	1,372,750	3	230	336	47,326	299	105,715	.....	.....	32	2,059	709,626	3,503,906	25
.....	.....	230	91,802	.....	.....	2	100	12	6,000	.....	.....	.....	.....	53,088	238,610	26
1	155	2,377	726,607	4	497	145	20,102	60	13,180	.....	.....	.....	.....	484,918	2,173,632	27
.....	.....	1,467	328,631	2	264	1	90	.....	.....	.....	.....	.....	.....	192,458	789,856	28
2	920	4,420	1,381,644	.....	.....	131	12,513	108	36,935	.....	.....	10	902	510,654	2,826,074	29
5	1,768	10,260	3,184,113	19	2,438	206	25,461	47	17,049	.....	.....	1	203	1,121,035	6,683,529	30
.....	.....	902	125,910	1	100	90	5,721	.....	.....	.....	.....	3	72	64,313	333,150	31
.....	.....	78	17,545	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,595	45,775	32
5	2,140	7,606	2,107,744	8	513	332	30,673	662	173,463	.....	.....	49	7,014	1,022,930	5,813,437	33
.....	.....	14	6,187	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,491	11,500	34
.....	.....	649	198,601	.....	.....	12	1,023	2	80	.....	.....	.....	.....	66,230	401,648	35
10	3,128	11,073	3,929,541	20	4,136	1,015	128,068	908	306,793	.....	.....	130	20,102	1,741,000	9,403,715	36
.....	.....	698	106,830	.....	.....	64	4,228	2	65	.....	.....	.....	.....	45,650	265,598	37
.....	.....	205	44,413	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,623	134,650	38
.....	.....	1,788	578,600	8	1,483	172	13,334	37	3,962	.....	.....	7	71	188,797	1,244,367	39
1	250	1,814	480,661	1	150	59	7,311	82	22,631	.....	.....	.....	.....	249,132	1,214,690	40
.....	.....	638	199,450	.....	.....	63	7,275	24	9,092	.....	.....	3	540	66,551	421,658	41
.....	.....	184	32,006	.....	.....	6	450	.....	.....	.....	.....	.....	.....	17,008	89,991	42
.....	.....	2,141	536,923	.....	.....	137	8,258	77	13,306	.....	.....	4	32	214,553	1,343,598	43
2	1,000	1,716	631,260	7	726	18	1,171	23	13,012	.....	.....	.....	.....	213,884	1,389,650	44
1	65	344	100,998	.....	.....	34	3,813	9	2,740	.....	.....	.....	.....	57,309	249,493	45
1	800	2,568	589,065	7	550	85	5,336	44	15,887	.....	.....	.....	.....	373,361	1,642,465	46
.....	.....	29	11,020	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,723	25,900	47
.....	.....	147	49,980	.....	.....	4	200	2	400	.....	.....	.....	.....	28,512	123,000	48

TABLE 5.—SPECIFIED INDUSTRIES, BY

43.—BRIDGES.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.	Officers, firm members, and clerks. Males above 16 years. Number.	Wages.
1	The United States...	137	$10,960,218	$4,251,486	$755,768	$978,252	$2,517,466	$6,708,732	$652,947	8,021	$5,681,364	533	$728,161
2	California	7	168,275	49,400	.....	.....	49,400	118,875	30,304	206	135,222	22	31,840
3	Illinois	10	1,357,500	715,500	127,000	130,000	458,500	642,000	96,387	897	627,510	41	58,780
4	Iowa	9	260,047	94,225	7,500	23,000	63,725	165,822	23,221	312	159,489	29	33,973
5	Kansas	3	120,090	39,090	9,000	7,150	22,940	81,000	5,713	352	350,934	33	41,664
6	Kentucky	3	15,000	10,800	5,000	5,000	800	4,200	2,170	14	7,137	3	2,637
7	Massachusetts	10	137,550	54,300	.....	.....	54,300	83,250	10,128	202	145,988	12	9,292
8	Michigan	4	440,100	186,100	16,000	44,600	126,100	254,000	6,609	283	183,555	14	28,420
9	Minnesota	7	82,142	36,282	13,000	2,000	21,282	45,860	8,335	158	90,616	13	17,038
10	Missouri	9	278,046	66,815	10,200	5,200	51,415	211,231	42,928	498	298,993	24	30,757
11	Montana	5	10,733	1,193	.....	.....	1,193	9,540	1,062	61	14,605	5	1,988
12	New Jersey	3	406,855	158,200	40,000	15,000	103,200	248,655	28,098	280	135,887	3	5,340
13	New York	17	1,618,059	544,758	59,900	146,265	338,593	1,073,301	97,655	1,761	1,004,647	52	81,060
14	Ohio	15	1,799,596	553,750	94,782	120,381	338,587	1,245,846	75,304	949	608,219	65	92,640
15	Oregon	4	521,800	171,900	71,250	56,150	44,500	349,900	8,550	516	379,700	11	17,200
16	Pennsylvania	15	3,350,104	1,428,973	289,386	396,856	742,731	1,921,131	182,370	1,981	1,280,574	169	234,728
17	Wisconsin	4	162,600	72,350	6,600	11,250	54,500	90,250	14,516	215	131,815	21	25,156
18	All other states (a)	12	231,721	67,850	6,150	16,000	45,700	163,871	19,507	236	126,473	16	15,648

a Includes establishments distributed as follows: Connecticut, 1; Delaware, 1; Georgia, 1; Indiana, 2; Maine, 1; Maryland, 2; Nebraska, 1; Rhode Island, 1; Tennessee, 1; West Virginia, 1.

44.—BRONZE CASTINGS. (See also Brass castings and brass finishing.)

1	The United States...	14	710,190	217,002	71,219	44,539	101,244	493,188	68,001	311	253,835	39	57,936
2	New York	6	197,500	68,000	12,000	4,000	52,000	129,500	41,351	144	126,964	15	24,640
3	Pennsylvania	3	279,725	37,449	6,000	6,000	25,449	242,276	22,141	109	83,761	17	24,156
4	All other states (a)	5	232,965	111,553	63,219	34,539	23,795	121,412	4,509	58	43,110	7	9,140

a Includes establishments distributed as follows: Illinois, 1; Maine, 1; Massachusetts, 1; New Jersey, 1; Ohio, 1.

45.—BROOMS AND BRUSHES.

1	The United States...	1,235	7,743,832	2,269,507	575,470	853,450	840,587	5,474,325	611,554	10,984	4,317,026	1,394	1,002,998
2	Alabama	3	2,616	1,285	.....	.....	1,285	1,331	598	24	8,408	4	2,000
3	California	19	59,520	13,045	2,300	1,125	9,620	46,475	8,142	152	66,469	27	20,121
4	Colorado	3	3,205	1,025	.....	300	725	2,180	520	12	9,800	2	4,160
5	Connecticut	18	87,663	39,090	5,625	12,225	21,240	48,573	4,539	114	52,736	20	14,450
6	Delaware	3	6,440	5,275	3,400	1,500	375	1,165	304	7	2,650	1	300
7	District of Columbia	3	10,115	6,075	1,500	3,500	1,075	4,040	241	11	5,032	4	2,640
8	Georgia	7	5,282	1,372	125	325	922	3,910	448	25	5,554	5	1,390
9	Illinois	103	554,545	110,535	29,765	44,825	35,945	444,010	35,286	740	333,002	125	79,761
10	Indiana	59	106,617	46,522	7,310	22,480	16,732	60,095	9,940	342	101,670	53	22,791
11	Iowa	39	87,874	23,040	5,930	7,150	9,960	64,834	9,524	286	91,623	40	18,071
12	Kansas	51	122,093	87,810	32,805	48,750	6,255	34,283	4,548	117	41,533	45	19,574
13	Kentucky	27	36,397	10,085	2,025	3,045	5,015	26,312	5,638	129	55,509	25	15,342
14	Louisiana	9	33,994	12,890	3,050	2,450	7,390	21,104	2,736	77	37,301	9	8,586
15	Maine	6	21,034	4,065	1,400	1,000	1,665	16,969	2,481	40	15,613	8	4,211
16	Maryland	28	274,312	81,010	11,020	26,900	43,090	193,302	18,537	428	146,308	27	17,448
17	Massachusetts	50	1,078,217	270,382	56,550	115,150	98,682	807,835	87,416	905	374,281	75	56,382
18	Michigan	47	188,466	86,089	26,465	30,530	29,154	102,377	14,828	342	113,098	46	25,797
19	Minnesota	21	58,025	21,785	10,055	5,800	5,930	37,140	5,066	108	50,522	21	13,956
20	Missouri	86	200,907	88,401	41,940	25,240	21,221	112,506	23,084	440	168,146	95	54,206
21	Nebraska	18	41,516	18,175	10,115	4,950	3,110	23,341	4,162	43	17,526	13	5,332
22	New Hampshire	7	22,375	5,805	120	830	4,855	16,570	1,820	37	14,734	6	4,549
23	New Jersey	20	57,988	17,560	2,550	5,700	9,310	40,428	6,429	178	78,758	27	21,780
24	New York	190	2,429,649	582,462	116,175	220,401	245,886	1,847,187	159,046	3,042	1,324,002	283	277,228
25	Ohio	107	662,181	201,015	27,167	66,248	107,060	461,160	104,374	1,486	441,247	131	104,578
26	Pennsylvania	188	1,130,968	360,844	126,665	153,400	80,779	770,122	57,283	1,190	509,220	192	138,449
27	Rhode Island	12	86,783	22,263	3,850	5,781	12,632	64,520	3,052	91	39,285	10	8,306
28	South Dakota	4	3,590	685	20	150	515	2,905	1,037	8	2,954	3	1,407
29	Tennessee	17	31,451	13,295	4,700	2,925	5,670	18,156	4,360	91	35,867	15	7,015
30	Texas	23	18,760	11,378	4,568	3,345	3,465	7,382	1,254	53	16,543	18	8,436
31	Utah	3	15,210	11,850	8,000	3,000	850	3,360	423	7	3,018	1	275
32	Virginia	6	40,049	9,835	50	100	9,685	30,214	6,691	161	34,948	12	10,902
33	West Virginia	3	30,066	12,200	3,000	7,000	2,200	26,866	9,682	19	6,749	7	4,124
34	Wisconsin	41	79,849	46,028	20,435	12,975	12,618	33,821	4,222	144	49,432	32	14,879
35	All other states and territories. (a)	15	146,177	46,331	6,850	14,350	25,131	99,846	13,853	135	63,488	12	14,552

a Includes establishments distributed as follows: Arkansas, 2; Florida, 1; Mississippi, 1; New Mexico, 1; North Carolina, 2; North Dakota, 2; Oregon, 2; Vermont, 2; Washington, 2.

STATES AND TERRITORIES: 1890—Continued.

43.—BRIDGES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.															
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
6	$2,070	7,083	$4,729,780	.....	.....	20	$2,363	376	$227,190	.....	.....	3	$800	$12,770,146	$21,868,068	1
1	200	183	103,182	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	245,110	474,867	2
1	300	855	568,430	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,880,175	2,836,037	3
2	610	281	124,906	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	283,662	512,720	4
.....	.....	319	309,270	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	467,557	897,730	5
.....	.....	8	3,900	.....	.....	.....	.....	3	600	.....	.....	.....	.....	6,650	19,300	6
.....	.....	190	136,696	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	214,345	447,009	7
.....	.....	269	155,135	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	332,000	585,090	8
1	360	144	73,218	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142,146	264,500	9
.....	.....	474	268,236	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	507,600	1,036,407	10
.....	.....	56	12,617	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55,075	79,500	11
.....	.....	277	130,547	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	476,616	755,022	12
.....	.....	1,616	868,339	.....	.....	.....	.....	93	55,248	.....	.....	.....	.....	2,035,666	3,547,182	13
.....	.....	766	442,281	.....	.....	.....	.....	118	73,298	.....	.....	.....	.....	1,179,989	2,069,711	14
.....	.....	505	362,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	444,670	965,000	15
1	600	1,626	944,039	.....	.....	20	2,363	162	98,044	.....	.....	3	800	3,986,205	6,422,749	16
.....	.....	194	106,659	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	227,217	437,650	17
.....	.....	220	110,825	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	284,503	517,684	18

44.—BRONZE CASTINGS. (See also Brass castings and brass finishing.)

1	364	253	186,227	3	$760	3	548	12	8,000	.....	.....	.....	.....	695,485	1,165,163	1
1	364	111	92,920	3	760	3	280	12	8,000	.....	.....	.....	.....	83,712	321,500	2
.....	.....	91	59,347	.....	.....	1	268	.....	.....	.....	.....	.....	.....	425,294	573,812	3
.....	.....	51	33,970	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	186,479	269,851	4

45.—BROOMS AND BRUSHES.

34	14,635	3,795	1,606,716	891	200,755	347	49,546	3,350	1,238,549	895	$173,864	278	29,903	6,900,553	14,156,383	1
.....	.....	10	3,300	.....	.....	4	404	6	2,704	.....	.....	.....	.....	5,679	21,540	2
.....	.....	45	17,638	2	651	11	1,286	67	26,773	.....	.....	.....	.....	64,412	196,224	3
.....	.....	9	5,140	1	500	.....	.....	.....	.....	.....	.....	.....	.....	9,335	27,000	4
.....	.....	53	23,530	11	2,672	2	414	21	9,870	7	1,800	.....	.....	63,011	140,071	5
.....	.....	5	2,200	.....	.....	1	150	.....	.....	.....	.....	.....	.....	3,107	6,350	6
.....	.....	4	832	.....	.....	.....	.....	3	1,560	.....	.....	.....	.....	8,951	17,650	7
.....	.....	17	3,540	1	364	2	260	.....	.....	.....	.....	.....	.....	9,380	20,500	8
1	600	228	102,441	109	29,307	12	2,079	186	101,090	33	9,340	46	8,384	465,635	946,225	9
.....	.....	138	49,062	55	10,015	44	6,028	36	11,309	16	2,465	.....	.....	184,914	352,885	10
1	300	71	28,033	29	5,662	25	4,404	73	23,953	45	10,800	2	400	154,625	330,947	11
.....	.....	35	10,188	1	144	3	150	30	11,397	1	20	2	60	45,399	109,300	12
.....	.....	51	18,158	8	2,220	4	502	41	19,287	.....	.....	.....	.....	73,736	164,302	13
.....	.....	32	14,002	.....	.....	3	468	33	14,245	.....	.....	.....	.....	67,131	124,883	14
.....	.....	19	8,802	3	800	.....	.....	.....	.....	10	1,800	.....	.....	27,134	57,000	15
.....	.....	254	80,216	17	3,900	12	1,987	108	40,487	3	770	7	1,500	363,735	655,928	16
12	5,870	287	135,822	220	48,120	3	356	189	98,220	119	29,511	.....	.....	841,645	1,588,506	17
1	312	97	37,235	10	1,973	8	1,986	60	31,809	113	13,772	7	1,114	198,898	378,003	18
.....	.....	33	17,237	.....	.....	7	762	41	18,167	6	400	.....	.....	89,645	165,571	19
1	246	178	73,279	24	3,165	50	6,346	80	29,294	2	300	10	1,310	188,889	449,661	20
.....	.....	24	9,169	.....	.....	.....	.....	6	3,025	.....	.....	.....	.....	27,375	67,151	21
.....	.....	12	4,510	1	175	.....	.....	3	1,125	11	3,775	4	600	13,950	37,339	22
.....	.....	60	30,856	28	6,676	2	256	36	13,308	25	5,882	.....	.....	93,265	212,929	23
9	3,407	1,013	475,257	169	45,185	30	4,204	1,175	454,142	347	61,260	16	3,319	2,045,818	4,170,974	24
4	2,100	440	195,098	85	15,185	30	5,606	567	101,024	65	6,986	164	10,676	665,509	1,413,432	25
4	1,384	378	146,228	98	19,828	72	10,319	396	180,936	33	9,692	17	2,384	750,166	1,603,592	26
.....	.....	28	16,234	11	2,955	2	90	.....	.....	38	11,640	2	60	71,151	155,905	27
.....	.....	5	1,547	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,742	10,565	28
1	416	52	22,352	.....	.....	.....	.....	22	5,928	.....	.....	1	156	48,164	105,022	29
.....	.....	21	6,175	.....	.....	9	1,051	5	881	.....	.....	.....	.....	32,465	68,644	30
.....	.....	4	2,243	.....	.....	2	500	.....	.....	.....	.....	.....	.....	2,602	8,395	31
.....	.....	52	9,461	.....	.....	.....	.....	93	14,200	4	385	.....	.....	42,614	97,250	32
.....	.....	5	1,700	6	800	1	125	.....	.....	.....	.....	.....	.....	36,651	65,150	33
.....	.....	54	18,218	2	458	4	230	50	15,495	2	152	.....	.....	78,521	150,880	34
.....	.....	81	37,013	.....	.....	4	483	23	8,320	15	3,120	.....	.....	122,299	236,909	35

TABLE 5.—SPECIFIED INDUSTRIES, BY

46.—BUTTONS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	106	$3,089,265	$1,262,943	$98,664	$208,185	$956,094	$1,826,322	$256,846	4,036	$1,673,876	193	$256,759
2	Connecticut	14	914,796	279,261	40,797	60,000	178,464	635,535	58,430	896	355,628	26	32,212
3	Illinois	4	42,725	25,650	.....	.....	25,650	17,075	2,826	57	21,568	9	9,805
4	Massachusetts	16	779,135	289,072	31,417	78,385	179,270	490,063	83,130	911	360,649	30	50,158
5	New Jersey	17	295,555	131,945	18,600	25,500	87,845	163,610	27,498	695	291,825	27	40,744
6	New York	34	653,215	329,530	3,000	8,500	318,030	323,685	55,078	950	441,998	67	94,550
7	Pennsylvania	14	295,356	149,827	4,150	34,500	111,177	145,529	18,702	372	137,435	25	21,286
8	Rhode Island	4	67,323	35,158	.....	.....	35,158	32,165	8,464	110	49,384	7	6,660
9	All other states and territories. (a)	3	41,160	22,500	700	1,300	20,500	18,660	2,718	45	15,389	2	1,344

a Includes establishments distributed as follows: District of Columbia, 1; Kentucky, 1; Maryland, 1.

47.—CALCIUM LIGHTS.

1	The United States...	15	73,402	51,818	5,000	2,000	44,818	21,584	6,696	97	49,570	17	15,418
2	New York	6	37,582	23,218	.....	.....	23,218	14,364	4,341	47	27,878	10	9,898
3	Pennsylvania	3	9,520	8,100	.....	.....	8,100	1,420	895	11	5,544	3	2,880
4	All other states and territories. (a)	6	26,300	20,500	5,000	2,000	13,500	5,800	1,460	39	16,148	4	2,640

a Includes establishments distributed as follows: California, 1; District of Columbia, 1; Maryland, 1; Missouri, 1; Ohio, 1; Wisconsin, 1.

48.—CARDBOARD. (See also Paper.)

1	The United States (a)...	5	616,548	282,063	30,000	74,898	177,165	334,485	38,281	223	139,782	17	35,010

a Includes establishments distributed as follows: New York, 4; Massachusetts, 1.

49.—CARD CUTTING AND DESIGNING.

1	The United States...	26	89,584	41,107	3,050	2,200	35,857	48,477	9,789	214	106,583	34	30,035
2	New Jersey	6	19,530	13,500	.....	.....	13,500	6,030	1,538	31	14,650	6	5,252
3	Pennsylvania	15	42,010	14,715	.....	.....	14,715	27,295	4,431	130	63,794	17	16,108
4	All other states (a)	5	28,044	12,892	3,050	2,200	7,642	15,152	3,820	53	28,139	11	8,675

a Includes establishments distributed as follows: California, 1; Connecticut, 1; Massachusetts, 1; New York, 2.

50.—CARPENTERING.

1	The United States...	16,917	81,542,845	22,347,004	7,986,520	6,940,728	7,419,756	59,195,841	10,945,617	140,021	94,524,197	16,989	15,132,583
2	Alabama	99	278,573	58,005	22,875	12,875	22,255	220,568	106,903	895	463,548	91	66,270
3	Arkansas	51	104,035	43,085	10,200	8,425	24,460	60,950	46,617	456	230,321	54	48,969
4	California	345	1,236,196	245,560	54,655	37,300	153,605	990,636	622,091	2,263	2,014,160	352	376,061
5	Colorado	69	605,808	222,005	124,200	70,325	27,480	383,803	32,916	629	609,606	77	97,653
6	Connecticut	472	3,096,480	732,158	201,783	219,500	310,875	2,364,322	190,907	4,797	3,376,605	420	394,135
7	Delaware	36	203,025	66,360	21,000	32,550	12,810	136,665	175,889	360	221,115	32	25,309
8	District of Columbia	170	955,188	207,030	97,570	43,545	65,915	748,158	75,552	2,421	1,749,767	201	206,635
9	Florida	9	30,321	19,726	5,067	7,347	7,312	10,595	6,205	133	81,859	10	10,434
10	Georgia	108	269,765	81,865	40,525	16,825	24,515	187,900	16,979	1,017	483,579	71	51,788
11	Illinois	1,076	5,773,835	1,377,244	564,992	381,035	431,217	4,396,591	629,150	10,428	6,964,174	1,142	997,749
12	Indiana	524	1,161,473	362,313	123,720	123,970	114,623	799,160	727,480	3,357	1,762,666	472	321,809
13	Iowa	431	1,212,591	327,095	90,461	91,981	144,653	885,496	240,867	2,391	1,292,565	401	244,267
14	Kansas	234	629,463	180,950	74,192	51,382	55,376	448,513	70,647	1,382	735,162	190	116,852
15	Kentucky	483	1,222,888	327,485	113,440	110,270	103,775	895,403	565,839	2,661	1,641,907	472	406,482
16	Louisiana	109	244,218	102,585	37,375	40,350	24,860	141,633	14,829	644	348,809	109	87,255
17	Maine	174	633,737	157,260	27,220	61,900	68,140	476,477	42,165	1,273	719,575	187	141,281
18	Maryland	252	664,863	144,647	42,054	52,775	49,818	520,216	48,521	1,608	990,741	219	170,660
19	Massachusetts	2,050	9,299,845	1,953,162	466,208	525,919	961,035	7,346,683	1,236,933	17,092	12,088,985	2,008	1,794,714
20	Michigan	404	1,473,386	639,584	238,350	200,660	200,574	833,802	229,517	3,064	1,679,615	395	299,331
21	Minnesota	602	2,915,341	789,095	357,245	231,150	200,700	2,126,246	540,760	5,522	3,115,093	688	571,032
22	Mississippi	71	174,987	47,614	15,535	19,875	12,204	127,373	27,704	411	206,646	57	40,751
23	Missouri	962	5,565,186	1,096,037	362,600	449,956	283,481	4,469,149	449,390	7,444	5,235,415	987	923,610
24	Montana	11	38,170	11,770	1,575	6,475	3,720	26,400	1,599	97	63,216	7	4,175
25	Nebraska	174	573,544	291,160	159,330	66,685	65,145	282,384	40,431	978	663,195	152	134,041
26	New Hampshire	109	500,620	110,430	13,450	24,550	72,430	390,190	37,379	1,073	627,917	86	70,458

STATES AND TERRITORIES: 1890—Continued.

46.—BUTTONS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecewerkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
12	$6,028	1,107	$633,463	1,434	$401,123	77	$11,638	437	$172,319	742	$187,778	34	$4,768	$1,551,603	$4,216,795	1
1	600	214	132,894	93	24,794	15	2,098	127	54,278	401	106,052	19	2,700	395,605	928,028	2
.....	.....	7	4,369	39	6,994	2	400	.....	.....	.....	.....	.....	.....	6,150	46,860	3
4	2,232	215	114,727	473	132,355	25	4,835	35	22,343	122	33,254	7	745	458,775	1,071,687	4
.....	.....	226	133,806	255	68,159	5	750	98	29,574	78	17,856	6	936	216,162	596,600	5
5	2,104	277	162,972	497	151,696	5	300	51	19,336	46	10,653	2	387	263,494	1,012,694	6
1	364	100	49,311	36	7,496	19	2,464	113	40,530	78	15,984	.....	.....	148,678	386,719	7
1	728	55	27,739	20	6,529	6	791	8	4,958	7	1,979	.....	.....	46,978	131,857	8
.....	.....	13	7,645	15	3,100	.....	.....	5	1,300	10	2,000	.....	.....	15,761	42,350	9

47.—CALCIUM LIGHTS.

.....	.....	75	33,552	.....	.....	.....	.....	5	600	.....	.....	.....	.....	35,048	110,062	1
.....	.....	35	17,880	.....	.....	.....	.....	2	100	.....	.....	.....	.....	23,263	65,262	2
.....	.....	5	2,164	.....	.....	.....	.....	3	500	.....	.....	.....	.....	1,401	9,100	3
.....	.....	35	13,508	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,384	35,700	4

48.—CARDBOARD. (See also Paper.)

.....	.....	142	85,532	64	19,240	.....	.....	.....	.....	.....	.....	.....	.....	701,764	1,070,805	1

49.—CARD CUTTING AND DESIGNING.

.....	.....	127	62,093	28	8,744	7	1,075	14	3,940	1	150	3	546	88,186	243,070	1
.....	.....	14	5,898	3	728	2	286	3	1,940	.....	.....	3	546	11,046	28,200	2
.....	.....	92	43,203	4	1,544	5	789	11	2,000	1	150	.....	.....	32,914	134,841	3
.....	.....	21	12,992	21	6,472	.....	.....	.....	.....	.....	.....	.....	.....	44,226	80,029	4

50.—CARPENTERING.

80	36,585	120,735	78,237,286	37	7,961	188	33,880	1,988	1,075,232	2	550	2	120	137,847,002	281,195,162	1
.....	.....	747	382,046	.....	.....	3	342	54	14,890	.....	.....	.....	.....	838,234	1,550,020	2
.....	.....	400	181,172	.....	.....	2	240	.....	.....	.....	.....	.....	.....	337,154	679,230	3
4	1,702	1,837	1,584,503	.....	.....	5	1,438	64	50,306	1	150	.....	.....	2,560,641	5,786,141	4
1	600	550	511,041	.....	.....	1	312	.....	.....	.....	.....	.....	.....	603,000	1,496,404	5
1	104	4,349	2,974,954	2	612	.....	.....	25	6,800	.....	.....	.....	.....	4,666,399	9,316,212	6
.....	.....	328	195,806	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	357,544	839,982	7
2	832	2,187	1,528,148	.....	.....	.....	.....	31	20,752	.....	.....	.....	.....	2,926,634	5,312,352	8
.....	.....	123	71,425	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57,585	158,652	9
.....	.....	915	422,331	.....	.....	9	1,340	22	8,120	.....	.....	.....	.....	762,683	1,475,687	10
16	9,912	9,071	5,790,338	7	1,574	17	2,226	175	162,375	.....	.....	.....	.....	10,104,337	20,392,422	11
3	618	2,826	1,423,934	4	458	11	708	41	15,049	.....	.....	.....	.....	2,899,350	6,162,181	12
2	1,086	1,966	1,042,036	3	650	6	781	12	3,345	1	400	.....	.....	2,565,604	4,864,407	13
1	468	1,156	604,633	.....	.....	.....	.....	35	13,200	.....	.....	.....	.....	1,320,129	2,387,835	14
.....	.....	2,129	1,223,831	.....	.....	4	624	56	10,070	.....	.....	.....	.....	3,499,162	6,694,395	15
.....	.....	396	224,862	.....	.....	.....	.....	139	36,692	.....	.....	.....	.....	505,827	1,021,993	16
3	1,000	1,078	574,724	.....	.....	.....	.....	5	2,570	.....	.....	.....	.....	862,910	1,886,378	17
.....	.....	1,185	748,357	.....	.....	.....	.....	204	71,724	.....	.....	.....	.....	1,132,970	2,666,575	18
16	6,364	15,008	10,256,834	1	468	1	150	58	30,455	.....	.....	.....	.....	16,915,443	34,336,615	19
2	950	2,624	1,360,151	2	305	.....	.....	39	18,758	.....	.....	2	120	2,343,336	4,882,601	20
4	2,284	4,821	2,537,702	.....	.....	.....	.....	9	4,075	.....	.....	.....	.....	5,850,552	11,083,765	21
.....	.....	350	165,395	.....	.....	4	500	.....	.....	.....	.....	.....	.....	361,494	688,375	22
2	912	6,337	4,245,143	.....	.....	33	7,129	85	58,621	.....	.....	.....	.....	9,424,161	17,344,047	23
.....	.....	90	59,041	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	84,931	177,935	24
.....	.....	813	524,584	.....	.....	.....	.....	13	4,570	.....	.....	.....	.....	1,156,273	2,148,077	25
1	300	978	551,704	.....	.....	.....	.....	8	5,455	.....	.....	.....	.....	982,876	1,831,193	26

TABLE 5.—SPECIFIED INDUSTRIES, BY

50.—CARPENTERING—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
27	New Jersey	598	$4,463,705	$1,381,615	$555,960	$444,485	$381,170	$3,082,090	$269,470	7,045	$5,317,583	660	$696,980
28	New Mexico	3	3,895	3,075	300	2,000	775	820	175	5	3,290	.....	.....
29	New York	2,662	15,168,542	5,159,981	1,892,691	1,511,378	1,755,912	10,009,461	1,550,049	22,947	17,609,198	2,972	3,099,740
30	North Carolina	54	195,250	69,100	16,260	20,940	31,900	126,150	13,807	606	200,603	39	26,144
31	North Dakota	19	53,750	9,765	1,820	4,440	3,505	43,985	3,093	148	90,779	16	13,402
32	Ohio	1,602	4,933,282	1,752,242	589,700	720,165	442,377	3,181,040	954,193	10,251	6,379,154	1,595	1,295,334
33	Oklahoma	5	3,033	2,570	1,700	245	625	463	205	9	2,744	4	1,218
34	Oregon	70	991,590	520,515	334,500	144,540	41,475	471,075	127,500	1,100	1,027,151	81	124,670
35	Pennsylvania	1,389	10,610,190	2,201,235	768,877	763,010	669,348	8,408,955	1,088,494	12,727	8,699,085	1,302	1,139,505
36	Rhode Island	217	979,563	268,869	53,612	78,635	136,622	710,694	109,609	2,079	1,468,846	203	188,252
37	South Carolina	90	338,662	96,221	26,345	28,100	41,776	242,441	23,686	745	350,692	89	52,745
38	South Dakota	12	17,845	9,445	3,525	2,310	3,610	8,400	1,248	49	25,790	8	3,641
39	Tennessee	120	420,669	72,890	14,245	17,800	40,845	347,779	299,905	1,108	616,717	123	93,905
40	Texas	263	910,361	205,598	81,245	42,390	81,963	704,763	97,245	1,824	1,289,773	240	225,189
41	Utah	23	73,165	27,459	15,250	4,325	7,875	45,715	28,627	173	105,099	28	18,328
42	Vermont	76	311,223	122,915	26,835	51,275	44,805	188,308	12,207	544	314,166	79	56,602
43	Virginia	256	1,341,244	268,284	102,715	72,990	92,579	1,072,960	52,095	2,156	1,126,297	242	179,069
44	Washington	39	84,110	22,859	3,100	4,250	15,509	61,260	10,672	481	479,956	17	22,704
45	West Virginia	15	113,505	6,655	1,805	700	4,150	106,850	1,142	90	49,333	17	10,239
46	Wisconsin	367	1,576,638	539,179	226,713	132,675	179,791	1,037,459	114,666	3,465	1,942,030	392	287,785
47	Wyoming	12	89,085	13,225	3,700	6,450	3,075	75,860	10,259	73	60,570	2	1,980

51.—CARPETS AND RUGS, OTHER THAN RAG. (See also Woolen goods, and special report on Wool manufacture in Part III.)

1	The United States	173	38,208,842	17,375,384	2,884,139	5,559,458	8,931,787	20,833,458	1,819,441	20,121	11,633,116	379	508,026
2	Massachusetts	7	8,676,924	3,589,730	596,000	1,283,100	1,710,630	5,087,194	367,164	5,144	1,892,072	35	75,983
3	New Jersey	6	724,393	293,921	54,100	119,404	120,417	430,472	30,502	585	212,554	6	25,200
4	New York	15	11,178,342	5,239,437	1,210,500	1,653,917	2,375,020	5,938,905	399,322	8,954	3,345,165	75	126,768
5	Pennsylvania	142	15,129,619	7,466,300	978,539	2,180,776	4,306,985	7,663,319	820,434	12,674	5,509,805	250	260,795
6	All other states (a)	3	2,499,564	785,996	45,000	322,261	418,735	1,713,568	202,019	1,764	673,520	13	19,250

a Includes establishments distributed as follows: Connecticut, 2; Rhode Island, 1.

52.—CARPETS, RAG.

1	The United States	854	975,381	611,805	217,288	283,145	111,372	363,576	78,132	1,764	650,119	654	297,546
2	California	3	3,586	2,825	1,000	1,000	825	761	367	7	3,220	2	988
3	Colorado	7	3,874	1,650	.....	650	1,000	2,224	1,009	9	4,183	2	925
4	Connecticut	11	4,619	2,663	273	1,040	1,350	1,956	605	15	5,540	8	3,190
5	Illinois	41	38,032	26,910	12,400	9,450	5,060	11,122	3,877	99	38,266	31	14,566
6	Indiana	29	11,060	6,777	1,400	1,885	3,492	4,202	2,634	52	16,591	20	8,077
7	Iowa	35	22,857	20,382	7,670	8,550	4,162	2,475	1,568	48	15,530	20	8,248
8	Kansas	5	1,375	845	220	235	390	530	382	8	1,800	1	400
9	Kentucky	27	10,895	5,230	1,500	1,600	2,130	5,665	2,945	38	16,631	25	13,031
10	Maryland	31	50,431	21,070	7,650	8,850	4,570	29,361	3,983	81	26,330	28	11,796
11	Massachusetts	3	215	135	.....	.....	135	80	68	3	800	1	300
12	Michigan	30	20,718	17,327	8,000	6,210	3,117	3,391	1,951	45	14,549	18	7,849
13	Minnesota	22	4,727	3,719	1,245	900	1,574	1,008	1,240	35	11,784	11	5,158
14	Missouri	20	5,021	3,344	520	1,675	1,149	1,677	2,055	23	9,424	18	8,039
15	Nebraska	3	5,260	5,025	3,300	1,500	225	235	55	5	1,625	2	925
16	New Jersey	57	69,906	49,562	17,440	24,100	8,022	20,344	5,247	96	38,752	39	19,377
17	New York	66	77,957	52,825	21,350	22,300	9,175	25,132	8,727	129	60,190	59	34,306
18	Ohio	140	93,527	68,664	28,420	29,425	10,819	24,863	11,070	223	84,178	104	46,566
19	Pennsylvania	287	491,393	272,397	81,650	140,775	49,972	218,996	26,773	785	277,798	234	100,635
20	West Virginia	3	1,280	600	300	150	150	680	163	4	2,370	3	1,870
21	Wisconsin	30	55,431	47,265	21,959	21,850	3,465	8,166	3,015	51	17,733	25	9,495
22	All other states (a)	4	3,208	2,590	1,090	1,000	590	618	398	8	2,825	3	1,775

a Includes establishments distributed as follows: Delaware, 2; Maine, 1; Virginia, 1.

53.—CARPETS, WOOD.

1	The United States	6	333,000	210,850	75,000	57,000	78,850	122,150	41,781	328	155,396	18	18,048
2	New York	3	160,400	115,800	45,000	27,000	43,800	44,600	4,348	116	62,190	5	5,780
3	All other states (a)	3	172,600	95,050	30,000	30,000	35,050	77,550	37,433	212	93,206	13	12,268

a Includes establishments distributed as follows: Illinois, 1; Minnesota, 1; Pennsylvania, 1.

STATES AND TERRITORIES: 1890—Continued.

50.—CARPENTERING—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
3	$1,357	6,371	$4,615,440			8	$1,886	3	$1,920					$7,169,257	$14,752,027	27
		5	3,290											3,945	10,000	28
10	4,924	19,718	14,407,289	3	$306	13	2,042	231	94,897					19,389,709	44,794,173	29
		526	165,424	5	910			36	8,125					389,422	729,391	30
		132	77,377											167,112	291,903	31
2	950	8,531	5,048,486			16	3,234	107	31,150					10,881,887	21,514,294	32
		5	1,526											2,946	7,800	33
		1,018	902,381			1	100							1,853,787	3,356,393	34
5	1,526	10,985	7,195,218	1	260	29	7,436	405	355,140					12,733,411	26,592,306	35
2	696	1,871	1,279,198					3	700					2,022,815	4,095,309	36
		637	293,160					19	4,787					689,579	1,221,526	37
		39	21,149					2	1,000					53,770	96,695	38
		960	513,176			7	1,460	18	8,176					990,703	2,152,742	39
		1,578	1,059,880					6	4,704					2,191,884	4,335,643	40
		137	84,090			1	156	7	2,525					131,641	296,157	41
		444	252,272	9	2,418	2	374	10	2,500					403,176	843,795	42
		1,858	934,282			9	1,278	47	11,668					1,451,444	3,192,908	43
		464	457,252											929,130	1,545,327	44
		67	35,494					6	3,600					96,518	187,810	45
		3,054	1,647,617			6	124	13	6,504					3,086,282	5,798,939	46
		71	58,590											89,355	196,550	47

51.—CARPETS AND RUGS, OTHER THAN RAG. (See also Woolen goods, and special report on Wool manufacture in Part III.)

6	2,831	11,019	5,550,234	10,745	3,445,426	1,806	330,845	2,036	960,223	2,331	$802,823	199	$32,708	28,644,905	47,770,193	1
		2,256	1,024,400	2,264	598,761	137	29,061	38	21,049	414	142,818			4,731,873	7,275,009	2
		291	110,878	51	11,106			98	29,895	139	35,475			430,917	817,242	3
		3,193	1,520,674	4,123	1,260,120	716	125,503	438	181,229	387	126,441	22	4,400	8,689,413	14,606,116	4
6	2,831	5,072	2,525,169	3,705	1,367,931	811	152,660	1,454	724,402	1,211	450,209	165	25,808	13,548,371	22,886,416	5
		807	369,113	602	207,508	142	23,621	8	3,648	180	47,880	12	2,500	1,244,331	2,185,410	6

52.—CARPETS, RAG.

128	42,085	494	182,793	125	26,362	40	4,714	251	85,825	66	9,559	6	1,235	726,419	1,714,480	1
1	312	1	300					3	1,620					1,102	4,747	2
2	1,240			4	1,818	1	200							4,681	12,940	3
1	350	2	800					4	1,200					2,761	11,372	4
8	2,999	10	4,277	4	1,225	5	410	30	11,975	5	1,579	6	1,235	26,432	80,387	5
8	2,367	8	2,948	4	925			7	1,650	5	624			11,749	36,048	6
11	3,101	10	2,998	5	833	1	150	1	200					15,427	37,840	7
5	1,200			1	75			1	125					1,965	4,645	8
2	950	7	2,374	2	156			2	120					17,001	41,230	9
2	650	20	5,406	1	100			30	8,378					52,795	92,910	10
2	500													715	1,681	11
10	2,800	3	700	7	1,175			6	1,925	1	100			11,213	34,631	12
12	3,950	8	2,000	2	416	2	260							8,288	25,270	13
2	650	1	400			2	335							8,049	19,732	14
2	400	1	300											1,519	3,214	15
2	750	31	11,096	6	1,412			18	6,117					38,254	105,639	16
6	2,358	33	13,908	6	1,562	2	260	22	7,484	1	312			41,811	126,107	17
36	12,225	39	14,319	13	3,469	6	447	24	7,072	1	50			81,255	202,262	18
10	3,545	306	116,347	64	11,364	20	2,548	98	36,465	53	6,894			382,466	821,494	19
				1	500									3,410	6,940	20
4	1,188	14	4,620	2	832	1	104	5	1,494					13,611	40,196	21
2	550			3	500									1,915	5,195	22

53.—CARPETS, WOOD.

1	416	305	135,032	4	1,900									210,814	511,700	1
		107	54,510	4	1,900									126,200	267,500	2
1	416	198	80,522											84,614	244,200	3

TABLE 5.—SPECIFIED INDUSTRIES, BY

54.—CARRIAGE AND WAGON MATERIALS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.					Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.			Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.				Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	539	$13,028,161	$5,915,063	$994,335	$1,655,968	$3,264,760	$7,113,098	$821,743	10,928	$5,208,427	901	$830,419
2	California	16	67,942	43,725	19,050	14,100	10,575	24,217	4,654	41	32,044	14	13,060
3	Connecticut	43	1,440,644	749,035	179,150	200,622	369,263	691,609	63,721	855	516,295	93	103,013
4	Delaware	3	162,985	77,500	14,500	28,000	35,000	85,485	8,407	97	50,394	8	8,980
5	Georgia	5	50,850	35,250	18,000	5,700	11,550	15,600	3,878	73	32,243	8	7,531
6	Illinois	22	130,308	62,740	18,100	24,075	20,565	67,558	6,569	179	83,697	33	21,836
7	Indiana	38	1,626,476	697,903	100,450	193,317	404,136	928,573	100,748	1,926	700,038	67	61,622
8	Iowa	5	15,196	9,430	2,300	4,400	2,730	5,766	7,696	16	8,073	3	1,617
9	Kentucky	17	242,847	135,490	36,500	38,377	60,613	107,357	17,007	276	114,752	17	12,116
10	Maine	8	27,868	10,385	1,150	3,100	6,135	17,483	1,193	20	10,458	6	4,038
11	Maryland	11	128,804	55,330	11,866	23,264	20,200	73,474	10,786	100	43,887	9	6,277
12	Massachusetts	49	619,497	291,853	42,000	135,000	114,853	327,644	45,771	499	314,223	65	60,430
13	Michigan	20	509,045	217,607	23,909	63,850	129,857	282,438	19,449	437	190,126	26	24,001
14	Missouri	5	33,832	20,740	5,500	10,000	5,240	13,092	1,792	36	18,925	3	2,200
15	New Hampshire	9	173,216	65,806	1,200	18,945	45,661	107,410	10,329	143	80,320	13	11,915
16	New Jersey	19	507,206	175,300	9,450	28,200	137,650	331,906	71,122	414	253,877	40	51,414
17	New York	59	1,787,264	828,182	95,460	191,472	541,250	959,082	118,265	1,272	654,049	124	116,079
18	Ohio	93	3,350,304	1,412,551	267,064	402,822	742,665	1,937,753	215,794	2,912	1,305,974	203	185,795
19	Pennsylvania	65	1,827,603	881,696	119,385	242,452	519,859	945,907	95,480	1,334	647,461	110	96,791
20	Rhode Island	10	24,990	14,250	3,000	2,300	8,950	10,740	2,680	23	11,585	7	4,920
21	Tennessee	4	91,700	25,500	5,150	5,850	14,500	66,200	4,525	96	51,566	12	9,522
22	Wisconsin	13	79,776	41,525	16,300	12,000	13,225	38,251	4,022	85	34,381	17	8,690
23	All other states and territories (a).	19	138,808	63,265	4,860	8,122	50,283	75,543	7,855	94	54,059	23	18,572

a Includes establishments distributed as follows: Alabama, 1; Arkansas, 2; Colorado, 1; Kansas, 1; Louisiana, 2; Minnesota, 1; Nebraska, 1; North Carolina, 1; Oregon, 2; Texas, 1; Utah, 1; Vermont, 2; Virginia, 2; West Virginia, 1.

55.—CARRIAGES AND SLEDS, CHILDREN'S.

1	The United States...	87	3,158,412	1,122,872	283,200	451,460	388,212	2,035,540	248,126	2,936	1,330,955	194	169,634
2	Illinois	6	315,229	127,443	41,000	42,106	44,337	187,786	15,440	464	208,650	18	15,050
3	Maryland	3	54,262	1,739			1,739	52,523	8,522	69	27,359	11	5,956
4	Massachusetts	7	449,837	123,525	31,300	73,850	18,375	326,312	39,679	362	181,935	17	19,500
5	Michigan	7	84,306	32,218	4,000	8,232	19,986	52,088	7,441	112	52,630	10	8,840
6	Minnesota	3	73,552	17,166	1,000	8,972	7,194	56,386	4,297	67	18,506	6	3,880
7	Missouri	4	84,910	52,010	25,000	15,000	12,010	32,900	8,866	84	60,252	5	4,332
8	New Jersey	6	98,795	26,365	1,000	15,000	10,365	72,430	13,572	70	37,484	8	7,608
9	New York	25	593,961	190,745	43,900	82,300	64,545	403,216	46,552	570	265,191	58	56,450
10	Ohio	4	730,574	345,580	61,750	150,250	133,580	384,994	44,562	460	207,083	10	8,610
11	Pennsylvania	13	242,173	37,665	6,250	7,750	23,665	204,508	24,874	227	116,113	32	27,439
12	Wisconsin	3	211,588	114,595	60,000	31,000	23,595	96,993	15,354	217	66,921	7	4,999
13	All other states (a)	6	219,225	53,821	8,000	17,000	28,821	165,404	18,967	234	88,831	12	6,970

a Includes establishments distributed as follows: Iowa, 1; Kentucky, 2; Maine, 1; Vermont, 1; Virginia, 1.

56.—CARRIAGES AND WAGONS, INCLUDING CUSTOM WORK AND REPAIRING. (See also Blacksmithing and wheelwrighting, and Table 8.)

1	The United States...	8,614	104,210,602	39,732,196	13,443,756	17,386,952	8,901,488	64,478,406	6,022,972	73,453	40,198,522	9,017	7,453,142
2	Alabama	54	456,185	208,135	72,855	69,875	65,405	248,050	20,682	429	201,240	46	32,812
3	Arkansas	44	166,820	72,525	20,900	29,855	21,770	94,295	8,360	194	102,596	38	26,626
4	California	227	1,796,574	874,010	393,520	280,675	199,815	922,564	126,390	1,188	882,380	184	178,320
5	Colorado	29	674,100	344,035	180,050	70,350	93,635	330,065	33,689	375	341,184	50	72,427
6	Connecticut	181	3,093,997	1,074,880	424,777	444,148	205,955	2,019,117	152,497	2,118	1,527,039	214	253,817
7	Delaware	44	730,442	341,746	130,820	156,775	54,151	388,696	37,935	527	278,101	43	34,883
8	District of Columbia	21	329,660	230,800	126,900	67,100	36,800	98,860	11,028	159	81,213	4	2,380
9	Florida	29	111,347	81,425	42,150	26,700	12,575	29,922	2,470	108	60,592	31	20,237
10	Georgia	129	849,441	276,369	70,085	109,572	96,712	573,072	59,138	956	408,289	129	92,913
11	Illinois	559	9,078,310	3,537,309	1,406,045	1,442,846	688,418	5,541,001	561,244	5,560	3,187,879	634	539,505
12	Indiana	394	10,458,432	2,831,357	919,911	1,375,186	536,260	7,627,075	520,414	5,043	2,284,807	509	371,692
13	Iowa	294	2,765,207	1,250,655	335,048	614,490	301,117	1,514,552	142,236	1,922	982,527	318	212,124
14	Kansas	85	1,107,392	399,685	118,975	207,850	72,860	707,707	76,520	462	266,904	88	73,617
15	Kentucky	188	2,035,273	818,743	262,588	373,298	182,857	1,216,530	90,915	1,493	748,830	203	160,352
16	Louisiana	61	264,018	127,848	42,150	55,320	30,378	136,170	17,278	350	185,147	65	51,387
17	Maine	204	575,084	225,492	48,094	106,860	70,538	349,592	35,578	646	311,498	185	101,542
18	Maryland	181	898,296	416,234	112,194	220,585	83,455	482,062	44,677	1,016	479,221	146	101,212
19	Massachusetts	430	5,495,873	1,950,355	572,858	888,901	488,596	3,545,518	370,769	4,641	2,969,541	499	463,192
20	Michigan	407	5,311,833	1,958,616	553,380	936,147	469,089	3,353,217	263,967	3,375	1,630,511	468	341,955
21	Minnesota	227	2,069,937	1,077,419	505,915	335,958	235,546	992,518	114,527	1,219	717,746	260	198,999

STATES AND TERRITORIES: 1890—Continued.

54.—CARRIAGE AND WAGON MATERIALS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
31	$11,775	7,888	$3,430,243	180	$55,382	206	$36,446	1,644	$827,314	56	$13,830	22	$3,018	$7,387,904	$16,262,293	1
.....	.....	27	18,984	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,677	65,738	2
2	988	490	276,911	3	1,091	5	542	245	129,643	15	4,031	2	76	447,980	1,254,109	3
.....	.....	29	15,414	.....	.....	.....	.....	60	26,900	.....	.....	.....	.....	68,778	137,919	4
.....	.....	65	24,712	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37,657	100,585	5
.....	.....	116	45,070	.....	.....	.....	.....	30	16,791	.....	.....	.....	.....	97,335	232,261	6
3	1,284	1,728	601,153	9	2,156	55	7,718	64	26,105	.....	.....	.....	.....	1,137,132	2,282,810	7
.....	.....	12	6,264	.....	.....	1	192	.....	.....	.....	.....	.....	.....	10,181	56,550	8
.....	.....	230	88,221	2	182	5	512	22	13,721	.....	.....	.....	.....	181,773	377,587	9
.....	.....	11	5,220	.....	.....	.....	.....	3	1,200	.....	.....	.....	.....	11,510	28,450	10
.....	.....	77	34,270	3	1,000	9	1,300	2	1,040	.....	.....	.....	.....	66,421	150,290	11
2	468	340	204,868	17	3,880	.....	.....	72	43,977	3	600	.....	.....	347,796	827,490	12
1	300	304	113,457	2	700	1	156	103	51,512	.....	.....	.....	.....	387,649	665,269	13
.....	.....	28	14,575	.....	.....	.....	.....	4	2,000	.....	.....	1	150	17,856	52,400	14
1	375	96	50,969	.....	.....	4	930	28	15,850	1	281	.....	.....	98,957	216,650	15
1	200	335	178,413	.....	.....	.....	.....	38	23,850	.....	.....	.....	.....	329,070	778,178	16
6	2,306	826	409,207	22	5,298	54	13,450	197	98,741	31	7,168	12	1,800	1,008,463	2,065,947	17
12	4,817	2,162	903,529	115	38,115	53	9,063	355	162,288	5	1,375	7	992	1,745,062	4,310,607	18
2	912	831	355,674	7	2,960	14	1,890	370	189,234	.....	.....	.....	.....	1,059,105	2,089,482	19
.....	.....	15	6,515	.....	.....	1	150	.....	.....	.....	.....	.....	.....	13,724	34,120	20
.....	.....	66	29,024	.....	.....	.....	.....	18	13,020	.....	.....	.....	.....	71,000	155,900	21
1	125	52	20,723	.....	.....	2	208	12	4,260	1	375	.....	.....	47,037	96,739	22
.....	.....	48	27,070	.....	.....	2	335	21	8,082	.....	.....	.....	.....	178,741	283,212	23

55.—CARRIAGES AND SLEDS, CHILDREN'S.

16	6,416	2,067	949,728	207	57,078	52	7,243	324	127,604	73	12,909	3	343	1,900,907	4,094,255	1
5	2,250	355	163,100	25	8,050	1	200	60	20,000	.....	.....	.....	.....	301,900	600,100	2
1	364	29	13,260	.....	.....	3	390	12	5,612	13	1,777	.....	.....	60,175	111,428	3
2	936	296	146,875	39	11,624	.....	.....	8	3,000	.....	.....	.....	.....	287,261	622,500	4
.....	.....	77	34,964	6	1,200	7	1,040	7	3,960	5	2,626	.....	.....	33,325	103,793	5
.....	.....	28	10,512	11	1,552	5	500	11	1,562	6	500	.....	.....	27,844	54,835	6
.....	.....	62	49,180	16	6,540	.....	.....	1	200	.....	.....	.....	.....	70,045	186,180	7
.....	.....	50	25,276	11	4,000	.....	.....	1	600	.....	.....	.....	.....	110,595	190,300	8
5	1,756	417	183,811	18	5,191	14	2,476	34	12,099	21	3,065	3	343	382,042	818,410	9
.....	.....	385	176,832	36	10,757	.....	.....	17	7,959	12	2,925	.....	.....	271,539	558,500	10
2	850	82	40,314	12	4,056	3	462	90	41,226	6	1,766	.....	.....	192,080	435,970	11
1	260	95	31,518	33	4,108	13	1,650	68	24,386	.....	.....	.....	.....	83,944	187,423	12
.....	.....	191	74,086	.....	.....	6	525	15	7,000	10	250	.....	.....	80,157	224,816	13

56.—CARRIAGES AND WAGONS, INCLUDING CUSTOM WORK AND REPAIRING. (See also Blacksmithing and wheelwrighting, and Table 8.)

177	80,079	55,328	28,391,197	478	135,501	506	89,281	7,742	3,995,176	149	45,362	56	8,784	49,889,173	114,551,907	1
1	480	359	159,692	.....	.....	7	1,050	16	7,206	.....	.....	.....	.....	324,661	621,246	2
.....	.....	146	72,996	.....	.....	3	850	7	2,124	.....	.....	.....	.....	65,875	204,966	3
1	260	949	676,556	.....	.....	10	2,552	44	24,692	.....	.....	.....	.....	678,056	1,984,805	4
1	2,400	322	265,421	.....	.....	2	936	.....	.....	.....	.....	.....	.....	332,944	858,499	5
.....	.....	1,357	872,775	1	450	1	208	542	398,889	3	900	.....	.....	1,491,518	3,598,944	6
.....	.....	377	193,368	2	586	9	1,493	96	47,771	.....	.....	.....	.....	358,191	774,130	7
.....	.....	155	78,833	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47,810	140,901	8
.....	.....	73	39,009	.....	.....	2	346	2	1,000	.....	.....	.....	.....	57,399	144,137	9
1	500	799	309,107	2	180	14	1,925	13	3,514	.....	.....	1	150	559,900	1,221,119	10
14	6,470	4,300	2,324,114	46	16,243	33	4,195	522	294,952	11	2,400	.....	.....	3,721,807	9,041,725	11
26	11,893	3,728	1,578,399	50	14,284	31	5,182	691	300,930	8	2,427	.....	.....	3,671,302	8,248,873	12
2	480	1,477	731,565	9	2,060	51	10,629	65	25,669	.....	.....	.....	.....	1,449,922	3,168,545	13
.....	.....	363	189,982	.....	.....	1	208	10	3,097	.....	.....	.....	.....	272,303	703,625	14
3	1,560	1,131	522,251	4	646	13	2,166	139	61,855	.....	.....	.....	.....	910,012	2,074,869	15
.....	.....	275	129,624	.....	.....	2	104	8	4,032	.....	.....	.....	.....	133,294	406,771	16
.....	.....	435	206,348	.....	.....	1	20	25	3,588	.....	.....	.....	.....	254,571	736,901	17
.....	.....	796	348,897	1	100	3	364	70	28,648	.....	.....	.....	.....	408,270	1,184,192	18
11	3,595	3,398	2,087,922	29	9,828	2	600	692	402,634	10	1,770	.....	.....	3,163,947	7,607,869	19
14	5,929	2,475	1,121,941	12	3,274	17	2,684	381	152,532	3	1,204	5	992	2,779,806	5,699,941	20
.....	.....	904	494,276	.....	.....	3	360	52	24,111	.....	.....	.....	.....	674,805	1,802,177	21

TABLE 5.—SPECIFIED INDUSTRIES, BY

56.—CARRIAGES AND WAGONS, INCLUDING CUSTOM WORK AND REPAIRING—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
22	Mississippi	39	$151,147	$67,480	$17,275	$27,750	$22,455	$83,667	$6,554	190	$85,454	34	$19,902
23	Missouri	425	3,963,675	1,606,656	570,465	744,775	291,416	2,357,019	232,244	3,519	1,913,879	478	408,019
24	Montana	7	66,955	32,235	10,660	14,100	7,475	34,720	5,184	46	38,384	11	9,484
25	Nebraska	36	368,921	247,425	151,960	69,215	26,250	121,496	11,773	266	168,929	36	33,352
26	New Hampshire	93	973,503	381,970	97,055	204,140	80,775	591,533	39,183	585	330,043	79	59,715
27	New Jersey	249	2,466,991	1,198,867	428,655	551,862	218,350	1,268,124	114,253	1,906	1,157,680	216	189,796
28	New York	1,098	15,363,984	5,978,644	1,863,729	2,569,853	1,545,062	9,385,340	963,546	11,059	6,551,138	1,259	1,190,931
29	North Carolina	131	492,460	201,730	43,295	90,230	68,205	290,730	40,287	581	201,812	84	42,034
30	North Dakota	8	16,880	9,955	2,250	4,950	2,755	6,925	1,016	17	9,409	4	2,700
31	Ohio	709	13,952,571	4,104,564	1,222,500	1,934,022	948,042	9,848,007	1,060,056	10,504	5,427,504	962	897,540
32	Oregon	25	230,137	121,515	53,850	17,050	50,615	168,622	18,522	158	130,682	33	33,319
33	Pennsylvania	899	7,459,712	3,636,682	1,237,146	1,689,456	710,080	3,823,030	312,354	5,924	3,043,630	763	544,227
34	Rhode Island	67	440,549	223,554	87,689	82,050	53,815	216,995	22,930	383	235,190	56	46,059
35	South Carolina	54	253,129	138,450	52,650	50,625	35,175	114,679	13,925	287	110,721	33	23,299
36	South Dakota	12	70,210	42,900	20,950	13,500	8,450	27,310	2,796	41	25,033	8	6,780
37	Tennessee	95	628,808	271,317	109,547	92,805	68,965	357,491	35,102	694	345,408	110	71,177
38	Texas	72	390,094	235,085	130,550	63,510	41,025	155,009	21,546	372	229,596	46	37,868
39	Vermont	73	391,764	180,765	49,485	89,380	41,900	210,999	12,453	249	131,735	43	26,016
40	Virginia	152	742,526	292,527	97,732	122,320	72,475	449,999	37,265	776	329,718	111	66,995
41	Washington	19	154,305	73,730	29,750	28,000	15,980	80,575	11,138	125	107,589	14	15,754
42	West Virginia	56	258,423	146,785	45,700	67,140	33,945	111,638	9,125	219	103,559	52	28,313
43	Wisconsin	500	7,046,491	2,418,397	777,648	1,035,728	605,021	4,628,094	354,575	3,723	1,834,965	464	362,406
44	All other states and territories. (a)	7	59,146	23,325	4,000	12,000	7,325	35,821	6,831	45	39,210	7	7,464

a Includes establishments distributed as follows: Arizona, 1; Nevada, 1; New Mexico, 1; Utah, 2; Wyoming, 2.

57.—CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM RAILROAD COMPANIES.

1	The United States	716	76,192,477	54,733,171	10,860,668	25,399,382	18,473,121	21,459,306	95,054	108,585	61,797,675	1,914	1,568,759
2	Alabama	12	909,911	698,960	151,130	275,330	272,500	210,951	.....	1,377	763,954	4	2,820
3	Arizona	3	72,724	32,120	8,525	14,945	8,650	40,604	.....	142	114,404	2	1,414
4	Arkansas	8	355,747	264,444	29,950	84,300	150,194	91,303	.....	869	583,215	22	20,028
5	California	10	3,139,514	1,341,450	526,100	505,700	309,650	1,798,064	.....	2,887	2,175,434	29	23,840
6	Colorado	10	1,551,311	1,328,876	179,300	220,100	929,476	222,435	.....	1,392	1,071,509	26	47,700
7	Connecticut	8	690,265	580,800	101,150	266,400	213,250	109,465	.....	691	424,237	9	5,920
8	Delaware	3	767,875	436,220	161,800	170,920	103,500	331,655	.....	850	508,868	29	19,178
9	District of Columbia	3	44,700	19,600	3,900	7,400	8,300	25,100	1,878	290	160,170	37	33,810
10	Florida	10	158,960	95,220	11,550	39,160	44,510	63,740	1,800	287	152,157	7	7,160
11	Georgia	11	450,512	281,860	73,950	113,850	94,060	168,652	.....	989	541,797	23	19,140
12	Illinois	70	7,791,234	5,794,816	2,225,200	1,888,404	1,681,122	1,996,418	5,629	10,541	6,054,161	262	198,020
13	Indiana	48	3,929,805	2,189,801	355,750	1,093,135	740,916	1,740,004	.....	6,729	3,368,251	115	93,363
14	Iowa	41	2,404,648	1,717,043	181,730	769,150	766,163	687,605	300	3,893	2,187,136	81	65,312
15	Kansas	26	1,683,210	1,331,740	133,080	707,970	490,690	351,470	.....	2,879	1,769,275	60	46,949
16	Kentucky	9	305,229	197,795	32,620	78,300	86,875	107,434	.....	634	363,440	11	10,240
17	Louisiana	6	156,136	138,114	92,600	23,200	22,314	18,022	101	71	50,656	10	7,235
18	Maine	10	150,672	105,455	12,300	56,900	36,255	45,217	.....	244	139,775	5	4,500
19	Maryland	10	2,904,677	2,256,104	565,750	1,367,790	322,564	648,573	.....	3,014	1,490,464	36	52,806
20	Massachusetts	14	1,988,676	1,314,686	239,200	518,900	556,586	673,990	.....	2,289	1,298,228	25	18,711
21	Michigan	17	1,226,163	899,469	186,630	410,100	302,739	326,694	.....	2,130	1,152,827	32	33,340
22	Minnesota	18	2,926,860	2,200,206	197,557	1,444,251	558,398	726,654	.....	2,017	1,276,031	65	56,346
23	Mississippi	5	612,744	489,675	98,050	176,100	215,525	123,069	.....	1,094	696,673	18	19,580
24	Missouri	27	1,394,974	1,018,500	183,270	323,080	512,150	376,474	1,637	2,936	1,805,716	76	67,645
25	Montana	4	317,765	242,250	67,250	107,000	68,000	75,515	.....	313	236,367	12	10,354
26	Nebraska	9	1,245,519	890,350	135,530	426,240	334,580	349,169	.....	2,069	1,167,083	28	20,877
27	Nevada	6	428,999	189,187	5,700	105,748	77,739	239,812	.....	215	203,103	6	8,460
28	New Hampshire	4	205,465	172,835	34,100	94,400	44,335	32,630	.....	143	88,024	2	2,120
29	New Jersey	18	2,766,957	2,082,694	208,750	1,052,778	821,166	684,263	800	5,233	2,877,488	94	61,970
30	New Mexico	5	137,389	107,370	11,400	50,820	45,150	30,019	.....	258	176,563	4	2,525
31	New York	46	4,213,639	2,905,866	334,646	1,113,649	1,458,571	1,306,773	.....	8,676	4,495,976	88	74,546
32	North Carolina	9	210,458	176,410	19,150	124,500	32,760	34,048	.....	442	192,902	8	6,640
33	Ohio	64	3,907,278	2,424,893	375,595	1,301,424	747,874	1,482,385	.....	7,547	4,076,472	145	105,995
34	Oregon	5	2,815,997	2,573,720	876,806	1,272,299	424,615	242,277	.....	1,129	934,439	28	26,700
35	Pennsylvania	61	17,475,056	13,126,185	2,114,764	6,755,442	4,255,979	4,348,871	82,909	22,995	12,532,778	328	223,005
36	South Carolina	5	420,859	301,260	90,500	131,500	79,260	119,599	.....	835	399,911	7	5,500
37	Tennessee	10	1,198,940	890,043	211,500	473,621	204,922	308,897	.....	1,787	1,011,959	15	16,072
38	Texas	31	1,140,049	799,573	127,025	331,150	340,798	340,476	.....	2,412	1,636,561	58	61,775
39	Vermont	8	534,729	453,000	45,250	166,500	241,250	81,729	.....	290	157,573	.....	.....
40	Virginia	8	583,022	454,377	74,955	218,901	160,521	128,645	.....	1,665	846,984	20	13,130
41	Washington	4	272,195	136,465	18,640	38,850	78,975	135,730	.....	351	286,068	9	7,440
42	West Virginia	7	533,305	413,145	52,450	240,700	119,995	120,160	.....	1,036	442,552	14	9,217
43	Wisconsin	22	1,681,255	1,284,544	189,775	679,850	414,919	396,711	.....	2,198	1,262,410	49	44,178
44	All other states and territories. (a)	11	487,054	369,050	115,100	158,625	95,325	118,004	.....	746	623,184	15	12,598

a Includes establishments distributed as follows: Indian territory, 2; North Dakota, 2; Rhode Island, 2; South Dakota, 2; Utah, 2; Wyoming, 1.

STATES AND TERRITORIES: 1890—Continued.

56.—CARRIAGES AND WAGONS, INCLUDING CUSTOM WORK AND REPAIRING—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
		150	$64,204			3	$648	3	$700					$73,842	$189,437	22
15	$6,727	2,710	1,331,616	20	$6,394	10	1,888	286	159,235					2,441,925	5,233,324	23
		35	28,900											25,102	79,330	24
		224	131,512			2	725	4	3,340					196,502	441,539	25
		379	198,347	1	374			126	71,607					358,290	887,853	26
1	208	1,586	915,946	1	416	2	150	94	48,664	6	$2,500			1,084,539	2,886,287	27
24	13,678	8,311	4,668,818	72	20,114	36	6,698	1,266	628,419	59	17,525	32	$4,955	6,786,570	16,803,241	28
		464	153,789	1	20	14	1,688	17	4,141	1	140			249,210	587,814	29
		13	6,709											9,066	23,125	30
49	20,004	7,511	3,591,449	162	46,308	120	23,798	1,650	832,897	40	14,158	10	1,350	9,432,677	18,777,866	31
		125	97,363											86,701	296,580	32
4	1,952	4,726	2,304,303	7	735	56	7,831	365	183,465	3	1,126			2,953,396	7,772,104	33
1	300	325	188,731			1	100							196,285	538,224	34
		248	86,056			2	150	4	1,216					102,483	270,127	35
		32	18,103	1	150									29,084	69,952	36
		568	268,957			6	974	10	4,300					435,906	1,021,386	37
1	135	312	185,700	2	215	4	756	7	4,922					205,889	539,498	38
		193	99,369			1	25	11	6,073	1	252			134,889	345,709	39
		645	258,833	1	50	3	456	16	3,384					424,689	990,864	40
		111	91,835											94,090	273,783	41
		158	73,196			5	772	4	1,278					106,932	257,150	42
8	3,508	2,646	1,192,689	54	13,074	35	6,700	504	254,291	4	960	8	1,337	3,075,538	5,947,499	43
		37	31,696			1	50							29,175	94,980	44

57.—CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM RAILROAD COMPANIES.

39	15,483	100,209	56,276,276	125	38,250	56	12,852	6,239	3,885,057	3	998			66,561,526	129,461,698	1
		1,372	760,774	1	360									784,304	1,581,207	2
		140	112,990											74,985	189,390	3
		847	563,187											715,340	1,299,558	4
		2,849	2,149,178			9	2,416							2,777,306	4,923,071	5
		1,366	1,023,809											894,090	1,965,696	6
		682	418,317											274,237	698,474	7
		615	328,628					206	161,062					748,556	1,280,485	8
		248	125,024			3	520	2	816					140,582	370,154	9
		276	144,187	4	810									201,514	354,043	10
		966	522,657											349,844	892,610	11
2	660	10,252	5,837,783	13	3,906	3	820	9	12,972					5,909,493	12,208,617	12
1	600	5,682	2,925,327	13	4,242	2	385	916	344,334					3,904,281	7,289,382	13
		3,612	2,121,824											2,244,274	4,473,089	14
		2,817	1,721,870	2	456									1,874,646	3,644,038	15
		621	352,835	2	365									225,485	588,925	16
		60	43,271			1	150							61,592	112,847	17
		239	135,275											82,536	224,113	18
		2,904	1,390,413					74	47,245					3,588,572	5,079,035	19
		2,264	1,279,517											1,390,705	2,712,763	20
		2,098	1,119,487											1,492,487	2,645,314	21
1	360	1,940	1,215,995	1	480	10	2,850							1,305,136	2,628,174	22
		1,076	677,093											632,876	1,329,549	23
1	300	2,858	1,737,621			1	150							2,082,326	3,890,542	24
		301	226,013											193,201	429,568	25
		2,041	1,146,206											900,825	2,067,908	26
		209	194,643											231,893	435,084	27
		141	86,804											30,612	119,555	28
5	1,805	4,324	2,294,387	16	4,956			791	513,372	3	998			3,172,891	6,051,179	29
		254	174,038											177,503	354,066	30
3	989	8,556	4,408,948	23	7,803	1	180	5	3,510					4,527,381	9,046,025	31
		434	186,262											200,335	393,576	32
5	1,680	6,570	3,453,668	18	5,796	3	596	806	508,737					3,930,052	8,096,905	33
		1,101	907,739											781,217	1,750,926	34
18	7,889	19,194	10,019,497	32	9,076	23	4,785	3,400	2,268,526					15,822,037	28,769,728	35
		828	394,411											287,862	688,191	36
		1,772	995,287											593,819	1,605,778	37
		2,354	1,574,786											1,223,674	2,860,235	38
		287	156,493					3	1,080					153,976	311,549	39
2	600	1,622	813,535					21	19,719					658,011	1,504,995	40
		342	278,628											175,492	461,561	41
		1,022	433,335											467,841	910,393	42
1	600	2,146	1,216,432					2	1,200					898,673	2,221,152	43
		727	608,102					4	2,484					379,064	1,002,248	44

TABLE 5.—SPECIFIED INDUSTRIES, BY

58.—CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STREET RAILROAD COMPANIES.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	78	$2,351,162	$1,916,929	$814,006	$777,721	$325,202	$434,233	$78,761	2,034	$1,434,377	25	$23,172
2	California	10	107,414	100,023	34,439	11,588	53,996	7,391	7,213	151	132,503	1	900
3	Illinois	3	1,109,500	949,250	422,000	453,000	74,250	160,250	23,060	365	251,604	2	4,500
4	Louisiana	6	36,100	27,850	13,000	10,000	4,850	8,250	2,190	54	38,787		
5	Maryland	3	49,151	18,365	9,500	7,000	1,865	30,786	277	71	45,665	1	382
6	Massachusetts	3	254,381	177,125	52,900	59,150	65,075	77,256	4,294	330	213,821	4	2,500
7	Missouri	14	121,850	109,950	50,500	46,000	13,450	11,900	10,912	171	131,742	4	2,550
8	Nebraska	3	7,625	5,850	4,000	1,250	600	1,775	69	5	5,500		
9	New York	9	193,512	158,062	87,167	56,133	14,762	35,450	8,897	157	118,200	2	1,300
10	Ohio	5	60,970	43,300	18,400	10,600	14,300	17,670	2,250	173	120,746	3	3,600
11	Pennsylvania	6	97,510	55,540	12,000	10,000	33,540	41,970	10,243	277	197,967	1	780
12	All other states and territories. (a)	16	313,149	271,614	110,100	113,000	48,514	41,535	9,356	280	177,842	7	6,660

a Includes establishments distributed as follows: Alabama, 1; Arkansas, 1; District of Columbia, 2; Indiana, 1; Iowa, 1; Kansas, 1; Kentucky, 2; Michigan, 1; Minnesota, 1; New Hampshire, 1; Oregon, 2; Texas, 2.

59.—CARS, STEAM RAILROAD, NOT INCLUDING OPERATIONS OF RAILROAD COMPANIES.

1	The United States...	71	43,641,210	19,316,079	3,811,086	7,878,189	7,626,804	24,325,131	1,725,113	32,062	16,836,531	688	749,136
2	Alabama	3	1,950,044	1,473,822	370,000	685,767	418,055	476,222	49,760	917	542,549	22	15,890
3	Delaware	3	2,839,733	713,889	170,156	307,733	236,000	2,125,844	87,677	2,347	1,396,198	43	64,587
4	Illinois	9	10,070,784	4,794,181	340,072	2,080,240	2,373,869	5,276,603	217,384	7,055	4,363,119	172	127,340
5	Indiana	4	5,199,706	1,971,530	329,430	905,650	736,450	3,228,176	150,782	3,344	1,587,021	33	50,400
6	Massachusetts	3	843,331	412,800	110,500	233,300	69,000	430,531	29,169	418	227,072	12	25,040
7	Michigan	5	3,769,483	1,536,472	541,077	502,638	492,757	2,233,011	245,560	3,808	1,681,425	82	114,248
8	Missouri	5	1,442,927	549,243	105,369	144,932	298,942	893,684	75,773	1,904	1,199,851	48	50,587
9	New York	5	1,835,321	1,043,498	140,500	475,783	427,215	791,823	92,779	2,014	1,163,404	51	62,534
10	Ohio	5	2,843,166	1,096,816	204,500	569,100	323,216	1,746,350	92,007	2,161	1,030,785	21	38,890
11	Pennsylvania	15	7,060,466	2,588,205	439,825	994,559	1,153,821	4,472,261	465,900	4,663	1,975,273	126	140,816
12	All other states (a)	14	5,786,249	3,135,623	1,959,657	978,487	1,097,479	2,650,626	218,322	3,431	1,669,834	78	58,804

a Includes establishments distributed as follows: California, 1; Florida, 1; Kansas, 2; Kentucky, 2; Minnesota, 2; New Hampshire, 1; North Carolina, 1; Tennessee, 2; Virginia, 1; West Virginia, 1.

60.—CARS, STREET RAILROAD, NOT INCLUDING OPERATIONS OF RAILROAD COMPANIES.

1	The United States...	17	2,468,315	988,956	489,500	280,700	218,756	1,479,359	140,462	1,833	1,174,790	48	83,520
2	Massachusetts	3	107,142	11,277	.....	.....	11,277	95,865	13,983	93	56,883	5	4,300
3	Missouri	3	801,280	213,634	94,500	47,000	72,134	587,646	41,980	566	371,604	15	31,000
4	New York	6	1,384,783	698,545	389,000	192,000	117,545	686,238	62,406	913	577,521	20	37,576
5	All other states (a)	5	175,110	65,500	6,000	41,700	17,800	109,610	22,093	261	168,782	8	10,644

a Includes establishments distributed as follows: California, 2; Florida, 1; Minnesota, 1; New Jersey, 1.

61.—CELLULOID AND CELLULOID GOODS.

1	The United States...	12	3,158,487	1,508,245	139,738	359,127	1,009,380	1,650,242	482,016	1,023	619,461	82	171,421
2	New Jersey	3	1,746,818	949,514	100,000	188,793	660,721	797,304	399,587	659	397,977	51	113,076
3	All other states (a)	9	1,411,669	558,731	39,738	170,334	348,659	852,938	82,429	364	221,484	31	58,345

a Includes establishments distributed as follows: Massachusetts, 2; Michigan, 2; Minnesota, 2; New York, 2; Ohio, 1.

STATES AND TERRITORIES: 1890—Continued.

58.—CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STREET RAILROAD COMPANIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	1,998	$1,403,249	.....	.....	1	$240	10	$7,716	.....	.....	.....	.....	$1,154,840	$2,966,347	1
.....	.....	150	131,603	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	114,906	256,015	2
.....	.....	363	247,104	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	238,511	594,854	3
.....	.....	53	38,547	.....	.....	1	240	.....	.....	.....	.....	.....	.....	36,414	79,800	4
.....	.....	70	45,283	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,549	76,477	5
.....	.....	326	211,321	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	206,478	472,582	6
.....	.....	158	122,308	.....	.....	.....	.....	9	6,884	.....	.....	.....	.....	87,658	281,741	7
.....	.....	5	5,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,354	7,909	8
.....	.....	154	116,068	.....	.....	.....	.....	1	832	.....	.....	.....	.....	105,478	263,293	9
.....	.....	170	117,146	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46,053	189,720	10
.....	.....	276	197,187	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	156,294	370,845	11
.....	.....	273	171,182	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	136,145	373,111	12

59.—CARS, STEAM RAILROAD, NOT INCLUDING OPERATIONS OF RAILROAD COMPANIES.

20	$10,566	22,922	11,483,051	174	$53,616	196	34,950	7,982	4,483,137	80	$22,075	.....	.....	44,674,486	70,083,737	1
2	1,104	625	323,200	.....	.....	.....	.....	268	202,355	.....	.....	.....	.....	1,287,806	2,023,930	2
3	1,872	1,866	1,003,491	102	31,632	33	4,616	300	290,000	.....	.....	.....	.....	1,528,528	3,291,293	3
4	1,372	4,553	2,762,749	.....	.....	30	6,240	2,216	1,443,343	80	22,075	.....	.....	10,093,125	17,117,223	4
1	480	2,585	1,307,621	.....	.....	65	12,120	660	216,400	.....	.....	.....	.....	4,924,342	7,073,320	5
.....	.....	282	148,227	.....	.....	.....	.....	124	53,805	.....	.....	.....	.....	483,919	810,583	6
3	1,620	3,403	1,375,116	3	921	.....	.....	317	189,520	.....	.....	.....	.....	8,007,974	11,078,281	7
2	1,660	1,346	866,279	8	2,825	.....	.....	500	278,500	.....	.....	.....	.....	2,655,320	3,974,173	8
2	808	1,740	962,580	49	15,288	3	234	169	121,960	.....	.....	.....	.....	2,382,777	3,166,771	9
.....	.....	1,305	590,605	9	1,870	12	2,030	814	397,390	.....	.....	.....	.....	2,817,578	4,784,135	10
2	1,050	3,522	1,396,566	1	480	1	130	1,011	436,231	.....	.....	.....	.....	6,496,258	10,080,722	11
1	600	1,695	746,617	2	600	52	9,580	1,603	853,633	.....	.....	.....	.....	3,996,859	6,683,297	12

60.—CARS, STREET RAILROAD, NOT INCLUDING OPERATIONS OF RAILROAD COMPANIES.

.....	.....	1,671	989,312	2	780	6	1,560	106	99,618	.....	.....	.....	.....	1,699,235	3,302,115	1
.....	.....	88	52,583	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61,761	143,936	2
.....	.....	544	338,628	1	416	6	1,560	.....	.....	.....	.....	.....	.....	472,062	1,063,926	3
.....	.....	786	439,963	1	364	.....	.....	106	99,618	.....	.....	.....	.....	793,884	1,558,318	4
.....	.....	253	158,138	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	371,528	535,935	5

61.—CELLULOID AND CELLULOID GOODS.

2	920	552	309,211	118	28,055	2	520	135	72,596	132	36,738	.....	.....	856,180	2,575,736	1
.....	.....	312	172,861	60	15,129	.....	.....	116	63,430	120	33,481	.....	.....	444,309	1,721,773	2
2	920	240	136,350	58	12,926	2	520	19	9,166	12	3,257	.....	.....	411,871	853,963	3

TABLE 5.—SPECIFIED INDUSTRIES, BY

62.—CHEESE AND BUTTER, URBAN DAIRY PRODUCT.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	160	$607,590	$449,880	$145,692	$150,149	$154,039	$157,710	$61,228	552	$274,700	156	$96,537
2	District of Columbia....	4	4,057	3,145	1,000	500	1,645	912	585	6	1,870	.....	.....
3	Illinois.....	4	4,906	3,306	.....	.....	3,306	1,600	1,796	10	4,636	1	520
4	Indiana	3	9,925	5,850	800	1,000	4,050	4,075	1,165	25	10,822	4	2,860
5	Iowa.....	3	17,900	15,500	1,700	7,300	6,500	2,400	1,605	33	9,700	.....	.....
6	Kentucky.....	14	22,553	19,900	12,500	3,850	3,550	2,653	4,160	42	17,714	15	10,196
7	Massachusetts.....	8	148,132	80,483	13,392	31,599	35,492	67,649	15,444	66	44,099	9	8,900
8	Minnesota	9	77,516	58,185	4,000	30,000	24,185	19,331	8,143	66	39,904	16	11,720
9	Missouri	7	35,624	26,061	6,500	12,000	7,561	9,563	3,115	33	20,176	10	6,780
10	New York.....	29	50,388	34,340	7,500	9,500	17,340	16,048	9,212	95	52,259	32	18,269
11	Ohio	31	110,975	107,870	76,600	22,600	8,670	3,105	4,291	74	28,029	29	16,405
12	Pennsylvania	38	86,050	66,640	15,200	29,900	21,540	19,410	6,903	61	24,407	25	11,075
13	All other states (a).....	10	39,564	28,600	6,500	1,900	20,200	10,964	4,809	41	21,084	15	9,812

a Includes establishments distributed as follows: California, 2; Connecticut, 1; Delaware, 1; Maine, 2; Michigan, 1; Nevada, 1; Vermont, 1; Virginia, 1.

63.—CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT. (See Table 8.)

1	The United States...	4,552	16,016,573	11,639,692	968,333	5,588,257	5,083,102	4,376,881	813,954	14,369	5,116,005	2,107	856,009
2	California.....	19	125,650	97,215	53,765	23,050	20,400	28,435	7,191	54	26,090	5	2,730
3	Colorado	6	30,065	22,350	3,450	9,750	9,150	7,715	2,208	20	13,840	10	7,630
4	Connecticut.....	49	196,770	141,170	7,051	71,395	62,724	55,600	13,427	162	86,467	17	8,875
5	Delaware	5	19,085	13,600	1,000	3,000	9,600	5,485	1,642	19	6,840	4	1,575
6	Idaho	4	25,175	12,675	4,450	6,875	1,350	12,500	1,314	16	2,600	3	775
7	Illinois.....	262	2,180,685	1,664,395	146,705	774,077	743,613	516,290	106,850	1,540	698,014	192	128,404
8	Indiana	52	129,414	94,325	8,183	45,595	40,547	35,089	5,888	187	70,747	32	14,327
9	Iowa.....	497	2,074,177	1,569,066	100,180	667,851	801,035	505,111	121,160	2,545	1,032,799	183	86,244
10	Kansas.....	101	433,792	359,328	24,192	174,250	160,886	74,464	22,939	312	111,143	41	16,694
11	Maine.....	40	110,215	71,899	3,010	34,554	34,335	38,316	4,598	100	37,195	15	7,051
12	Maryland	24	75,875	64,175	3,505	23,575	37,095	11,700	2,682	56	16,224	14	5,160
13	Massachusetts	29	118,781	88,074	8,301	44,207	35,566	30,707	10,951	91	51,754	6	3,112
14	Michigan	100	481,770	272,653	23,663	111,588	137,302	209,117	30,391	424	139,673	69	28,081
15	Minnesota.....	106	606,184	358,995	38,065	151,285	169,645	247,189	50,849	855	397,618	70	42,717
16	Missouri	61	252,024	224,760	15,275	115,310	94,175	27,264	9,721	186	61,164	28	11,044
17	Nebraska	58	339,165	222,719	22,270	116,216	84,233	116,446	49,563	475	180,367	47	29,241
18	New Hampshire.....	23	71,992	55,231	4,030	22,400	28,801	16,761	7,777	66	34,539	15	10,044
19	New Jersey	16	88,959	64,300	3,600	33,750	26,950	24,659	3,888	39	15,192	3	1,330
20	New York.....	1,308	4,002,026	2,826,268	228,606	1,487,019	1,110,643	1,175,758	149,946	3,075	837,617	598	193,309
21	North Dakota.....	10	38,490	27,245	2,695	13,200	11,350	11,245	2,227	26	7,413	1	600
22	Ohio	330	819,720	568,890	48,078	279,159	241,653	250,830	41,223	890	264,629	114	35,751
23	Oregon.....	12	86,290	78,400	47,100	15,600	15,700	7,890	3,608	32	10,750	2	971
24	Pennsylvania	300	1,322,384	1,040,273	49,428	483,461	507,384	282,111	61,665	904	322,668	136	55,059
25	Rhode Island.....	4	16,983	13,700	200	2,000	11,500	3,283	6,910	19	10,046	5	3,736
26	South Dakota	16	33,993	26,705	3,355	11,460	11,890	7,288	1,552	60	14,609	5	1,487
27	Tennessee.....	4	19,405	17,280	4,575	4,605	8,100	2,125	585	11	2,249	.....	.....
28	Texas	3	19,172	19,000	725	7,500	10,775	172	567	10	1,575	.....	.....
29	Utah	3	22,300	18,500	2,500	10,000	6,000	3,800	345	12	4,610	1	500
30	Vermont	123	367,353	268,257	16,290	122,085	129,882	99,096	14,947	310	95,972	47	18,569
31	Virginia.....	12	47,575	41,115	3,900	16,515	20,700	6,460	808	44	13,033	3	1,346
32	Washington.....	3	9,850	4,450	500	1,350	2,600	5,400	262	4	1,125	1	75
33	West Virginia.....	3	6,905	5,025	200	2,875	1,950	1,880	146	4	630	.....	.....
34	Wisconsin	966	1,833,988	1,278,049	85,281	698,600	494,168	555,939	75,721	1,817	515,361	440	139,572
35	All other states (a).....	3	10,361	9,605	4,205	4,000	1,400	756	403	4	1,252	.....	.....

a Includes establishments distributed as follows: Kentucky, 1; Montana, 1; Wyoming, 1.

STATES AND TERRITORIES: 1890—Continued.

62.—CHEESE AND BUTTER, URBAN DAIRY PRODUCT.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecewerkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
14	$4,916	341	$164,207	35	$8,332	1	$208	5	$500	.....	.....	.....	.....	$1,545,273	$2,050,338	1
.....	.....	6	1,870	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,436	30,022	2
.....	.....	9	4,116	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,062	38,615	3
.....	.....	16	7,492	.....	.....	.....	.....	5	500	.....	.....	.....	.....	39,925	54,750	4
.....	.....	32	9,409	1	309	.....	.....	.....	.....	.....	.....	.....	.....	40,875	59,590	5
.....	.....	17	5,550	9	1,760	1	208	.....	.....	.....	.....	.....	.....	19,267	47,613	6
1	525	54	33,842	2	832	.....	.....	.....	.....	.....	.....	.....	.....	688,175	759,546	7
.....	.....	50	28,184	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	234,827	342,143	8
1	200	22	13,196	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	91,491	128,906	9
4	1,689	58	32,110	1	200	.....	.....	.....	.....	.....	.....	.....	.....	183,066	269,609	10
3	1,300	28	7,178	14	3,146	.....	.....	.....	.....	.....	.....	.....	.....	23,766	59,695	11
2	482	30	11,878	4	972	.....	.....	.....	.....	.....	.....	.....	.....	83,082	122,811	12
3	729	19	9,421	4	1,122	.....	.....	.....	.....	.....	.....	.....	.....	92,391	137,128	13

63.—CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT. (See Table 8.)

43	11,142	11,179	4,018,245	571	107,778	89	10,715	250	84,217	119	$27,648	11	$251	49,819,301	60,635,705	1
.....	.....	45	22,400	4	960	.....	.....	.....	.....	.....	.....	.....	.....	131,283	172,579	2
.....	.....	10	6,219	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75,226	119,924	3
1	250	132	73,356	4	1,400	2	346	6	2,240	.....	.....	.....	.....	700,038	881,327	4
.....	.....	15	5,265	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	107,542	124,780	5
.....	.....	6	1,220	7	895	.....	.....	.....	.....	.....	.....	.....	.....	11,461	17,805	6
4	1,392	1,078	484,561	77	19,582	27	5,194	89	38,336	73	20,545	.....	.....	6,582,144	8,004,991	7
.....	.....	143	51,245	4	1,175	.....	.....	8	4,000	.....	.....	.....	.....	239,599	492,556	8
7	1,660	2,313	937,880	18	3,710	3	190	21	3,115	.....	.....	.....	.....	8,369,689	10,545,182	9
.....	.....	255	92,744	11	1,373	2	188	3	144	.....	.....	.....	.....	713,677	919,787	10
1	260	77	27,673	4	361	.....	.....	3	1,850	.....	.....	.....	.....	334,493	401,626	11
.....	.....	40	10,924	.....	.....	1	60	1	80	.....	.....	.....	.....	160,280	202,288	12
1	520	80	46,538	2	420	.....	.....	2	1,164	.....	.....	.....	.....	484,798	576,742	13
2	575	313	109,231	17	2,863	3	420	4	2,300	16	5,203	.....	.....	949,152	1,179,139	14
2	1,200	709	351,407	4	1,620	3	224	7	450	.....	.....	.....	.....	2,168,307	2,958,476	15
1	250	150	49,234	4	536	2	60	1	40	.....	.....	.....	.....	299,925	400,551	16
.....	.....	387	149,353	6	1,023	1	30	4	320	20	250	10	150	868,839	1,183,000	17
.....	.....	45	22,870	5	1,500	1	125	.....	.....	.....	.....	.....	.....	420,767	494,466	18
.....	.....	35	13,706	1	156	.....	.....	.....	.....	.....	.....	.....	.....	120,223	146,394	19
16	3,481	2,095	569,388	270	49,252	18	1,481	67	18,955	10	1,659	1	101	12,362,992	14,385,966	20
.....	.....	24	6,763	.....	.....	.....	.....	1	50	.....	.....	.....	.....	97,528	85,140	21
2	530	745	221,546	18	2,202	4	310	7	4,200	.....	.....	.....	.....	2,481,872	3,001,606	22
.....	.....	28	9,233	2	546	.....	.....	.....	.....	.....	.....	.....	.....	45,265	66,426	23
2	462	731	259,199	23	6,391	7	782	5	775	.....	.....	.....	.....	4,433,395	5,319,434	24
.....	.....	14	6,310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71,894	91,322	25
.....	.....	52	13,008	1	20	1	45	1	40	.....	.....	.....	.....	76,157	100,884	26
.....	.....	7	2,174	2	26	1	13	1	36	.....	.....	.....	.....	15,176	18,605	27
.....	.....	10	1,575	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,277	10,373	28
.....	.....	11	4,110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,359	18,650	29
.....	.....	244	74,796	18	2,557	1	50	.....	.....	.....	.....	.....	.....	1,387,445	1,602,641	30
.....	.....	36	10,987	.....	.....	.....	.....	5	1,090	.....	.....	.....	.....	158,226	202,544	31
.....	.....	3	1,050	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,475	33,100	32
.....	.....	4	630	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,242	6,549	33
4	562	1,278	389,707	69	9,201	12	1,197	14	5,122	.....	.....	.....	.....	5,876,630	6,960,711	34
.....	.....	4	1,252	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,015	9,150	35

TABLE 5.—SPECIFIED INDUSTRIES, BY

64.—CHEMICALS. (See also Fertilizers; Gunpowder; High explosives; Paints; Varnish, and special report on Chemicals and allied products in Part III.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	563	$55,032,452	$28,530,902	$6,228,481	$9,629,429	$12,672,992	$26,501,550	$4,413,170	16,952	$9,691,843	1,794	$2,316,021
2	California	19	1,442,125	914,300	491,200	144,100	279,000	527,825	62,300	278	189,554	16	26,087
3	Connecticut	4	206,650	114,800	10,000	30,600	74,200	91,850	20,491	60	35,602	6	5,600
4	Delaware	4	173,500	137,100	39,000	70,000	28,100	36,400	2,428	34	17,840	2	2,360
5	Illinois	34	1,829,029	952,011	374,366	270,653	306,992	877,018	113,391	480	297,461	103	104,561
6	Indiana	6	162,724	77,275	12,500	36,700	28,075	85,449	43,571	138	85,902	23	35,115
7	Kentucky	7	117,330	47,600	20,300	15,400	11,900	69,730	17,445	79	27,034	13	11,855
8	Maine	11	61,014	29,190	7,600	7,650	13,940	31,824	3,332	51	25,038	16	10,936
9	Maryland	22	1,399,416	573,448	113,700	221,000	238,748	825,968	88,417	559	248,059	74	77,772
10	Massachusetts	38	1,572,643	554,985	90,500	260,158	204,318	1,017,658	336,506	624	391,823	86	118,014
11	Michigan	64	2,415,685	939,182	186,005	376,750	376,427	1,476,503	438,424	1,531	720,841	184	188,119
12	Minnesota	3	23,500	3,500			3,500	20,000	2,844	35	12,753	2	1,950
13	Missouri	19	1,535,330	557,843	176,500	172,263	209,080	977,487	104,980	578	356,239	64	102,976
14	Nevada	4	393,460	256,368	163,470	27,500	65,398	137,092	22,550	185	67,065	3	6,800
15	New Jersey	44	7,931,419	5,025,121	1,437,169	1,989,900	1,598,052	2,906,298	393,494	1,884	1,184,809	166	260,678
16	New York	133	16,075,305	8,738,216	1,299,315	2,830,404	4,608,497	7,337,089	2,007,320	5,824	3,339,916	526	770,430
17	Ohio	39	2,040,641	1,164,959	176,612	618,850	369,497	875,682	165,586	562	355,618	94	119,278
18	Oregon	3	66,250	8,000			8,000	58,250	3,245	24	26,220	6	15,000
19	Pennsylvania	71	16,618,052	8,011,974	1,527,215	2,423,041	4,061,718	8,606,078	461,270	3,633	2,090,098	335	387,234
20	Rhode Island	7	136,083	50,310	11,700	7,010	31,600	85,773	28,695	62	45,062	13	16,449
21	Tennessee	3	42,950	17,950	5,500	3,500	8,950	25,000	2,400	16	6,958	1	390
22	Texas	4	42,800	10,300	2,000	6,000	2,300	32,500	4,355	21	14,740	7	8,140
23	West Virginia	3	48,100	32,900	7,000	11,500	14,400	15,200	8,978	24	13,323	4	2,760
24	Wisconsin	6	194,000	98,000	22,800	54,500	20,700	96,000	16,440	71	36,403	10	11,100
25	All other states and territories. (a)	15	504,440	215,570	54,020	51,950	109,600	288,876	59,708	190	103,485	40	32,477

a Includes establishments distributed as follows: Alabama, 1; Colorado, 1; District of Columbia, 2; Georgia, 2; Iowa, 1; Kansas, 1; Louisiana, 2; North Carolina, 1; South Carolina, 1; Vermont, 1; Virginia, 2.

65.—CHINA, DECORATING. (See also Clay and pottery products.)

1	The United States...	78	499,647	112,479	23,600	35,100	53,779	387,168	47,879	467	254,524	81	66,346
2	Maryland	3	1,722	1,325			1,325	397	407	8	4,426	3	2,292
3	Massachusetts	5	3,485	1,935			1,935	1,550	2,648	15	6,551	3	2,080
4	Minnesota	15	31,747	12,983	8,500	3,500	983	18,764	2,639	17	13,700		
5	Missouri	3	10,985	5,495	1,000	1,500	2,995	5,490	1,408	19	7,480	3	2,600
6	New Jersey	7	219,737	43,601	8,000	20,000	15,601	176,136	9,906	190	97,594	16	16,371
7	New York	10	40,656	4,305			4,305	36,351	7,953	89	56,405	15	18,651
8	Ohio	5	9,720	8,835	3,000	5,500	335	885	999	5	4,457	2	1,377
9	Pennsylvania	14	45,065	11,375	3,100	4,600	3,675	33,690	5,092	33	17,329	11	6,465
10	Virginia	3	1,910	170			170	1,740	246	3	1,656		
11	Wisconsin	3	127,165	20,875			20,875	106,290	14,078	62	24,310	21	10,600
12	All other states and territories. (a)	10	7,455	1,580			1,580	5,875	2,503	26	20,616	7	5,910

a Includes establishments distributed as follows: California, 2; District of Columbia, 1; Illinois, 2; Kansas, 1; Kentucky, 2; Louisiana, 1; Michigan, 1.

66.—CHOCOLATE AND COCOA PRODUCTS.

1	The United States...	11	2,630,067	878,050	250,000	155,000	473,050	1,752,017	232,891	963	596,604	68	139,229
2	New York	4	912,000	504,000	210,000	105,000	189,000	408,000	31,565	466	269,015	33	37,996
3	All other states (a)	7	1,718,067	374,050	40,000	50,000	284,050	1,344,017	201,326	497	327,589	35	101,233

a Includes establishments distributed as follows: California, 1; Massachusetts, 2; New Jersey, 1; Pennsylvania, 2; Wisconsin, 1.

67.—CIGAR MOLDS.

1	The United States (a) ...	7	210,083	117,332	30,000	36,175	51,157	92,751	8,302	142	67,396	18	17,309

a Includes establishments distributed as follows: Connecticut, 1; Illinois, 1; Iowa, 2; Kentucky, 1; New York, 1; Ohio, 1.

STATES AND TERRITORIES: 1890—Continued.

64.—CHEMICALS. (See also Fertilizers; Gunpowder; High explosives; Paints; Varnish, and special report on Chemicals and allied products in Part III.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks--Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
120	$67,411	11,475	$6,243,321	2,308	$625,889	118	$21,430	436	$201,763	687	$213,824	14	$2,184	$33,694,927	$59,352,548	1
2	624	241	157,508	15	4,707	4	628							890,026	1,463,892	2
		54	30,002											97,209	168,175	3
		32	15,540											233,760	276,000	4
3	1,884	283	167,645	88	19,646	4	936			8	2,789			836,991	1,582,125	5
		62	31,907	51	18,208			2	672					161,031	337,298	6
		33	10,704	8	1,350					25	3,125			43,323	138,259	7
		34	13,842	1	260									43,033	89,356	8
10	2,900	229	116,284	240	49,747	2	156	4	1,200					868,681	1,577,165	9
11	4,060	424	231,007	73	22,077			11	8,818	19	7,847			1,009,898	2,044,623	10
32	19,232	723	302,835	284	90,020	2	285	51	30,150	255	90,200			1,219,045	3,380,388	11
		15	8,463	6	768	12	1,572							58,491	117,050	12
4	3,540	372	215,834	122	32,119	6	1,370			10	400			1,600,083	2,736,960	13
		82	47,763					100	12,502					75,840	208,300	14
6	4,691	1,482	862,196	211	51,784	2	460			17	5,000			5,026,040	8,146,795	15
32	21,208	4,104	2,191,454	670	194,114	52	8,326	81	50,324	345	101,876	14	2,184	11,781,828	20,646,278	16
5	2,076	394	216,539	57	15,368	9	1,720	1	325	2	312			1,039,963	1,991,875	17
		13	9,120	5	2,100									59,100	155,000	18
14	6,716	2,641	1,478,285	436	116,326	23	5,677	179	93,660	5	2,200			8,138,403	13,144,210	19
		46	26,067	2	546			1	2,000					93,972	200,348	20
		10	5,756	3	500			2	312					20,310	47,200	21
		14	6,600											89,000	123,000	22
		16	8,763					4	1,800					31,513	88,702	23
		45	22,728	15	2,500					1	75			82,005	184,807	24
1	480	126	66,479	21	3,749	2	300							195,352	504,742	25

65.—CHINA, DECORATING. (See also Clay and pottery products.)

33	25,558	186	105,515	131	38,616	6	972	20	12,317	10	5,200			364,778	847,555	1
		3	1,770	1	260	1	104							612	6,250	2
3	1,210	5	2,310	4	951									33,156	44,675	3
15	13,200			2	560									7,208	33,375	4
		10	3,680	6	1,200									2,882	13,000	5
3	2,536	82	52,230	84	24,879			5	1,569					102,716	375,572	6
1	416	22	14,646	28	8,496	1	156	12	8,840	10	5,200			56,401	147,170	7
3	3,080													1,365	8,670	8
1	260	13	7,724	1	260	4	712	3	1,908					11,848	48,250	9
3	1,656													630	4,260	12
2	1,200	37	12,000	2	510									34,696	112,863	11
2	2,000	14	11,146	3	1,560									23,264	53,470	12

66.—CHOCOLATE AND COCOA PRODUCTS.

2	1,328	544	353,171	343	101,976	6	900							2,892,219	4,221,675	1
1	600	268	179,170	164	51,249									618,200	1,045,000	2
1	728	276	174,001	179	50,727	6	900							2,274,019	3,176,675	3

67.—CIGAR MOLDS.

		92	42,898	7	1,352	15	2,516	4	2,040	6	1,290			70,060	211,000	1

TABLE 5.—SPECIFIED INDUSTRIES, BY

68.—CLAY AND POTTERY PRODUCTS. (See also Brick and tile, and special report on Clay products in Part III.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.	Males above 16 years.	
												Number.	Wages.
1	The United States...	707	$26,127,104	$15,606,955	$3,976,737	$6,709,949	$4,920,269	$10,520,149	$2,003,007	20,296	$10,138,143	1,268	$1,247,513
2	Alabama	11	37,208	32,330	22,850	4,375	5,105	4,878	833	62	15,387	6	2,693
3	Arkansas	9	22,234	16,023	3,978	8,850	3,195	6,211	1,585	76	22,333	10	4,848
4	California	12	1,048,682	747,220	130,400	314,050	302,770	301,462	153,469	393	260,497	31	40,000
5	Colorado	6	232,640	122,736	47,883	33,121	41,732	109,904	10,215	121	87,249	15	24,960
6	Connecticut	15	212,445	107,250	19,100	47,000	41,150	105,195	29,315	257	143,256	28	31,610
7	District of Columbia	5	173,702	110,646	33,625	30,253	46,768	63,056	6,303	89	40,621	1	900
8	Georgia	17	229,269	168,350	33,290	48,985	86,075	60,919	5,739	264	90,011	31	20,540
9	Illinois	40	1,675,108	907,377	154,140	353,537	399,700	767,731	143,204	1,512	753,934	67	64,221
10	Indiana	20	266,020	147,150	38,950	73,500	34,700	118,870	18,598	359	165,164	32	30,787
11	Iowa	29	311,921	221,860	77,025	80,200	64,635	90,061	24,123	279	119,613	34	23,202
12	Kansas	6	21,275	16,180	2,900	8,450	4,830	5,095	1,390	36	11,390	6	3,294
13	Kentucky	10	250,643	162,911	32,560	39,900	90,451	87,732	13,528	201	97,886	19	16,162
14	Louisiana	5	41,550	31,800	10,000	7,500	14,300	9,750	2,405	51	23,767	8	5,844
15	Maine	9	382,852	163,600	62,500	48,600	52,500	219,252	26,727	172	82,767	14	12,520
16	Maryland	11	497,597	287,000	101,800	82,750	102,450	210,507	9,079	623	263,797	17	17,014
17	Massachusetts	29	811,541	414,740	68,200	177,800	168,740	396,801	42,489	510	274,987	43	43,540
18	Michigan	11	364,446	184,425	35,950	45,150	103,325	180,021	22,374	208	96,620	18	20,270
19	Minnesota	9	243,075	141,400	54,600	40,900	45,900	101,675	21,566	181	89,921	16	12,200
20	Mississippi	3	50,140	33,380	10,850	12,000	10,530	16,760	511	46	24,980	8	7,000
21	Missouri	45	1,408,592	871,135	247,770	307,457	315,908	537,457	165,671	1,093	553,904	80	90,663
22	New Hampshire	4	61,350	25,750	4,500	10,700	10,550	35,600	5,972	36	19,022	5	2,624
23	New Jersey	60	5,478,332	3,1[illegible],183	766,533	1,525,553	836,097	2,350,149	467,998	4,628	2,596,699	194	237,922
24	New York	56	2,785,120	1,600,920	441,350	727,800	431,770	1,184,200	167,503	1,756	901,160	114	114,246
25	North Carolina	9	3,146	2,080	430	1,060	590	1,066	57	34	6,721	7	2,839
26	Ohio	125	5,927,139	3,673,765	865,677	1,720,110	1,087,978	2,253,374	459,333	4,873	2,312,510	254	250,902
27	Pennsylvania	67	2,689,211	1,671,374	455,411	753,066	462,897	1,017,837	156,104	1,671	745,795	120	103,785
28	South Carolina	5	11,975	9,780	5,600	3,200	980	2,195	319	34	10,165	5	2,940
29	Tennessee	10	45,884	29,523	5,180	8,840	15,503	16,361	1,582	74	20,400	7	4,476
30	Texas	19	85,147	68,807	21,627	29,125	18,055	16,340	2,854	133	53,610	16	10,243
31	Vermont	4	53,340	38,000	13,750	18,700	5,550	15,340	2,853	29	13,502	3	1,350
32	Virginia	10	13,170	7,075	1,950	3,200	1,925	6,095	904	39	7,919	8	2,694
33	Washington	4	152,193	116,922	52,160	46,114	18,649	35,270	5,317	84	50,405	10	9,300
34	West Virginia	8	86,682	62,205	38,200	15,700	8,305	24,477	2,759	68	27,828	7	4,804
35	Wisconsin	16	185,340	94,952	31,798	26,503	36,651	90,388	12,634	150	68,820	19	14,444
36	All other states and territories. (a)	8	268,225	190,105	84,200	55,900	50,005	78,120	17,694	154	85,503	15	12,607

a Includes establishments distributed as follows: Delaware, 2; Florida, 1; Nebraska, 1; Oregon, 1; Rhode Island, 2; Utah, 1.

69.—CLEANSING AND POLISHING PREPARATIONS. (See also Blacking.)

1	The United States...	56	304,160	115,731	23,700	28,850	63,181	188,429	40,801	390	176,949	88	74,429
2	Connecticut	4	7,725	825	.....	.....	825	6,900	6,098	23	12,724	5	4,500
3	Illinois	8	67,497	17,360	1,600	5,150	10,610	50,137	6,156	67	32,215	17	16,195
4	Massachusetts	12	114,054	44,010	15,300	20,500	8,210	70,044	14,488	107	56,263	22	17,694
5	Missouri	6	26,680	14,970	6,000	2,000	6,970	11,710	3,457	51	19,478	12	9,504
6	New York	9	48,508	24,563	.....	.....	24,563	23,945	5,309	33	21,821	13	12,445
7	Pennsylvania	6	24,700	10,100	.....	.....	10,100	14,600	3,554	44	21,010	9	7,620
8	All other states (a)	11	14,996	3,903	800	1,200	1,903	11,093	1,739	65	13,438	10	6,471

a Includes establishments distributed as follows: California, 1; Indiana, 1; Maryland, 2; Michigan, 1; New Hampshire, 2; New Jersey, 1; Ohio, 1; Rhode Island, 1; Wiscensin, 1.

70.—CLOCK CASES AND MATERIALS. (See also Watch and clock materials.)

1	The United States (a)...	4	43,863	24,399	8,000	3,133	13,266	19,464	2,308	32	20,688	3	3,250

a Includes establishments distributed as follows: Connecticut, 3; New York, 1.

71.—CLOCKS.

1	The United States...	27	5,727,202	1,836,508	240,562	621,054	974,892	3,890,694	272,984	3,585	1,935,525	86	123,908
2	Connecticut	9	4,485,429	1,391,884	195,662	511,273	684,949	3,093,545	200,499	2,840	1,462,140	56	85,419
3	Massachusetts	4	891,038	328,222	29,000	80,000	219,222	562,816	44,293	398	280,596	11	14,058
4	New York	6	204,876	57,577	8,000	17,781	31,796	147,293	19,802	222	131,177	9	13,448
5	All other states (a)	8	145,859	58,825	7,900	12,000	38,925	87,034	8,390	125	61,612	10	10,983

a Includes establishments distributed as follows: Illinois, 1; Iowa, 1; Michigan, 1; Missouri, 1; New Jersey, 1; Pennsylvania, 1; Rhode Island, 1; Wisconsin, 1.

STATES AND TERRITORIES: 1890—Continued.

68.—CLAY AND POTTERY PRODUCTS. (See also Brick and tile, and especial report on Clay products in Part III.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
48	$21,598	13,950	$6,808,408	1,532	$346,288	405	$59,982	2,452	$1,471,156	491	$152,554	150	$30,644	$5,618,401	$22,057,090	1
.....	.....	40	10,880	.....	.....	11	618	5	1,196	.....	.....	.....	.....	3,803	23,381	2
.....	.....	42	13,625	2	470	16	1,760	4	1,474	.....	.....	2	156	7,438	35,849	3
.....	.....	355	215,777	.....	.....	.....	.....	7	4,720	.....	.....	.....	.....	276,121	895,260	4
.....	.....	99	60,089	.....	.....	6	1,300	1	900	.....	.....	.....	.....	88,167	215,542	5
.....	.....	172	84,016	17	4,510	8	1,636	32	21,484	.....	.....	.....	.....	47,593	267,840	6
.....	.....	86	38,521	.....	.....	.....	.....	2	1,200	.....	.....	.....	.....	29,880	114,637	7
.....	.....	217	64,059	4	504	2	40	10	4,868	.....	.....	.....	.....	31,177	211,250	8
2	916	1,275	623,545	35	5,720	43	5,853	90	53,679	.....	.....	.....	.....	426,134	1,556,590	9
.....	.....	245	110,994	41	8,058	.....	.....	27	13,141	14	2,184	.....	.....	65,456	313,421	10
.....	.....	218	84,173	.....	.....	.....	.....	23	10,238	4	2,000	.....	.....	49,962	237,275	11
.....	.....	20	5,844	.....	.....	3	192	7	2,060	.....	.....	.....	.....	4,696	23,117	12
2	615	142	61,277	15	2,270	.....	.....	23	17,562	.....	.....	.....	.....	48,498	194,578	13
.....	.....	42	17,347	.....	.....	.....	.....	1	576	.....	.....	.....	.....	9,431	45,370	14
1	300	151	65,538	.....	.....	.....	.....	6	4,400	.....	.....	.....	.....	87,935	292,314	15
1	210	491	214,337	65	15,000	20	2,130	25	14,156	3	846	1	104	116,560	504,225	16
3	1,540	364	193,007	43	10,985	7	950	47	24,250	3	715	.....	.....	114,355	505,354	17
.....	.....	172	69,376	.....	.....	7	1,124	11	5,859	.....	.....	.....	.....	55,362	228,352	18
.....	.....	123	56,500	2	480	4	600	36	20,132	.....	.....	.....	.....	57,512	214,600	19
.....	.....	32	16,600	.....	.....	5	600	1	780	.....	.....	.....	.....	11,457	44,000	20
2	1,365	954	436,321	1	200	15	3,519	40	21,740	.....	.....	1	156	318,781	1,278,713	21
.....	.....	17	8,622	8	3,276	.....	.....	6	4,500	.....	.....	.....	.....	11,872	45,300	22
9	4,394	2,731	1,619,255	579	131,606	96	16,398	771	505,740	220	66,984	88	14,400	1,366,834	5,165,537	23
9	3,802	1,223	626,916	176	42,116	12	1,496	147	83,401	75	29,183	.....	.....	537,573	2,122,744	24
.....	.....	23	3,422	.....	.....	.....	.....	4	400	.....	.....	.....	.....	2,350	13,120	25
13	5,906	2,835	1,301,373	436	98,319	78	13,756	1,030	576,334	170	50,142	57	15,778	1,313,230	5,047,501	26
2	1,050	1,337	585,376	103	20,836	37	3,704	71	30,994	.....	.....	1	50	390,164	1,739,953	27
.....	.....	27	6,750	.....	.....	1	75	1	400	.....	.....	.....	.....	2,665	14,291	28
.....	.....	48	11,624	.....	.....	15	1,700	4	2,600	.....	.....	.....	.....	7,085	33,030	29
1	140	85	25,687	.....	.....	1	142	30	17,398	.....	.....	.....	.....	18,011	96,580	30
1	400	18	7,512	.....	.....	.....	.....	7	4,240	.....	.....	.....	.....	7,527	29,048	31
.....	.....	21	3,900	.....	.....	4	225	6	1,100	.....	.....	.....	.....	2,949	17,840	32
.....	.....	73	40,745	1	360	.....	.....	.....	.....	.....	.....	.....	.....	19,026	139,829	33
.....	.....	43	16,147	.....	.....	6	664	10	5,713	2	500	.....	.....	12,640	55,372	34
.....	.....	109	44,338	2	828	.....	.....	20	9,210	.....	.....	.....	.....	35,771	142,977	35
2	1,020	120	64,906	2	750	8	1,500	7	4,720	.....	.....	.....	.....	39,786	192,300	36

69.—CLEANSING AND POLISHING PREPARATIONS. (See also Blacking.)

1	260	204	80,403	83	19,858	8	1,049	3	400	3	550	.....	.....	382,120	865,904	1
.....	.....	12	6,852	6	1,372	.....	.....	.....	.....	.....	.....	.....	.....	11,972	39,200	2
.....	.....	33	12,820	15	3,025	2	175	.....	.....	.....	.....	.....	.....	56,485	130,615	3
.....	.....	43	27,312	40	11,057	.....	.....	2	200	.....	.....	.....	.....	150,169	388,239	4
.....	.....	28	8,254	9	1,466	2	254	.....	.....	.....	.....	.....	.....	35,950	74,805	5
.....	.....	14	7,928	5	1,248	.....	.....	1	200	.....	.....	.....	.....	86,933	121,484	6
1	260	26	11,406	6	1,274	.....	.....	.....	.....	2	450	.....	.....	27,688	77,656	7
.....	.....	48	5,831	2	416	4	620	.....	.....	1	100	.....	.....	12,923	33,875	8

70.—CLOCK CASES AND MATERIALS. (See also Watch and clock materials.)

.....	.....	29	17,438	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,724	44,038	1

71.—CLOCKS.

8	3,592	1,809	1,048,449	322	107,189	25	4,567	1,133	586,723	188	57,685	14	3,412	1,457,778	4,228,846	1
7	3,092	1,277	698,117	249	75,206	20	3,993	1,043	538,642	176	54,595	12	3,076	1,687,327	3,117,186	2
1	500	259	201,211	60	29,673	.....	.....	66	34,834	1	320	.....	.....	99,941	552,383	3
.....	.....	198	109,929	3	350	3	350	9	7,100	.....	.....	.....	.....	197,661	384,597	4
.....	.....	75	39,192	10	1,960	2	224	15	6,147	11	2,770	2	336	72,849	174,680	5

TABLE 5.—SPECIFIED INDUSTRIES, BY

72.—CLOTH, SPONGING AND REFINISHING.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	23	$229,335	$146,185	$14,000	$18,500	$113,685	$33,150	$10,493	396	$244,302	39	$42,788
2	Massachusetts	5	5,885	4,985	.....	.....	4,985	900	5,972	42	22,060	6	4,004
3	New York	8	140,500	76,500	.....	.....	76,500	64,000	27,429	261	166,348	19	25,320
4	Ohio	3	4,000	1,700	.....	.....	1,700	2,300	1,555	26	13,494	5	4,374
5	Pennsylvania	3	55,350	43,000	10,000	11,500	21,500	12,350	2,741	51	31,052	3	2,560
6	All other states (a)	4	23,600	20,000	4,000	7,000	9,000	3,600	2,796	16	11,348	6	6,530

a Includes establishments distributed as follows: Maryland, 1; Michigan, 1; New Jersey, 1; Wisconsin, 1.

73.—CLOTHING, HORSE.

1	The United States...	31	1,028,523	106,832	27,350	31,900	47,582	921,691	57,894	952	313,305	68	71,538
2	New York	6	69,350	10,450	800	1,700	7,950	58,900	6,810	99	66,324	12	25,880
3	Pennsylvania	11	303,332	41,985	10,950	10,800	11,235	261,347	13,724	276	82,795	15	9,270
4	Wisconsin	4	115,151	19,900	2,000	3,000	14,900	95,254	7,898	254	55,822	5	6,800
5	All other states (a)	10	540,687	34,497	13,600	7,400	13,497	506,190	29,462	323	108,364	34	29,588

a Includes establishments distributed as follows: Connecticut, 1; Illinois, 2; Indiana, 1; Maryland, 1; Massachusetts, 1; Michigan, 1; Minnesota, 1; New Jersey, 1; West Virginia, 1.

74.—CLOTHING, MEN'S, CUSTOM WORK AND REPAIRING.

1	The United States...	13,591	54,109,273	11,090,130	4,202,761	4,342,542	2,544,827	43,019,143	7,913,423	86,143	48,551,103	14,538	12,128,714
2	Alabama	38	173,319	17,865	2,700	6,500	8,665	155,454	26,316	286	184,675	39	35,530
3	Arkansas	19	66,986	4,160	.....	.....	4,160	62,826	10,769	105	90,296	24	24,548
4	California	381	1,560,805	179,639	62,270	41,500	75,869	1,381,166	426,367	2,535	1,987,894	495	474,047
5	Colorado	86	348,329	76,610	47,500	7,400	21,710	271,719	65,540	533	459,376	93	111,865
6	Connecticut	256	942,241	98,325	14,200	27,300	56,825	843,916	127,178	1,632	978,703	265	242,736
7	Delaware	29	179,272	55,147	29,017	19,300	6,830	124,125	10,563	268	109,247	27	20,894
8	District of Columbia	116	506,416	111,325	56,050	18,250	37,025	395,091	59,163	859	463,086	130	89,911
9	Florida	11	21,068	4,355	.....	.....	4,355	16,713	4,459	47	22,945	9	6,930
10	Georgia	77	358,381	97,924	49,250	34,000	14,674	260,457	36,865	583	337,907	76	57,183
11	Illinois	1,097	4,642,508	1,016,742	424,900	405,875	185,967	3,625,764	800,876	8,379	4,959,894	1,290	1,117,940
12	Indiana	348	1,278,951	274,291	95,115	133,660	45,516	1,004,660	124,870	2,408	1,213,622	320	246,336
13	Iowa	205	780,976	147,270	49,166	55,500	42,604	633,706	80,960	1,258	695,813	180	136,388
14	Kansas	143	394,044	82,329	31,350	31,966	19,013	311,715	47,198	651	380,504	117	88,123
15	Kentucky	165	997,862	199,007	75,687	92,200	31,120	798,855	87,383	1,527	785,952	216	187,264
16	Louisiana	84	206,385	56,365	27,750	19,125	9,490	150,020	26,858	341	221,060	81	66,466
17	Maine	99	438,125	89,347	32,600	34,600	22,147	348,778	34,571	847	331,367	87	69,833
18	Maryland	288	1,353,026	232,365	80,151	112,075	40,139	1,120,661	88,582	2,134	1,005,528	329	249,936
19	Massachusetts	1,035	3,018,610	433,827	65,300	133,875	234,652	2,584,783	1,106,589	5,872	3,267,873	1,034	830,721
20	Michigan	425	1,580,763	313,244	102,400	123,730	87,114	1,267,519	229,775	2,773	1,457,255	419	330,044
21	Minnesota	271	1,169,619	202,125	80,925	63,125	58,075	967,494	135,396	1,800	1,136,982	282	220,772
22	Mississippi	14	29,330	1,975	200	300	1,475	27,355	2,677	55	31,708	13	7,777
23	Missouri	482	2,054,164	421,399	166,191	163,225	91,983	1,632,765	293,680	3,523	2,033,483	600	531,748
24	Montana	14	135,420	58,540	25,800	26,600	6,140	76,880	14,477	100	106,414	11	13,684
25	Nebraska	131	413,048	70,936	29,275	24,165	17,496	342,112	67,971	676	421,305	129	107,174
26	New Hampshire	78	301,535	39,237	6,450	16,200	16,587	262,298	30,795	681	278,674	69	55,902
27	New Jersey	306	1,228,759	481,557	215,500	218,950	47,107	747,202	138,317	1,714	919,693	338	282,161
28	New York	3,855	13,694,069	2,355,483	818,883	842,949	693,651	11,338,586	2,161,605	20,302	12,392,778	4,440	3,802,362
29	North Carolina	30	40,370	4,305	200	700	3,405	36,065	7,764	134	58,726	24	17,052
30	North Dakota	7	19,110	1,450	.....	.....	1,450	17,660	3,506	40	27,298	9	7,115
31	Ohio	1,179	4,373,948	1,005,568	419,205	422,745	163,618	3,368,380	530,138	8,152	4,008,145	1,134	910,912
32	Oregon	19	130,790	17,215	6,000	3,500	7,715	113,575	18,295	168	113,303	26	26,770
33	Pennsylvania	1,343	7,804,087	2,121,664	880,466	930,134	311,064	5,682,423	703,637	9,553	4,742,778	1,338	1,064,061
34	Rhode Island	136	412,612	50,853	7,850	11,750	31,253	361,759	75,063	918	435,904	104	83,323
35	South Carolina	44	105,235	55,735	27,450	20,450	7,835	49,500	9,138	191	92,229	40	26,422
36	South Dakota	4	8,250	2,500	300	1,700	500	5,750	872	13	5,810	1	180
37	Tennessee	77	295,174	36,064	13,900	7,740	14,424	259,110	40,683	510	276,780	73	53,015
38	Texas	96	282,485	47,712	17,100	9,250	21,362	234,773	39,300	440	324,511	81	70,479
39	Utah	16	114,810	66,620	34,250	28,550	3,820	48,190	8,961	106	67,549	17	13,471
40	Vermont	35	177,138	62,985	22,900	32,600	7,485	114,153	11,202	265	115,150	32	21,898
41	Virginia	117	443,807	70,107	28,220	27,580	14,307	373,700	33,557	705	313,757	116	78,921
42	Washington	41	151,572	14,162	1,750	4,000	8,412	137,410	37,555	269	238,650	38	43,335
43	West Virginia	39	249,888	50,362	14,200	26,225	9,877	199,586	18,494	423	201,332	46	44,502
44	Wisconsin	342	1,584,133	349,916	136,940	157,198	55,778	1,234,217	135,447	2,334	1,227,633	343	256,715
45	Wyoming	8	27,560	9,318	3,000	5,000	1,318	18,242	2,380	22	18,150	2	1,490
46	All other states (a)	7	14,295	2,265	400	1,050	815	12,030	1,631	11	9,964	1	780

a Includes establishments distributed as follows: Idaho, 1; Nevada, 6.

STATES AND TERRITORIES: 1890—Continued.

72.—CLOTH, SPONGING AND REFINISHING.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
3	$884	348	$199,060	4	$1,200	2	$364	.....	.....	.....	.....	.....	.....	$34,132	$339,814	1
.....	.....	36	18,056	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,139	38,850	2
.....	.....	242	141,028	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,401	275,200	3
1	364	19	8,548	.....	.....	1	208	.....	.....	.....	.....	.....	.....	380	20,050	4
1	364	43	26,028	4	1,200	.....	.....	.....	.....	.....	.....	.....	.....	3,498	46,500	5
1	156	8	4,506	.....	.....	1	150	.....	.....	.....	.....	.....	.....	714	19,214	6

73.—CLOTHING, HORSE.

5	2,693	184	63,406	150	47,804	62	9,207	81	$25,365	373	$89,872	31	$3,420	777,570	1,572,265	1
.....	.....	29	18,480	40	14,892	.....	.....	1	780	17	6,292	.....	.....	155,600	333,000	2
.....	.....	62	17,438	47	19,076	3	352	26	8,840	123	27,819	.....	.....	209,863	395,000	3
.....	.....	38	15,749	22	3,580	29	3,503	10	1,870	120	21,200	30	3,120	97,020	183,690	4
5	2,693	55	11,739	41	10,256	30	5,352	44	13,875	113	34,561	1	300	315,087	660,575	5

74.—CLOTHING, MEN'S, CUSTOM WORK AND REPAIRING.

426	176,734	22,343	13,903,830	9,106	2,641,031	452	71,115	28,511	16,697,405	10,673	2,910,214	94	22,060	50,494,637	126,219,151	1
.....	.....	60	47,990	32	10,662	2	137	140	88,230	13	2,126	.....	.....	199,716	489,268	2
.....	.....	30	24,852	.....	.....	.....	.....	51	40,896	.....	.....	.....	.....	72,975	198,179	3
3	2,189	440	378,747	177	66,946	23	4,261	1,255	1,003,143	142	58,561	.....	.....	2,038,616	5,288,797	4
1	624	221	192,005	52	25,824	4	676	129	114,486	33	13,296	.....	.....	352,270	1,003,783	5
3	860	304	195,135	85	27,969	5	717	710	432,530	259	78,456	1	300	886,523	2,293,203	6
.....	.....	45	33,726	55	15,973	7	857	33	16,664	101	21,133	.....	.....	101,720	252,475	7
.....	.....	418	271,619	175	54,785	4	644	42	21,962	90	24,165	.....	.....	372,088	1,072,394	8
.....	.....	16	9,090	1	320	.....	.....	13	4,665	8	1,940	.....	.....	24,184	61,495	9
1	200	217	139,056	69	23,635	2	276	129	90,133	79	27,424	.....	.....	366,767	894,366	10
29	10,095	2,731	1,656,154	616	190,004	27	4,390	2,974	1,845,895	709	134,492	3	324	5,358,314	13,556,581	11
8	4,610	382	235,688	232	58,294	9	1,380	1,017	550,309	433	115,339	7	1,666	1,279,690	3,098,316	12
1	312	355	212,857	118	40,175	7	1,245	516	279,185	80	25,551	1	100	702,581	1,691,294	13
2	1,650	194	123,155	62	21,366	2	500	206	124,854	67	20,756	1	100	358,074	911,104	14
3	1,372	269	164,136	54	15,635	4	510	647	336,879	334	80,256	.....	.....	955,761	2,108,850	15
4	1,230	74	44,930	20	5,204	.....	.....	160	102,758	2	472	.....	.....	216,225	526,046	16
2	550	103	61,123	195	61,160	1	200	27	12,471	432	126,030	.....	.....	384,438	851,312	17
10	2,448	553	298,970	117	27,173	12	1,447	882	384,023	231	41,531	.....	.....	1,081,926	2,752,332	18
20	8,709	1,568	1,038,547	1,267	444,831	38	6,216	882	609,688	1,052	356,009	11	3,152	2,979,054	8,501,602	19
3	568	610	352,166	434	121,251	27	3,901	909	534,270	358	114,305	4	750	1,480,553	3,703,823	20
4	1,892	557	351,765	60	21,447	6	1,046	788	503,746	103	36,314	.....	.....	939,079	2,612,138	21
.....	.....	15	7,360	6	1,632	.....	.....	19	14,471	2	468	.....	.....	33,409	79,841	22
26	9,803	809	497,829	419	110,280	27	4,522	1,395	797,343	245	81,502	2	456	1,951,138	4,956,099	23
.....	.....	25	27,668	.....	.....	.....	.....	57	60,962	7	4,100	.....	.....	84,195	245,019	24
.....	.....	220	143,753	19	4,801	1	220	294	161,217	13	4,140	.....	.....	361,359	985,821	25
5	1,186	104	65,190	130	41,506	.....	.....	42	13,892	331	100,908	.....	.....	315,614	708,693	26
8	3,988	558	318,889	188	47,253	19	2,604	462	233,490	146	31,108	1	200	1,092,221	2,543,663	27
79	37,470	5,869	3,704,644	1,521	427,663	74	10,914	6,747	3,972,943	1,548	429,331	24	7,451	13,378,867	32,446,181	28
2	610	32	16,708	28	5,923	2	244	29	15,619	17	2,570	.....	.....	71,989	161,999	29
.....	.....	16	10,666	2	885	.....	.....	11	7,592	2	1,040	.....	.....	27,210	68,650	30
159	63,873	1,509	934,930	1,037	239,114	29	4,540	2,860	1,487,730	1,415	365,343	9	1,703	4,259,432	10,641,375	31
1	700	33	24,856	13	4,540	1	312	85	51,181	9	4,944	.....	.....	135,923	307,822	32
29	12,112	2,291	1,347,737	1,215	327,495	88	15,085	2,947	1,581,237	1,621	390,465	24	4,586	5,206,948	12,774,746	33
.....	.....	233	136,725	153	46,324	12	1,856	196	98,771	220	68,905	.....	.....	408,937	1,090,294	34
5	2,454	42	16,490	10	2,048	1	120	71	38,308	22	6,387	.....	.....	71,415	212,438	35
.....	.....	6	1,950	.....	.....	.....	.....	6	3,680	.....	.....	.....	.....	10,610	20,522	36
1	364	131	70,560	29	9,482	2	273	244	132,871	30	10,215	.....	.....	302,580	732,979	37
2	1,600	103	70,894	18	5,947	.....	.....	228	172,828	8	2,763	.....	.....	303,793	785,155	38
.....	.....	33	20,730	3	912	2	272	49	31,104	2	1,000	.....	.....	70,917	189,183	39
.....	.....	71	43,773	74	23,570	.....	.....	7	6,330	77	18,621	4	960	146,298	324,921	40
5	1,559	158	78,002	67	11,536	1	50	203	112,422	155	31,267	.....	.....	280,577	735,808	41
1	416	69	54,883	15	8,564	3	676	149	128,376	4	2,400	.....	.....	179,201	521,041	42
2	700	100	62,696	145	35,661	3	322	54	36,600	71	20,539	2	312	241,285	556,594	43
7	1,990	760	435,006	192	52,841	7	702	817	425,827	208	63,952	.....	.....	1,371,913	3,178,081	44
.....	.....	6	5,660	.....	.....	.....	.....	14	11,000	.....	.....	.....	.....	23,427	52,801	45
.....	.....	4	3,860	1	500	.....	.....	5	4,824	.....	.....	.....	.....	14,875	32,061	46

TABLE 5.—SPECIFIED INDUSTRIES, BY

75.—CLOTHING, MEN'S, FACTORY PRODUCT.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	4,867	$128,253,547	$8,359,363	$2,069,521	$3,269,222	$3,020,620	$119,894,184	$20,460,045	156,341	$62,311,644	10,558	$10,850,469
2	Alabama	3	78,463	14,285	1,500	6,006	6,779	64,178	3,156	172	31,360	3	4,000
3	California	121	724,697	28,157	.....	.....	28,157	696,540	57,144	1,884	787,677	606	275,438
4	Connecticut	3	3,850	1,000	100	400	500	2,850	213	35	11,564	3	2,100
5	Georgia	13	145,105	54,130	18,500	24,500	11,130	90,975	5,905	369	98,543	28	18,295
6	Illinois	199	13,275,575	552,459	159,500	146,314	246,645	12,723,116	2,752,621	16,612	6,533,965	583	629,652
7	Indiana	22	1,115,219	141,046	39,300	39,000	62,746	974,173	120,830	1,945	518,998	65	68,040
8	Iowa	7	436,900	29,700	500	1,500	27,700	407,200	68,804	574	150,021	19	15,960
9	Kansas	7	95,904	20,929	6,000	5,194	9,735	74,975	7,220	318	78,392	9	4,600
10	Kentucky	248	1,146,454	188,996	47,325	85,350	56,321	957,458	74,268	2,912	808,001	179	129,320
11	Louisiana	26	1,169,927	140,291	47,400	48,900	43,991	1,029,636	54,060	3,686	612,421	90	100,106
12	Maine	87	661,430	194,389	30,500	98,750	65,139	470,041	97,243	6,059	725,805	73	55,732
13	Maryland	125	9,782,643	780,210	201,035	430,825	148,350	9,002,433	406,166	13,094	4,178,971	377	406,416
14	Massachusetts	221	11,254,626	268,287	33,300	78,950	156,037	10,986,339	2,521,163	8,196	3,733,499	863	832,302
15	Michigan	20	642,602	57,876	5,375	15,700	36,801	584,726	259,844	651	243,558	49	57,399
16	Minnesota	7	857,308	55,655	500	400	54,755	801,653	35,030	974	356,633	45	54,530
17	Missouri	59	4,966,073	411,280	70,200	193,700	147,380	4,554,793	369,911	6,395	2,118,348	269	338,583
18	Nebraska	5	148,686	17,319	1,400	4,200	11,719	131,367	9,631	247	79,650	7	7,604
19	New Hampshire	17	275,950	39,300	8,050	17,800	13,450	236,650	7,470	710	163,193	29	20,935
20	New Jersey	104	1,484,179	508,365	231,125	233,000	44,240	975,814	614,331	2,664	1,051,014	119	124,664
21	New York	2,661	46,153,319	2,962,833	528,236	1,184,733	1,249,864	43,190,486	6,937,994	59,409	29,692,801	5,048	5,483,838
22	North Carolina	3	14,150	1,650	.....	.....	1,650	12,500	4,199	56	16,960	7	5,260
23	Ohio	508	13,106,296	794,110	286,075	346,500	161,535	12,312,186	1,034,007	16,357	4,723,120	886	1,039,630
24	Oregon	5	119,715	1,975	.....	.....	1,975	117,740	56,823	73	50,060	8	7,020
25	Pennsylvania	337	15,609,046	770,835	235,400	260,100	275,335	14,838,211	4,053,254	8,662	4,165,904	925	842,638
26	Rhode Island	6	1,086,719	56,895	.....	.....	56,895	1,029,824	585,106	541	312,252	75	112,252
27	South Carolina	6	79,695	2,320	.....	.....	2,320	77,375	3,696	115	41,844	14	14,200
28	Tennessee	5	238,917	14,000	.....	.....	14,000	224,917	17,224	290	94,012	20	25,043
29	Texas	4	94,655	14,600	.....	.....	14,600	80,055	16,661	249	63,000	10	16,000
30	Virginia	7	49,630	10,840	3,200	7,400	240	38,790	1,883	110	24,108	5	3,215
31	Wisconsin	27	3,200,775	87,008	5,000	25,000	57,008	3,113,767	258,831	2,804	735,725	137	149,472
32	All other states (a)	4	232,039	138,623	110,000	15,000	13,623	93,416	25,357	178	110,245	7	6,025

a Includes establishments distributed as follows: Colorado, 2; Mississippi, 1; Vermont, 1.

76.—CLOTHING, MEN'S, FACTORY PRODUCT, BUTTONHOLES.

1	The United States...	200	190,118	130,153	11,130	12,442	106,581	59,965	45,956	1,373	526,925	187	123,726
2	Illinois	3	560	560	.....	.....	560	.....	289	14	5,232	3	1,540
3	Massachusetts	11	6,140	4,855	.....	.....	4,855	1,285	2,567	60	21,304	6	4,472
4	New Jersey	3	2,800	2,800	1,000	800	1,000	.....	364	16	6,656	4	2,534
5	New York	147	122,551	86,628	7,530	7,142	71,956	35,923	30,863	965	369,596	139	94,858
6	Ohio	13	12,110	10,700	2,600	4,500	3,600	1,410	1,904	64	16,692	11	6,119
7	Pennsylvania	17	42,932	22,560	.....	.....	22,560	20,372	8,982	229	93,431	14	8,452
8	All other states (a)	6	8,025	2,050	.....	.....	2,050	975	987	35	14,014	10	5,651

a Includes establishments distributed as follows: California, 2; Kentucky, 1; Maryland, 2; Wisconsin, 1.

77.—CLOTHING, WOMEN'S, DRESSMAKING.

1	The United States...	19,587	12,883,079	6,492,274	2,365,464	2,258,391	1,868,419	6,390,805	3,177,670	67,598	22,373,636	709	581,296
2	Alabama	102	60,464	25,463	9,200	7,760	8,503	35,001	17,270	405	128,147	3	2,100
3	Arkansas	27	17,850	5,645	1,800	1,900	1,945	12,205	4,836	133	61,690	3	3,900
4	California	470	361,971	107,846	27,780	22,600	57,466	254,125	112,167	2,211	935,102	81	34,320
5	Colorado	21	98,617	9,471	3,250	1,850	4,371	89,146	12,400	158	86,502	1	2,400
6	Connecticut	430	195,982	75,129	14,050	14,725	46,354	120,853	53,160	1,437	443,441	23	15,960
7	Delaware	62	11,815	5,800	1,000	800	4,000	6,015	4,940	174	52,663	2	1,000
8	District of Columbia	143	150,095	50,335	12,150	6,025	32,160	99,760	31,176	644	214,981	10	8,540
9	Florida	29	4,055	2,885	.....	.....	2,885	1,170	2,106	57	18,532	.....	.....
10	Georgia	194	43,685	32,886	6,350	6,750	19,786	10,799	20,689	486	133,402	.....	.....
11	Illinois	1,051	1,062,634	550,078	245,400	208,160	96,518	512,556	200,942	3,790	1,330,908	41	31,761
12	Indiana	434	171,874	110,417	31,700	42,325	36,392	61,457	44,181	1,636	408,520	2	2,780
13	Iowa	213	107,014	69,115	19,310	31,930	17,875	37,899	23,075	723	173,901	3	1,430
14	Kansas	134	97,449	57,242	19,800	27,950	9,492	40,207	19,825	444	123,255	6	4,625
15	Kentucky	441	334,925	160,640	58,500	67,600	34,540	174,285	64,151	1,921	560,539	15	11,652
16	Louisiana	70	76,531	61,490	30,850	23,700	6,940	15,041	16,323	305	86,152	3	884
17	Maine	139	71,004	37,987	4,450	12,465	21,072	33,017	16,351	602	166,221	9	4,896
18	Maryland	212	210,031	84,004	24,036	44,385	15,583	126,027	25,592	870	251,106	9	10,260
19	Massachusetts	2,569	1,006,832	321,243	28,447	39,360	253,436	685,589	432,512	8,752	3,011,934	86	63,341
20	Michigan	424	251,507	84,218	20,525	24,000	39,693	167,289	55,144	1,792	473,853	13	11,940
21	Minnesota	776	308,889	182,778	60,050	55,860	65,968	126,111	89,000	2,369	762,388	17	16,696

STATES AND TERRITORIES: 1890—Continued.

75.—CLOTHING, MEN'S, FACTORY PRODUCT.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
857	$385,338	34,422	$19,069,096	24,120	$6,725,114	486	$69,059	33,364	$14,223,197	51,501	$10,909,744	1,033	$79,627	$128,846,857	$251,019,609	1
.....	.....	13	5,760	41	9,600	.....	.....	25	4,800	75	5,200	15	1,800	136,875	193,800	2
1	780	224	119,752	56	20,436	.....	.....	463	226,615	534	144,656	.....	.....	1,407,404	2,568,921	3
2	988	2	300	14	1,512	.....	.....	3	2,184	11	4,480	.....	.....	6,107	20,280	4
1	300	51	19,714	46	7,315	4	395	12	5,620	227	46,904	.....	.....	193,325	352,461	5
25	11,714	10,945	4,236,499	2,064	556,358	21	3,220	1,367	695,356	1,554	391,854	53	9,312	18,199,308	33,626,441	6
6	2,850	113	59,813	227	64,124	13	3,010	117	30,585	1,402	290,376	2	200	1,611,258	2,570,179	7
2	1,120	66	32,474	125	18,872	1	125	1	750	360	80,720	.....	.....	439,292	734,245	8
5	1,850	27	12,840	62	10,560	.....	.....	3	2,012	212	46,530	.....	.....	97,448	215,864	9
121	59,493	194	91,020	754	167,101	41	3,702	130	77,185	1,423	271,400	70	8,780	1,198,776	2,518,540	10
13	5,080	101	65,914	482	122,931	4	1,352	1,152	130,680	1,794	178,558	50	7,800	1,290,137	2,174,747	11
5	2,205	281	123,288	541	141,579	1	130	404	70,167	4,101	312,617	653	20,087	852,635	1,989,183	12
17	5,885	2,097	1,218,798	2,180	586,262	34	3,498	4,036	1,158,570	4,343	798,488	10	1,054	8,123,073	15,032,924	13
50	26,317	1,597	1,070,830	1,704	583,462	2	415	802	456,971	3,178	763,202	.....	.....	11,865,905	21,242,647	14
1	700	86	60,706	148	29,484	.....	.....	144	45,324	223	49,945	.....	.....	1,138,111	1,862,829	15
.....	.....	78	53,352	366	125,548	7	1,100	.....	.....	478	122,103	.....	.....	815,121	1,346,316	16
13	6,966	930	491,910	1,180	332,480	81	7,224	667	252,476	3,253	688,397	2	312	4,566,017	8,113,852	17
2	1,040	29	14,780	151	42,940	13	1,586	.....	.....	45	11,700	.....	.....	178,491	348,100	18
2	747	66	34,896	176	41,587	.....	.....	4	1,886	433	63,142	.....	.....	421,500	654,712	19
3	1,075	641	357,864	925	269,233	18	2,032	262	112,291	694	183,630	2	225	1,154,501	3,210,353	20
251	108,767	12,734	8,274,926	8,367	2,431,753	96	14,142	16,076	8,894,166	16,748	4,475,394	89	9,815	45,898,538	96,880,957	21
.....	.....	7	2,000	36	8,700	.....	.....	.....	.....	6	1,000	.....	.....	42,500	72,000	22
261	115,752	1,290	871,865	2,223	511,595	28	3,940	5,400	1,101,804	6,236	1,062,064	33	10,470	9,936,196	20,604,134	23
.....	.....	40	31,040	.....	.....	.....	.....	25	12,000	.....	.....	.....	.....	299,540	462,970	24
62	24,749	2,220	1,451,511	1,531	449,952	116	22,056	1,574	761,246	2,180	603,980	54	9,772	14,780,351	26,732,348	25
3	1,420	223	124,853	231	70,722	.....	.....	9	3,000	.....	.....	.....	.....	1,132,503	2,234,940	26
1	474	4	2,720	25	3,800	.....	.....	5	3,000	66	17,650	.....	.....	106,700	185,200	27
1	300	26	15,009	97	28,145	.....	.....	3	300	143	25,215	.....	.....	303,300	488,712	28
.....	.....	7	4,260	20	5,740	.....	.....	162	29,000	50	8,000	.....	.....	167,500	299,336	29
4	1,505	22	9,213	44	5,175	.....	.....	.....	.....	35	5,000	.....	.....	53,123	101,959	30
5	3,261	237	150,704	291	71,130	.....	.....	478	116,791	1,656	244,367	.....	.....	2,317,771	3,909,726	31
.....	.....	71	60,480	13	7,018	6	1,132	40	28,418	41	7,172	.....	.....	113,551	270,933	32

76.—CLOTHING, MEN'S, FACTORY PRODUCT, BUTTONHOLES.

21	10,377	307	139,174	412	111,141	16	2,349	165	62,599	265	77,559	.....	.....	84,167	784,055	1
.....	.....	7	2,860	4	832	.....	.....	.....	.....	.....	.....	.....	.....	737	8,220	2
1	416	15	6,781	5	1,436	.....	.....	9	3,418	14	4,781	.....	.....	3,265	31,625	3
.....	.....	2	546	5	1,144	.....	.....	2	832	3	1,500	.....	.....	50	8,000	4
16	8,560	209	96,392	301	81,434	7	968	127	47,425	166	39,959	.....	.....	55,122	543,626	5
3	985	9	887	32	7,051	4	550	2	400	3	700	.....	.....	2,613	27,635	6
1	416	55	27,567	60	17,892	5	831	24	9,974	70	28,299	.....	.....	20,076	142,104	7
.....	.....	10	4,141	5	1,352	.....	.....	1	550	9	2,320	.....	.....	2,304	22,845	8

77.—CLOTHING, WOMEN'S, DRESSMAKING.

18,276	8,646,606	768	477,725	45,238	11,985,221	360	42,833	288	138,713	1,926	497,141	33	4,101	23,393,829	57,071,732	1
61	26,490	.....	.....	330	97,391	.....	.....	2	100	9	2,066	.....	.....	230,375	465,305	2
27	15,704	3	2,640	100	29,446	.....	.....	.....	.....	.....	.....	.....	.....	83,215	153,671	3
435	282,994	22	8,252	1,677	597,631	7	1,331	2	2,400	37	8,174	.....	.....	1,130,837	2,547,235	4
18	14,782	5	4,940	132	64,172	2	208	.....	.....	.....	.....	.....	.....	109,675	257,740	5
247	108,774	3	1,180	1,146	313,999	2	300	5	2,148	10	924	1	156	423,027	1,092,779	6
62	31,879	.....	.....	110	19,784	.....	.....	.....	.....	.....	.....	.....	.....	15,927	82,758	7
114	54,586	24	12,730	488	138,292	1	108	.....	.....	7	725	.....	.....	138,072	478,132	8
32	13,577	.....	.....	23	4,725	1	180	.....	.....	1	50	.....	.....	41,106	64,939	9
177	67,509	.....	.....	281	61,924	1	104	.....	.....	27	3,865	.....	.....	412,101	609,003	10
1,020	500,440	68	43,825	2,455	674,071	14	2,011	10	3,248	182	75,552	.....	.....	2,224,364	4,393,026	11
416	177,460	5	1,960	1,135	216,271	4	392	.....	.....	74	9,657	.....	.....	400,330	980,700	12
188	71,041	1	500	518	99,109	4	146	.....	.....	9	1,675	.....	.....	246,089	529,854	13
93	42,127	.....	.....	290	69,895	1	104	.....	.....	54	6,504	.....	.....	150,207	371,376	14
407	198,973	1	1,040	1,396	318,687	21	2,727	.....	.....	81	27,460	.....	.....	520,191	1,349,789	15
77	37,756	.....	.....	212	45,808	7	560	.....	.....	6	1,144	.....	.....	61,700	215,624	16
121	51,966	1	200	466	108,488	.....	.....	.....	.....	5	671	.....	.....	190,090	420,927	17
210	87,061	3	1,175	555	129,748	3	380	2	200	78	21,032	10	1,250	319,125	706,418	18
2,270	1,046,773	67	46,393	5,992	1,773,154	19	2,285	17	4,818	294	75,170	.....	.....	2,088,442	6,517,041	19
364	156,520	9	4,114	1,394	299,002	1	52	1	150	10	2,075	.....	.....	619,904	1,320,171	20
812	363,989	5	1,668	1,531	379,261	.....	.....	.....	.....	4	775	.....	.....	1,345,924	2,458,655	21

TABLE 5.—SPECIFIED INDUSTRIES, BY

77.—CLOTHING, WOMEN'S, DRESSMAKING—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
22	Mississippi	10	$2,640	$1,635	$100	$500	$1,035	$1,005	$2,040	40	$14,586	.....	.....
23	Missouri	756	368,286	229,452	71,840	99,550	58,062	138,834	130,282	2,680	850,895	13	$12,150
24	Nebraska	101	70,747	47,391	27,325	11,525	8,541	23,356	18,782	364	124,485	2	1,770
25	Nevada	6	2,235	1,660	250	1,000	410	575	545	12	3,727	.....	.....
26	New Hampshire	279	75,397	44,630	6,000	15,150	23,480	30,767	27,104	849	253,182	.....	.....
27	New Jersey	354	184,601	108,295	34,100	41,000	33,195	76,306	47,710	1,127	350,717	7	4,215
28	New York	4,883	4,844,080	2,568,747	1,173,256	865,196	530,295	2,275,333	1,050,200	17,031	5,663,108	325	272,856
29	North Carolina	69	32,138	23,405	5,850	12,000	5,555	8,733	5,744	227	43,719	.....	.....
30	North Dakota	6	1,815	1,065	250	400	415	750	1,130	29	7,329	1	585
31	Ohio	2,218	943,341	546,987	157,020	228,795	161,172	396,354	263,200	6,025	1,791,356	22	20,210
32	Oregon	8	37,025	2,500	.....	.....	2,500	34,525	7,215	133	53,954	1	1,300
33	Pennsylvania	1,074	727,526	361,304	104,375	156,400	100,529	366,222	149,127	3,690	1,074,837	36	25,949
34	Rhode Island	493	153,485	73,971	12,150	16,450	45,371	79,514	55,214	1,388	455,252	1	450
35	South Carolina	132	55,884	43,628	13,875	20,650	9,103	12,256	16,302	318	68,186	.....	.....
36	Tennessee	124	105,939	48,535	17,250	19,205	12,080	57,404	17,201	543	150,363	3	750
37	Texas	152	132,190	71,772	27,950	24,950	18,872	60,418	30,250	628	236,251	1	1,700
38	Utah	35	30,643	14,750	7,700	4,350	2,700	15,893	3,904	93	25,585	.....	.....
39	Vermont	51	18,158	10,691	1,650	4,200	4,841	7,467	5,221	199	52,021	.....	.....
40	Virginia	191	110,158	70,012	23,560	33,500	12,952	40,146	20,976	592	128,893	9	4,159
41	Washington	28	24,635	11,750	2,700	2,100	6,950	12,885	9,058	155	67,624	.....	.....
42	West Virginia	85	25,539	15,583	5,100	4,540	5,943	9,956	6,924	192	54,997	.....	.....
43	Wisconsin	567	265,373	143,264	49,615	48,685	44,964	122,109	59,559	1,680	449,813	11	6,718
44	Wyoming	21	20,370	9,050	3,000	4,100	1,950	11,320	2,967	58	17,979	.....	.....
45	All other states (a)	3	7,650	7,525	1,000	4,000	2,525	125	1,075	36	20,940	.....	.....

a Includes establishments distributed as follows: Montana, 2; South Dakota, 1.

78.—CLOTHING, WOMEN'S, FACTORY PRODUCT.

1	The United States	1,224	21,259,528	2,900,778	554,050	617,500	1,729,228	18,358,750	3,620,042	42,008	18,812,787	2,459	3,146,543
2	California	78	645,395	34,135	2,500	2,000	29,635	611,260	79,081	1,218	480,773	150	108,173
3	Colorado	4	235,064	10,000	.....	.....	10,000	225,064	41,051	350	169,966	1	1,820
4	Connecticut	3	53,646	3,300	.....	.....	3,300	50,346	6,802	265	103,580	4	7,500
5	Illinois	71	2,793,112	315,707	105,500	103,500	106,707	2,477,405	600,030	2,673	1,181,478	124	139,383
6	Indiana	3	18,360	4,260	500	700	3,060	14,100	1,188	56	13,944	3	1,500
7	Kentucky	14	110,077	4,195	900	1,000	2,295	105,882	6,342	246	125,489	1	1,500
8	Louisiana	12	36,420	9,570	3,000	3,000	3,570	26,850	5,940	336	43,288	3	3,024
9	Maine	3	23,286	5,057	.....	.....	5,057	18,229	2,092	66	20,773	3	4,324
10	Maryland	21	478,700	16,980	300	300	16,380	461,720	44,187	605	205,578	22	23,470
11	Massachusetts	44	592,161	67,536	.....	.....	67,536	524,625	112,078	1,478	553,551	110	88,442
12	Michigan	5	187,399	20,006	1,500	1,500	17,006	167,393	51,203	323	75,340	8	9,610
13	Missouri	11	300,520	41,540	600	22,700	18,240	258,980	18,189	499	151,945	36	40,470
14	New Jersey	21	254,650	57,675	750	4,100	52,825	196,975	21,518	672	200,035	25	26,664
15	New York	805	11,381,635	1,602,209	194,800	239,900	1,167,509	9,779,426	2,225,473	26,694	13,354,437	1,753	2,426,397
16	Ohio	31	2,056,455	389,605	167,300	170,500	51,805	1,666,850	119,790	2,636	1,042,307	78	125,012
17	Oregon	3	74,400	1,900	.....	.....	1,900	72,500	6,223	81	41,960	5	5,300
18	Pennsylvania	80	1,819,002	274,218	56,100	54,900	153,218	1,544,784	249,188	3,149	905,728	117	119,694
19	Rhode Island	4	2,900	1,800	.....	.....	1,800	1,100	733	17	5,276	.....	.....
20	Virginia	3	13,875	3,250	500	1,600	1,150	10,625	1,485	24	6,788	4	2,300
21	Wisconsin	4	140,095	29,675	8,000	10,000	11,675	110,420	12,748	460	76,709	7	7,760
22	All other states (a)	4	41,776	8,160	1,800	1,800	4,560	33,616	13,641	160	51,942	5	4,200

a Includes establishments distributed as follows: Iowa, 1; Minnesota, 2; New Hampshire, 1.

79.—COFFEE AND SPICE, ROASTING AND GRINDING.

1	The United States	358	16,996,009	3,445,002	678,339	848,041	1,918,622	13,551,007	1,229,926	5,122	3,263,019	1,314	1,428,357
2	California	22	1,440,178	133,700	14,000	11,000	108,700	1,306,478	99,287	318	237,066	84	117,659
3	Connecticut	3	147,000	10,000	.....	.....	10,000	137,000	7,285	33	26,706	15	14,540
4	Illinois	18	1,920,933	335,100	34,000	152,000	149,100	1,585,833	190,265	510	307,373	150	144,057
5	Indiana	12	485,235	194,896	33,500	79,000	82,396	290,339	16,825	124	75,794	41	42,920
6	Iowa	8	266,154	55,520	19,946	10,474	25,100	210,634	35,648	62	45,574	26	28,710
7	Kentucky	6	146,400	47,200	5,000	11,000	31,200	99,200	7,680	43	29,500	8	8,120
8	Louisiana	7	60,585	27,100	4,500	4,000	18,600	33,485	6,127	31	12,571	14	6,720
9	Maryland	14	361,119	83,475	11,000	21,200	51,275	277,644	18,819	138	76,055	38	37,244
10	Massachusetts	23	1,403,154	158,300	5,000	11,000	142,300	1,244,854	107,344	254	174,076	52	58,037
11	Michigan	5	67,821	17,403	2,200	2,200	13,003	50,418	2,854	36	21,723	13	9,830
12	Minnesota	9	168,914	23,614	.....	800	22,814	145,300	14,601	80	53,644	30	27,428
13	Missouri	15	1,089,088	146,000	14,000	6,000	126,000	943,088	82,406	344	219,113	83	101,094
14	New Jersey	4	416,665	71,500	15,700	29,000	26,800	345,165	8,135	57	46,307	24	32,414
15	New York	70	4,882,987	1,081,727	274,733	273,017	533,977	3,801,260	326,986	1,064	1,105,392	396	460,383

STATES AND TERRITORIES: 1890—Continued.

77.—CLOTHING, WOMEN'S, DRESSMAKING—Continued

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
4	$2,486			36	$12,100									$12,031	$34,244	22
710	321,812	41	$30,113	1,768	437,635	31	$3,209	3	$400	110	$45,126	4	$450	848,548	2,165,239	23
98	47,902	1	300	249	73,566	1	100			13	847			75,998	244,620	24
5	2,335			7	1,392									638	5,968	25
249	107,516			585	143,547					15	2,119			247,066	608,892	26
312	143,573	7	4,700	717	188,560	76	8,749			8	920			396,213	913,394	27
4,833	2,576,782	431	274,722	11,324	3,297,217	59	7,228	162	101,568	496	138,635	1	100	5,051,191	14,656,636	28
38	13,771			180	28,853	3	210			6	885			27,501	103,087	29
4	1,326	1	250	23	5,168									4,858	15,517	30
2,161	954,264	19	10,878	3,641	767,489	46	5,173	60	15,300	76	18,042			1,891,403	4,686,916	31
10	9,154	2	1,500	120	42,000									98,629	178,750	32
940	382,870	31	14,751	2,501	613,538	35	3,998	18	7,373	123	24,858	6	1,500	1,013,472	2,672,826	33
472	216,754	6	3,618	872	229,902			2	200	35	4,328			736,844	1,366,678	34
114	38,253			155	26,391	3	140			43	3,282	3	120	25,270	141,062	35
121	46,504			412	101,931	1	78	3	600	2	200	1	300	203,650	446,204	36
136	81,566	7	3,936	456	140,168	7	1,006			21	7,875			310,642	704,461	37
27	7,636			66	17,949									47,215	90,746	38
41	18,377			154	34,063	1	25			3	156			20,329	93,094	39
184	61,423	5	2,340	334	52,618			1	208	59	8,145			111,111	318,196	40
13	9,380			139	57,644					3	600			70,015	199,656	41
77	33,818			115	21,179									159,889	242,785	42
565	218,551			1,065	219,586	9	2,029			23	2,704	7	225	1,195,561	2,000,294	43
7	2,752			49	14,327					2	900			93,304	141,424	44
4	3,400			32	17,540									1,750	31,900	45

78.—CLOTHING, WOMEN'S, FACTORY PRODUCT.

400	237,972	7,361	4,568,764	13,788	4,819,012	213	31,898	5,602	2,818,191	12,125	3,175,191	60	15,216	84,277,219	68,164,019	1
31	17,698	236	101,406	416	147,028	9	2,176	20	8,344	356	95,948			952,751	1,751,433	2
7	6,500	2	4,080	340	157,566									260,162	642,760	3
		28	20,600	26	10,600			6	2,880	201	62,000			129,374	262,800	4
36	28,422	529	324,338	1,539	511,232	2	304	157	83,968	286	93,831			3,257,712	6,422,431	5
2	504	3	2,944	9	1,300	4	416			35	7,280			15,157	34,666	6
14	7,191	13	10,088	212	106,164	6	546							151,000	305,850	7
		4	1,500	12	1,500			10	2,080	307	35,184			120,246	198,978	8
		2	1,436	12	3,900					49	11,113			28,029	55,237	9
8	1,752	45	34,478	139	35,478	3	500	53	25,760	335	84,140			447,026	870,681	10
43	28,902	94	46,890	513	182,685	2	256	68	22,620	644	182,266	4	1,460	924,463	1,863,517	11
3	1,900	15	9,040	19	4,280			260	46,660	18	3,850			167,583	323,661	12
8	5,056	27	14,405	128	47,202	4	512			296	44,300			298,852	541,894	13
4	2,400	46	23,815	386	103,046	1	50	20	4,160	190	40,800			397,681	718,647	14
177	105,843	5,431	3,484,325	8,629	3,020,648	46	6,974	4,427	2,419,621	6,175	1,876,813	56	13,816	22,063,350	45,087,394	15
12	6,124	614	328,571	716	245,988	10	1,000	136	79,800	1,070	255,812			2,282,025	4,352,098	16
6	4,200	5	3,960	45	22,500	10	2,500	10	3,500					84,175	149,220	17
43	19,940	237	140,612	590	200,635	116	16,664	335	92,798	1,711	315,385			2,281,471	3,903,596	18
		1	936	9	3,040					7	2,300			17,164	34,200	19
4	840			16	3,648									28,381	46,900	20
		20	10,380	13	4,400			100	26,000	320	28,169			254,510	410,630	21
2	610	9	4,960	19	6,172					125	36,000			116,107	187,426	22

79.—COFFEE AND SPICE, ROASTING AND GRINDING.

42	19,028	2,614	1,490,026	553	149,959	74	12,949	137	48,767	388	113,933			65,961,465	75,042,010	1
4	2,180	171	100,317	52	14,830	6	1,080	1	1,000					2,183,127	2,786,521	2
		16	11,541	2	625									182,530	230,870	3
2	980	265	140,019	32	7,459	8	1,726	20	5,200	33	7,332			8,320,128	9,367,983	4
2	600	50	25,868	28	6,806					3	600			1,337,690	1,523,010	5
2	600	28	15,380			2	284	4	600					624,088	731,724	6
2	1,812	32	19,386			1	182							979,539	1,060,316	7
		17	5,851											147,329	177,320	8
		68	33,453	19	3,266			1	364	12	1,728			1,571,159	1,789,790	9
2	968	164	102,433	33	11,772	1	416	1	300	1	150			3,020,332	3,568,259	10
1	312	18	10,765	3	660	1	156							101,969	140,266	11
		39	23,436	11	2,780									516,769	627,283	12
9	3,868	201	100,883	33	7,302	8	1,506	10	3,860					3,290,476	3,892,792	13
		26	12,003	7	1,800									435,998	546,880	14
8	4,028	772	500,198	127	30,997	10	1,586	82	27,630	269	80,570			28,338,042	31,013,213	15

TABLE 5.—SPECIFIED INDUSTRIES, BY

79.—COFFEE AND SPICE, ROASTING AND GRINDING.—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.					Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.			Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.				Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
16	Ohio	32	$1,417,728	$225,396	$41,460	$42,850	$141,086	$1,192,332	$77,913	608	$333,209	116	$120,312
17	Pennsylvania	69	1,617,632	518,196	126,100	114,700	277,396	1,099,436	97,577	475	289,044	123	114,548
18	Rhode Island	4	58,600	27,400	5,000	5,000	17,400	31,200	3,584	30	21,255	14	12,525
19	Tennessee	3	53,075	7,000	----------	----------	7,000	46,075	9,880	25	15,743	5	4,180
20	Texas	5	90,905	54,555	12,000	3,000	39,555	36,350	27,660	69	34,179	17	16,940
21	West Virginia	4	51,886	9,760	----------	----------	9,760	42,126	7,196	15	8,795	3	2,650
22	Wisconsin	7	396,522	95,710	18,000	32,000	45,710	300,812	36,101	84	50,071	20	24,080
23	All other states and territories. (a)	18	453,428	121,450	42,200	39,800	39,450	331,978	45,723	122	78,829	42	42,766

a Includes establishments distribnted as follows: Delaware, 2; District of Colnmbia, 2; Florida, 1; Georgia, 2; Kansas, 1; Maine, 2; Nebraska, 1; Nevada, 1; Oregon, 2; Vermont, 1; Virginia, 2; Washington, 1.

80.—COFFINS AND BURIAL CASES, TRIMMING AND FINISHING.

1	The United States...	1,368	6,016,385	2,839,798	1,016,323	1,124,190	699,285	3,176,587	443,832	3,234	1,999,153	1,378	1,036,474
2	Alabama	10	16,390	4,625	800	1,400	2,425	11,765	2,038	16	8,990	6	3,846
3	Arkansas	6	11,195	1,725	----------	----------	1,725	9,470	3,405	12	7,468	6	4,024
4	California	9	89,595	23,110	15,900	3,500	3,710	66,485	12,286	28	29,356	10	13,200
5	Connecticut	48	308,487	121,490	43,200	43,600	34,690	186,997	25,963	125	79,745	39	26,045
6	Delawsre	13	70,246	40,050	10,850	23,700	5,500	30,196	4,283	22	12,071	12	7,213
7	District of Columbia	25	162,125	70,615	35,600	17,800	17,215	91,510	14,816	86	57,092	27	19,805
8	Florida	3	3,285	1,625	----------	----------	1,625	1,660	1,302	10	7,174	3	3,174
9	Georgia	17	62,005	25,550	18,400	5,700	1,450	36,455	4,266	44	23,104	18	10,919
10	Illinois	88	396,720	225,353	96,735	99,830	28,788	171,367	25,616	173	106,163	91	65,087
11	Indiana	39	90,222	23,785	7,235	10,050	6,500	66,437	5,710	59	36,405	41	27,903
12	Iowa	5	42,525	19,865	13,010	6,030	825	22,660	1,311	11	5,673	7	3,973
13	Kentucky	37	121,594	52,385	18,795	24,380	9,210	69,209	5,508	94	42,314	37	20,762
14	Louisiana	12	46,295	23,765	11,500	10,600	1,665	22,530	2,632	30	16,348	13	9,612
15	Maine	37	128,505	42,800	14,030	16,600	12,170	85,705	6,272	67	35,498	32	19,594
16	Maryland	90	246,337	120,640	26,995	48,710	44,935	125,697	20,205	185	98,413	85	59,724
17	Massachusetts	87	365,768	111,037	32,500	33,500	45,037	254,731	33,830	256	154,049	92	60,916
18	Michigan	13	52,527	26,107	6,325	15,700	4,082	26,420	3,241	25	11,741	11	6,490
19	Minnesota	3	5,150	3,600	1,400	1,900	300	1,550	107	6	3,256	3	1,508
20	Mississippi	5	5,830	3,250	1,125	1,700	425	2,580	563	9	3,920	6	2,288
21	Missouri	37	202,963	110,710	54,050	48,320	8,340	92,253	13,602	101	60,950	35	24,460
22	Nebraska	3	4,400	375	----------	----------	375	4,025	595	5	2,040	3	1,940
23	New Hampshire	7	17,189	5,702	350	1,900	3,452	11,487	1,221	15	7,956	7	3,710
24	New Jersey	19	148,045	105,895	36,050	50,850	18,995	42,150	5,498	66	49,211	22	21,330
25	New York	314	1,328,060	603,457	173,265	201,735	228,457	724,603	137,406	808	593,062	354	345,595
26	North Carolina	17	19,960	12,920	3,510	7,675	1,735	7,040	1,331	28	9,358	9	3,350
27	Ohio	80	332,665	205,265	91,485	76,975	36,805	127,400	23,179	156	94,086	83	54,637
28	Oregon	6	55,375	8,525	200	300	8,025	46,850	7,073	15	12,512	9	7,512
29	Pennsylvania	175	1,190,502	616,238	225,845	263,125	127,268	574,264	52,595	462	285,543	176	129,893
30	Rhode Island	21	86,200	30,828	12,300	8,400	10,128	55,372	10,313	52	30,021	23	16,285
31	South Carolina	7	21,215	15,855	6,900	7,900	1,055	5,360	1,001	15	5,748	5	2,624
32	Tennessee	35	62,659	17,908	3,683	8,820	5,405	44,751	4,006	62	23,799	30	13,988
33	Texas	15	86,270	36,825	9,600	25,350	1,875	49,445	3,164	27	22,971	14	13,478
34	Vermont	6	10,525	5,400	600	3,200	1,600	5,125	345	8	3,434	2	1,224
35	Virginia	52	137,022	84,554	35,670	39,515	9,369	52,468	4,853	101	36,293	46	21,044
36	West Virginia	9	9,855	4,495	690	2,125	1,680	5,360	268	10	2,751	9	2,651
37	Wisconsin	14	66,920	27,369	3,425	12,000	11,944	39,560	3,395	39	18,538	9	5,570
38	All other states and territories. (a)	4	11,750	6,100	4,300	1,300	500	5,650	633	5	2,100	3	1,100

a Includes establishments distributed as follows: Nevada, 2; North Dakota, 1; Utah, 1.

81.—COFFINS, BURIAL CASES, AND UNDERTAKERS' GOODS.

1	The United States...	194	11,097,736	4,019,471	1,200,706	1,640,590	1,178,175	7,078,265	822,312	6,424	3,555,256	647	698,516
2	Alabama	3	2,425	60	----------	----------	60	2,365	324	6	2,580	2	1,170
3	Connecticut	4	305,177	61,673	----------	----------	61,673	243,504	38,378	180	93,862	12	15,780
4	Georgia	3	295,250	69,850	32,050	20,300	17,500	225,400	20,789	133	61,387	12	11,342
5	Illinois	12	1,100,550	423,400	105,000	204,000	114,400	677,150	84,672	520	290,053	49	56,806
6	Indiana	8	807,144	270,260	62,149	136,000	72,111	536,884	56,677	387	199,796	42	36,570
7	Iowa	3	127,130	46,830	10,100	26,180	10,550	80,300	10,637	109	49,358	9	11,450
8	Kentucky	6	120,915	48,425	11,350	27,000	10,075	72,490	10,804	109	49,415	17	12,894
9	Maine	4	25,334	1,920	20	1,200	700	23,414	2,395	25	12,733	4	2,952
10	Maryland	9	80,384	18,800	2,100	4,500	12,200	61,584	14,131	86	41,587	23	13,632
11	Massachusetts	14	417,509	158,825	18,900	96,300	45,625	258,684	19,558	357	207,838	34	32,522

STATES AND TERRITORIES: 1890—Continued.

79.—COFFEE AND SPICE, ROASTING AND GRINDING—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
4	$1,664	350	$171,858	63	$15,470	16	$2,840	6	$3,145	53	$17,920	.....	.....	$6,540,452	$7,806,763	16
3	1,100	222	127,316	100	35,040	4	690	10	5,708	13	4,633	.....	.....	5,662,194	6,442,595	17
.....	.....	12	7,194	4	1,536	.....	.....	.....	.....	.....	.....	.....	.....	157,607	201,812	18
.....	.....	20	11,563	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57,650	87,359	19
.....	.....	34	15,018	6	921	12	1,300	.....	.....	.....	.....	.....	.....	274,294	343,807	20
.....	.....	5	3,685	1	500	.....	.....	2	960	4	1,000	.....	.....	476,001	515,685	21
.....	.....	49	23,491	13	1,950	2	550	.....	.....	.....	.....	.....	.....	737,208	936,025	22
3	916	55	28,278	19	6,245	3	624	.....	.....	.....	.....	.....	.....	1,006,883	1,251,737	23

80.—COFFINS AND BURIAL CASES, TRIMMING AND FINISHING.

30	16,238	1,668	902,818	31	8,528	4	670	110	32,111	11	2,171	2	$143	3,656,859	7,783,140	1
.....	.....	10	5,144	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,390	22,315	2
.....	.....	6	3,444	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,019	30,040	3
.....	.....	17	16,006	.....	.....	.....	.....	1	150	.....	.....	.....	.....	54,260	118,989	4
1	572	80	59,128	.....	.....	.....	.....	5	3,000	.....	.....	.....	.....	142,074	313,143	5
.....	.....	9	4,258	.....	.....	.....	.....	1	600	.....	.....	.....	.....	21,100	43,105	6
.....	.....	57	36,902	1	260	.....	.....	1	125	.....	.....	.....	.....	156,623	297,947	7
.....	.....	6	3,250	.....	.....	.....	.....	1	750	.....	.....	.....	.....	8,725	22,275	8
1	1,040	23	10,261	.....	.....	.....	.....	2	884	.....	.....	.....	.....	58,373	115,024	9
3	1,420	78	39,576	.....	.....	.....	.....	1	80	.....	.....	.....	.....	239,758	475,606	10
.....	.....	18	8,502	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	115,449	180,598	11
.....	.....	4	1,700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,265	24,248	12
.....	.....	41	19,402	.....	.....	.....	.....	16	2,150	.....	.....	.....	.....	94,673	170,876	13
1	780	13	5,288	1	260	.....	.....	1	360	.....	.....	1	48	38,122	79,430	14
.....	.....	29	15,048	1	156	.....	.....	5	700	.....	.....	.....	.....	58,497	127,193	15
.....	.....	94	37,048	1	260	.....	.....	5	481	.....	.....	.....	.....	177,619	408,519	16
7	3,672	150	87,360	5	1,776	.....	.....	1	250	1	75	.....	.....	307,513	640,019	17
.....	.....	14	5,251	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,957	34,212	18
.....	.....	3	1,748	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,149	7,650	19
.....	.....	3	1,632	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,943	8,100	20
1	600	65	35,890	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	119,905	251,117	21
.....	.....	2	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,182	10,050	22
.....	.....	6	3,830	2	416	.....	.....	.....	.....	.....	.....	.....	.....	12,530	24,750	23
.....	.....	44	27,881	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65,384	147,716	24
11	5,554	408	232,924	6	1,332	1	260	27	7,197	1	200	.....	.....	942,168	2,096,981	25
.....	.....	13	4,988	.....	.....	.....	.....	4	875	1	50	1	95	12,548	27,239	26
1	300	66	38,087	3	762	.....	.....	2	150	1	150	.....	.....	190,030	392,645	27
.....	.....	6	5,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36,845	68,625	28
2	1,800	247	138,164	8	2,964	3	410	21	10,776	5	1,536	.....	.....	472,140	1,079,071	29
.....	.....	25	13,376	.....	.....	.....	.....	3	300	1	60	.....	.....	71,449	136,622	30
.....	.....	8	2,500	.....	.....	.....	.....	2	624	.....	.....	.....	.....	8,730	20,850	31
1	300	25	8,274	2	312	.....	.....	4	825	1	100	.....	.....	26,492	66,042	32
.....	.....	13	9,493	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	99,798	164,670	33
.....	.....	6	2,210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,214	12,955	34
.....	.....	48	13,485	1	30	.....	.....	6	1,734	.....	.....	.....	.....	25,247	83,304	35
.....	.....	.....	.....	.....	.....	.....	.....	1	100	.....	.....	.....	.....	2,735	6,810	36
.....	.....	30	12,968	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,138	66,254	37
1	200	1	800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,806	8,150	38

81.—COFFINS, BURIAL CASES, AND UNDERTAKERS' GOODS.

26	14,296	4,242	2,241,967	583	194,194	74	14,500	564	304,174	275	85,246	13	2,363	5,547,082	12,230,554	1
.....	.....	4	1,410	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,179	8,180	2
4	2,300	72	37,401	14	4,966	.....	.....	54	26,322	21	6,655	3	438	156,668	372,000	3
.....	.....	101	45,365	.....	.....	20	4,680	.....	.....	.....	.....	.....	.....	53,950	177,800	4
2	1,500	311	170,313	80	26,261	23	4,584	54	30,320	1	260	.....	.....	334,014	942,102	5
.....	.....	297	141,157	19	4,229	.....	.....	27	17,362	2	478	.....	.....	234,104	591,700	6
.....	.....	78	28,968	4	900	.....	.....	4	3,000	8	3,990	6	1,050	66,438	149,100	7
1	624	67	24,500	8	2,256	1	141	15	9,000	.....	.....	.....	.....	70,555	165,410	8
.....	.....	11	6,549	1	416	.....	.....	4	2,296	5	520	.....	.....	20,986	76,823	9
.....	.....	55	24,647	.....	.....	3	308	5	3,000	.....	.....	.....	.....	81,723	183,179	10
1	200	251	149,800	45	14,544	.....	.....	6	4,362	20	6,410	.....	.....	233,454	519,816	11

TABLE 5.—SPECIFIED INDUSTRIES, BY

S1.—COFFINS, BURIAL CASES, AND UNDERTAKERS' GOODS—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.			Live assets.			Aggregates.		Officers, firm members, and clerks. Males above 16 years.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.	Number.	Wages.
12	Michigan	11	$679,770	$225,440	$50,600	$83,005	$91,835	$454,330	$76,845	411	$220,202	36	$41,833
13	Minnesota	4	313,275	119,431	33,932	55,823	29,676	193,844	29,914	144	83,022	18	15,890
14	Missouri	6	350,507	47,440	1,890	950	44,600	303,067	27,134	258	118,782	29	30,155
15	New Hampshire	3	16,300	2,350	400	1,000	950	13,950	941	14	6,894	2	2,350
16	New Jersey	4	84,385	17,175	4,500	1,800	10,875	67,210	3,943	71	41,340	6	5,950
17	New York	44	2,540,863	868,514	380,100	286,811	231,603	1,642,349	202,050	1,563	948,443	185	221,936
18	Ohio	15	2,025,393	865,898	252,200	398,701	214,997	1,159,495	95,958	1,099	566,285	77	90,653
19	Pennsylvania	22	948,681	469,164	173,915	187,188	108,061	479,517	61,177	483	269,791	30	31,960
20	Wisconsin	4	113,751	37,152	10,000	16,132	11,020	76,599	5,759	63	35,499	11	9,678
21	All other states and territories. (a)	15	742,993	236,864	53,500	93,700	89,664	506,129	60,220	406	256,389	49	52,993

a Includes establishments distributed as follows: California, 2; Louisiana, 2; Mississippi, 1; Nebraska, 1; Rhode Island, 2; Tennessee, 2; Utah, 1; Vermont, 2; Washington, 2.

S2.—COKE. (See special report on Coke in Part III.)

1	The United States...	218	17,462,729	15,980,284	1,405,342	869,725	13,705,217	1,482,445	394,784	9,150	4,186,264	160	113,332
2	Alabama	19	1,368,238	1,338,792	30,425	44,425	1,254,942	29,446	7,994	1,128	436,948	8	4,805
3	Colorado	7	594,393	561,040	600	20,500	539,940	33,353	1,360	253	166,735	6	5,070
4	Indiana	3	48,930	48,700	1,500	2,500	44,700	230	200	22	8,164	----	----
5	Kansas	6	17,060	17,040	600	75	16,365	920	565	19	5,845	----	----
6	Kentucky	5	80,670	77,120	1,100	8,700	67,320	3,550	436	28	11,270	2	500
7	Missouri	3	5,275	5,275	----	----	5,275	----	----	5	1,881	----	----
8	Ohio	13	320,215	306,846	14,800	194,516	157,530	13,369	6,441	143	65,388	3	1,664
9	Pennsylvania	98	12,000,820	10,962,717	1,068,372	502,962	9,331,383	1,038,103	256,263	5,954	2,976,692	98	73,500
10	Tennessee	8	541,350	493,350	6,800	6,500	480,050	48,000	41,862	256	93,385	----	----
11	West Virginia	45	1,716,837	1,592,526	213,345	70,097	1,309,084	124,311	53,310	1,074	310,268	40	25,893
12	All other states and territories. (a)	11	768,041	576,878	58,800	19,450	498,628	191,163	26,263	277	109,679	3	1,900

a Includes establishments distributed as follows: Georgia, 1; Illinois, 2; Indian territory, 1; Montana, 2; Utah, 1; Virginia, 2; Washington, 1; Wisconsin, 1.

S3.—COLLARS AND CUFFS, PAPER.

1	The United States (a) ...	3	237,764	105,110	33,902	16,951	54,257	132,654	7,627	91	48,637	8	12,992

a Includes establishments distributed as follows: Massachusetts, 1; New York, 1; Rhode Island, 1.

S4.—COMBS.

1	The United States...	31	742,200	406,437	100,575	116,747	189,115	335,763	61,133	807	433,036	65	68,321
2	Massachusetts	18	324,218	131,337	19,075	45,747	66,515	192,881	40,803	401	196,650	39	33,795
3	New York	4	291,782	200,000	62,500	60,000	77,500	91,782	13,565	267	176,656	13	23,580
4	Pennsylvania	6	94,950	50,400	17,000	8,000	34,400	35,550	5,942	96	42,940	9	8,126
5	All other states (a)	3	31,250	15,700	2,000	3,000	10,700	15,550	823	43	16,790	4	2,820

a Includes establishments distributed as follows: Connecticut, 1; New Jersey, 1; Ohio, 1.

S5.—CONFECTIONERY.

1	The United States...	2,921	23,326,799	11,048,779	2,867,625	3,334,166	4,846,988	12,278,020	3,362,708	27,211	11,633,448	4,226	3,409,377
2	Alabama	16	56,616	9,231	1,700	2,700	4,831	47,385	6,085	60	23,453	19	9,970
3	Arkansas	3	41,195	32,400	13,000	9,500	9,900	8,795	1,379	16	9,584	3	2,224
4	California	84	598,686	201,666	24,375	19,000	158,291	397,020	110,672	712	376,657	118	125,094
5	Colorado	14	140,500	28,275	----	----	28,275	112,225	21,688	185	122,387	32	41,214
6	Connecticut	50	243,765	95,313	18,700	21,560	55,113	148,452	42,754	293	132,647	62	42,239
7	Delaware	21	109,981	85,900	26,500	34,000	25,400	24,081	10,175	86	33,657	15	9,463
8	District of Columbia	57	310,554	180,689	89,100	39,000	52,589	129,865	41,272	340	165,907	74	55,806
9	Florida	3	6,850	2,700	1,000	100	1,600	4,150	2,429	18	8,000	6	3,380
10	Georgia	15	88,460	18,875	1,000	2,000	15,875	69,585	11,732	106	45,593	25	20,281
11	Illinois	88	1,096,413	781,676	314,975	189,190	277,511	914,737	239,255	1,812	760,738	204	190,406
12	Indiana	74	594,899	248,395	65,250	83,500	99,645	346,504	109,560	812	332,902	142	104,162
13	Iowa	32	297,852	115,299	32,500	41,800	40,999	182,553	50,348	291	124,563	51	40,132
14	Kansas	20	74,665	46,055	11,400	15,050	19,605	28,610	7,136	86	43,673	18	15,105
15	Kentucky	76	228,059	92,570	19,725	26,900	45,945	135,489	41,598	424	162,630	80	55,492
16	Louisiana	10	112,414	67,553	28,200	23,500	15,853	44,861	18,091	122	56,970	34	26,754
17	Maine	32	126,015	45,940	12,210	14,000	19,730	80,075	13,088	152	65,179	39	26,520
18	Maryland	110	940,611	543,375	143,600	253,102	146,613	397,236	102,758	886	390,099	130	78,539

STATES AND TERRITORIES: 1890—Continued.

81.—COFFINS, BURIAL CASES, AND UNDERTAKERS' GOODS—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1	$600	323	$163,287	32	$10,052	.....	.....	13	$2,930	6	$1,500	.....	.....	$346,342	$794,527	12
.....	.....	107	59,885	13	4,056	.....	.....	6	3,191	.....	.....	.....	.....	116,231	243,994	13
1	300	169	61,617	17	4,922	.....	.....	37	20,423	5	1,365	.....	.....	172,830	439,684	14
.....	.....	9	3,144	.....	.....	.....	.....	3	1,400	.....	.....	.....	.....	15,887	30,950	15
.....	.....	56	32,946	9	2,444	.....	.....	.....	.....	.....	.....	.....	.....	52,888	129,605	16
8	4,532	1,030	574,571	183	74,184	4	$600	48	29,140	104	43,280	1	$200	1,885,520	3,526,030	17
5	3,140	602	310,494	91	28,076	13	2,760	221	113,640	87	16,847	3	675	887,891	1,896,780	18
3	1,100	373	205,280	29	7,786	3	416	32	19,923	13	3,326	.....	.....	480,403	1,086,935	19
.....	.....	30	19,518	14	2,613	.....	.....	8	3,690	.....	.....	.....	.....	29,966	99,494	20
.....	.....	296	181,115	24	6,489	7	1,011	27	14,166	3	615	.....	.....	306,053	796,431	21

82.—COKE. (See special report on Coke in Part III.)

1	300	4,448	1,901,456	.....	.....	32	4,564	4,494	2,162,662	.....	.....	24	3,950	11,509,737	16,498,345	1
.....	.....	376	138,645	.....	.....	15	2,340	709	287,808	.....	.....	20	3,350	1,810,274	2,474,377	2
.....	.....	138	85,487	.....	.....	.....	.....	109	76,178	.....	.....	.....	.....	408,183	673,479	3
.....	.....	18	6,900	.....	.....	.....	.....	4	1,264	.....	.....	.....	.....	20,133	25,922	4
.....	.....	18	5,695	.....	.....	.....	.....	1	150	.....	.....	.....	.....	9,099	26,593	5
.....	.....	15	6,931	.....	.....	.....	.....	11	3,848	.....	.....	.....	.....	14,155	29,769	6
.....	.....	5	1,881	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,557	5,800	7
.....	.....	94	41,788	.....	.....	.....	.....	46	21,936	.....	.....	.....	.....	125,565	219,560	8
1	300	2,825	1,319,326	.....	.....	3	445	3,027	1,583,121	.....	.....	.....	.....	7,280,566	10,415,628	9
.....	.....	163	57,420	.....	.....	7	1,011	82	34,354	.....	.....	4	600	532,493	726,004	10
.....	.....	659	179,905	.....	.....	7	768	368	103,702	.....	.....	.....	.....	709,576	1,130,762	11
.....	.....	137	57,478	.....	.....	.....	.....	137	50,301	.....	.....	.....	.....	596,136	770,451	12

83.—COLLARS AND CUFFS, PAPER.

1	520	53	28,039	14	3,134	.....	.....	.....	.....	15	3,952	.....	.....	223,077	301,093	1

84.—COMBS.

.....	.....	563	306,710	116	35,665	16	3,016	39	17,995	7	1,134	1	195	344,120	1,020,835	1
.....	.....	284	134,918	44	13,433	4	680	28	13,395	1	234	1	195	181,004	470,077	2
.....	.....	193	133,400	56	18,476	5	1,200	.....	.....	.....	.....	.....	.....	106,448	415,000	3
.....	.....	64	30,022	12	2,556	7	1,136	4	1,000	.....	.....	.....	.....	43,366	108,578	4
.....	.....	22	8,370	4	1,100	.....	.....	7	3,600	6	900	.....	.....	8,302	27,180	5

85.—CONFECTIONERY.

1,261	441,064	11,194	5,330,904	7,704	1,771,681	550	78,328	688	290,849	1,550	306,959	38	4,286	31,116,629	55,997,101	1
4	706	30	9,642	2	225	1	30	4	2,880	.....	.....	.....	.....	69,535	135,572	2
.....	.....	10	6,380	.....	.....	3	980	.....	.....	.....	.....	.....	.....	10,904	31,681	3
54	23,126	300	169,829	214	53,035	13	2,423	6	2,200	7	950	.....	.....	765,558	1,685,212	4
6	3,470	89	61,639	58	16,014	.....	.....	.....	.....	.....	.....	.....	.....	251,729	549,760	5
24	7,082	138	65,406	52	12,514	3	406	6	2,875	8	2,125	.....	.....	284,665	592,360	6
12	2,411	43	18,539	11	2,430	5	814	.....	.....	.....	.....	.....	.....	87,887	157,960	7
41	14,021	185	85,262	41	10,626	.....	.....	8	192	.....	.....	.....	.....	332,269	672,118	8
1	250	7	3,900	.....	.....	4	470	.....	.....	.....	.....	.....	.....	7,850	18,918	9
7	2,222	65	21,146	5	1,044	.....	.....	4	900	.....	.....	.....	.....	168,604	285,104	10
42	16,123	793	375,879	700	162,542	32	4,985	2	1,380	39	9,423	.....	.....	2,729,536	4,438,821	11
21	6,260	305	149,479	187	41,019	26	4,410	15	5,212	112	21,960	4	400	1,035,596	1,807,782	12
2	900	134	65,193	98	15,848	1	150	5	2,340	.....	.....	.....	.....	333,130	648,567	13
2	835	60	25,648	6	2,085	.....	.....	.....	.....	.....	.....	.....	.....	95,875	170,300	14
38	12,279	144	67,812	78	16,503	5	677	2	150	48	7,584	20	2,142	353,130	720,328	15
5	1,340	66	25,546	16	3,130	.....	.....	.....	.....	1	200	.....	.....	139,993	262,853	16
9	2,804	55	25,250	28	4,855	2	400	8	3,620	11	1,721	.....	.....	155,404	297,087	17
19	4,722	396	149,110	250	43,948	29	2,810	35	7,798	21	3,172	.....	.....	1,221,210	1,909,925	18
109	38,615	875	441,415	983	232,686	10	1,047	38	24,358	88	29,160	.....	.....	3,164,741	5,291,844	19
22	5,692	357	137,724	229	48,311	12	1,943	1	260	25	5,410	.....	.....	886,725	1,640,248	20
26	11,111	171	90,012	130	26,954	7	1,268	3	1,456	5	1,500	.....	.....	555,153	988,235	21

TABLE 5.—SPECIFIED INDUSTRIES, BY

85.—CONFECTIONERY—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
22	Mississippi	7	$77,190	$37,400	$6,000	$12,000	$19,400	$39,790	$8,094	78	$31,686	21	$15,106
23	Missouri	75	1,440,173	534,427	108,300	190,650	235,477	905,746	149,497	1,656	695,109	176	163,319
24	Montana	6	26,750	15,650	2,075	4,225	9,350	11,100	7,719	22	13,604	5	3,780
25	Nebraska	18	142,196	27,128	----------	----------	27,128	115,068	23,849	249	128,462	60	57,623
26	New Hampshire	14	55,968	32,068	8,000	16,000	8,068	23,900	7,893	109	52,002	18	11,236
27	New Jersey	123	475,109	319,282	95,100	98,350	125,832	155,827	79,631	539	276,686	128	97,273
28	New York	657	5,678,878	2,899,797	683,435	769,850	1,446,512	2,779,081	782,798	7,240	3,197,917	987	892,616
29	North Carolina	13	46,120	36,625	7,250	21,250	8,125	9,495	2,893	60	20,621	11	6,761
30	Ohio	292	1,112,639	452,369	134,012	133,801	184,556	660,270	249,106	1,861	672,142	343	216,409
31	Oregon	9	291,245	123,750	50,000	25,000	48,750	167,495	33,834	166	101,156	28	26,664
32	Pennsylvania	461	4,036,191	2,318,165	574,770	935,958	807,437	1,718,026	437,618	3,452	1,438,305	569	427,398
33	Rhode Island	31	135,465	65,950	17,200	14,650	34,100	69,515	29,001	226	95,362	41	23,223
34	South Carolina	7	24,511	19,778	5,500	8,850	5,428	4,733	2,833	31	7,646	3	1,520
35	Tennessee	16	193,067	118,095	58,000	35,500	19,595	79,972	23,731	205	68,474	33	20,160
36	Texas	40	421,721	216,810	84,600	56,000	76,810	204,911	45,058	266	130,275	58	51,383
37	Utah	5	69,879	18,750	4,000	2,000	12,750	51,129	7,542	80	40,811	10	5,800
38	Vermont	7	54,630	20,075	2,125	11,000	6,950	34,555	8,786	62	25,767	15	10,514
39	Virginia	48	213,463	120,695	35,600	47,900	37,195	92,768	20,042	236	84,501	71	38,678
40	Washington	10	76,450	27,175	4,000	8,000	15,175	49,275	11,722	81	47,104	14	13,994
41	West Virginia	11	42,571	14,540	2,100	2,150	10,290	28,031	5,442	73	34,728	14	8,644
42	Wisconsin	38	507,714	160,707	30,600	52,907	77,200	347,007	61,396	519	195,248	62	51,810
43	All other states (a)	5	11,875	7,450	3,000	2,000	2,450	4,425	1,349	8	6,548	3	1,952

a Includes establishments distributed as follows: Nevada, 2; North Dakota, 2; Wyoming, 1.

86.—COOPERAGE.

1	The United States	2,652	17,806,554	8,029,500	2,997,729	2,944,600	2,087,171	9,777,054	1,269,618	24,652	11,665,366	2,083	1,600,488
2	Arkansas	3	739	275	15	110	150	464	36	4	875	2	800
3	California	38	752,333	300,490	133,825	60,665	106,000	451,843	39,802	469	344,871	30	30,554
4	Connecticut	9	32,904	17,275	3,300	4,325	9,650	15,629	3,249	46	25,524	7	5,470
5	District of Columbia	8	23,285	4,985	2,000	1,500	1,485	18,300	1,942	53	23,880	8	4,890
6	Georgia	13	73,385	41,410	14,130	11,175	16,105	31,975	6,873	107	46,893	6	6,844
7	Illinois	179	1,993,667	1,064,025	446,334	377,565	240,126	929,642	152,455	2,582	1,242,430	142	110,773
8	Indiana	170	973,169	362,920	103,485	128,025	131,410	610,249	104,622	2,139	848,042	131	83,107
9	Iowa	91	351,263	172,285	68,930	62,855	40,500	178,978	22,258	590	248,708	58	34,254
10	Kansas	13	144,267	70,128	34,200	20,932	14,996	74,139	11,508	271	148,123	12	10,942
11	Kentucky	107	766,715	322,789	134,317	94,095	94,377	443,926	46,476	1,221	539,120	84	61,771
12	Louisiana	120	498,130	190,275	84,425	79,040	26,810	307,855	26,741	833	355,133	80	51,764
13	Maine	74	317,187	47,398	5,597	16,835	24,966	269,789	18,784	236	104,026	44	32,470
14	Maryland	59	287,621	135,624	62,524	55,685	17,415	151,997	17,167	623	289,824	46	30,564
15	Massachusetts	81	614,857	240,723	101,338	71,100	68,285	374,134	33,395	604	328,021	71	64,565
16	Michigan	181	740,908	349,199	129,802	127,498	91,899	391,709	34,633	1,250	493,665	136	67,110
17	Minnesota	59	447,129	253,807	114,255	81,308	58,244	193,322	23,147	1,016	485,546	52	34,291
18	Missouri	120	1,195,680	619,469	224,617	251,881	142,971	576,211	65,120	1,385	709,393	125	108,814
19	Nebraska	7	394,782	64,007	21,500	7,700	34,807	330,775	63,869	65	54,576	9	11,968
20	New Hampshire	5	131,495	28,475	12,000	13,450	3,025	103,020	15,041	114	56,408	3	2,900
21	New Jersey	26	189,237	95,625	39,325	35,400	20,900	93,612	8,491	186	112,209	31	26,360
22	New York	441	3,601,362	1,512,003	443,115	675,545	393,343	2,089,359	337,925	4,198	2,209,866	400	402,051
23	North Carolina	83	34,542	12,656	3,211	5,340	4,105	21,886	1,335	192	41,028	20	6,438
24	Ohio	272	1,259,977	635,134	235,365	197,185	202,584	624,843	73,290	2,435	1,064,726	210	154,705
25	Oregon	9	23,780	14,780	8,650	3,230	2,900	9,000	5,443	35	23,120	9	7,630
26	Pennsylvania	184	1,467,675	742,589	325,775	296,866	119,948	725,086	60,671	1,575	804,026	161	117,024
27	Rhode Island	6	17,800	8,150	2,000	1,000	5,150	9,650	13,646	36	20,362	7	5,686
28	South Carolina	32	303,063	179,837	21,829	111,535	46,473	123,226	13,726	387	143,181	8	9,453
29	Tennessee	25	186,499	89,102	12,025	13,140	63,937	97,397	24,496	246	101,931	15	14,966
30	Texas	15	125,512	83,600	49,025	13,500	21,075	41,912	9,702	106	75,862	14	13,588
31	Virginia	50	87,384	30,470	16,585	10,215	3,670	56,914	8,522	289	83,385	33	15,094
32	Washington	3	10,600	7,850	6,100	650	1,100	2,750	423	5	2,720	2	2,020
33	West Virginia	19	27,298	8,515	4,150	2,655	1,710	18,783	1,337	76	30,532	10	5,732
34	Wisconsin	140	675,399	298,505	129,380	101,095	68,030	376,894	20,931	1,179	572,538	115	64,760
35	All other states and territories. (a)	10	56,910	25,125	4,600	11,500	9,025	31,785	2,556	99	34,821	2	1,140

a Includes establishments distributed as follows: Alabama, 2; Arizona, 2; Delaware, 1; Florida, 2; Mississippi, 1; South Dakota, 1; Vermont, 1.

STATES AND TERRITORIES: 1890—Continued.

85.—CONFECTIONERY—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
3	$920	45	$14,676	6	$624	1	$110	2	$250					$78,459	$129,825	22
26	11,023	590	302,682	570	130,689	90	11,316	93	52,065	106	$23,415	5	$600	2,120,762	3,584,953	23
3	1,800	9	6,744	5	1,280									18,394	48,550	24
12	4,408	95	48,617	70	15,423	9	1,556	2	700	1	130			279,534	498,412	25
8	2,454	10	4,966	10	3,827	2	515	31	17,004	30	12,000			111,936	226,915	26
34	10,354	275	140,831	83	23,652	15	2,782	4	1,794					555,579	1,127,991	27
333	120,616	2,915	1,457,335	2,392	571,917	79	11,946	154	79,574	380	63,913			6,971,074	12,920,812	28
1	600	40	12,076	4	780	4	404							60,549	97,645	29
146	50,632	511	229,911	405	80,549	86	9,663	68	22,434	303	62,544			1,850,308	3,345,627	30
5	2,950	87	57,936	46	13,606									288,084	542,800	31
177	58,731	1,461	672,526	681	166,500	84	14,325	134	41,165	342	57,556	4	104	3,852,151	7,129,717	32
13	4,162	122	53,736	49	14,091	1	150							239,363	456,013	33
5	1,490	23	4,636											17,013	48,485	34
2	600	128	42,018	22	2,986			5	550	15	2,160			291,351	505,599	35
11	6,204	125	58,730	21	4,294	17	1,264	31	7,360			5	1,040	363,961	677,350	36
3	1,148	36	24,475	22	7,876	7	872	2	640					100,395	222,990	37
3	702	21	8,459	14	2,280			7	3,492	2	320			50,313	104,520	38
11	1,700	143	42,023	5	920			6	1,180					236,620	380,622	39
1	520	33	23,210	33	9,380									103,071	230,550	40
6	2,371	26	12,604	6	1,761	3	612	12	7,020	6	1,716			92,290	190,430	41
14	3,710	271	114,256	172	25,472									775,569	1,195,375	42
		5	3,596											10,358	26,625	43

86.—COOPERAGE.

14	8,629	12,942	5,848,626	3	650	301	52,390	9,089	4,120,129	191	30,574	29	3,880	20,636,911	38,617,956	1
		2	75											374	1,895	2
		140	105,497			8	1,980	291	206,840					643,740	1,182,320	3
1	150	19	10,394					19	9,600					22,815	55,650	4
		45	19,000											23,744	54,751	5
		72	24,635			3	739	26	14,675					82,216	177,866	6
2	2,780	1,288	601,136			47	8,090	1,099	517,551	4	2,100			2,753,516	4,708,908	7
		1,046	401,926			53	6,431	904	355,767			5	812	1,729,147	2,958,197	8
		192	72,248					337	141,672	1	100	2	434	405,250	830,879	9
1	180	50	28,507			2	250	206	108,244					315,498	556,173	10
		737	307,413			38	4,892	360	164,844			2	200	1,070,671	2,027,916	11
		512	224,819			9	1,622	217	75,794			15	1,134	390,738	941,715	12
1	700	114	42,448					77	28,408					330,485	486,991	13
		303	137,649					274	121,611					548,319	969,142	14
1	250	336	178,384					196	84,822					540,779	986,458	15
		550	211,953			8	1,460	556	213,142					766,651	1,496,154	16
		305	111,353			5	585	654	339,317					884,175	1,687,060	17
1	900	788	373,091	1	240	15	3,120	455	223,228					1,209,069	2,277,873	18
		26	27,134					30	15,474					629,519	821,250	19
1	300	56	25,898					54	27,310					94,566	196,188	20
		150	84,616			2	350	3	883					167,092	348,494	21
3	1,449	2,473	1,288,609	2	410	2	408	1,133	488,755	185	28,184			2,809,422	6,007,623	22
		156	32,340					16	2,250					46,754	111,925	23
1	520	1,368	578,714			64	11,556	790	318,842	1	190	1	200	1,820,642	3,405,157	24
		26	15,490											21,309	56,129	25
2	1,400	972	464,217			24	5,062	412	215,223			4	1,100	1,648,314	2,874,113	26
		28	14,626					1	50					39,776	80,232	27
		357	129,904					22	3,824					308,114	482,947	28
		201	74,073					30	12,892					324,305	589,548	29
		69	47,362					23	14,012					107,898	235,283	30
		92	27,442					164	40,849					151,117	281,780	31
		3	700											1,232	5,235	32
		30	8,950					36	15,850					41,323	85,418	33
		356	151,418			15	5,200	693	351,160					667,529	1,527,008	34
		80	26,695			6	646	11	6,340					40,817	109,678	35

TABLE 5.—SPECIFIED INDUSTRIES, BY

87.—CORDAGE AND TWINE.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	150	$23,351,883	$12,837,764	$1,733,432	$4,636,605	$6,467,727	$10,514,119	$1,020,697	12,799	$4,536,871	404	$555,255
2	Connecticut	12	358,064	224,000	43,800	73,500	106,700	134,064	14,362	290	72,587	9	9,082
3	Illinois	6	547,101	424,463	34,947	118,629	270,887	122,638	30,208	546	156,590	7	8,004
4	Iowa	4	23,250	14,200	1,000	2,000	11,200	9,050	1,630	29	10,792	4	2,320
5	Kentucky	16	384,934	235,686	13,515	83,700	138,471	149,248	38,142	306	97,939	16	12,131
6	Massachusetts	32	8,168,593	3,940,175	440,058	1,737,091	1,763,026	4,228,418	372,447	3,436	1,230,269	82	130,581
7	Missouri	7	322,124	129,515	22,200	31,600	75,715	192,609	25,127	215	89,457	15	24,400
8	New York	17	6,513,639	4,174,675	773,400	1,473,000	1,928,275	2,338,964	235,165	4,284	1,660,183	123	174,432
9	Ohio	13	1,662,150	1,021,163	120,700	252,196	648,267	640,987	109,468	953	329,751	47	74,114
10	Pennsylvania	19	3,009,591	1,549,301	171,900	527,200	850,201	1,460,290	69,654	1,349	439,535	58	62,911
11	Rhode Island	3	40,295	32,000	1,500	8,500	22,000	8,295	2,240	68	17,200	2	1,700
12	Wisconsin	4	24,540	13,740	4,900	3,600	5,240	10,800	633	27	9,862	6	3,770
13	All other states (a)	17	2,297,602	1,078,846	105,512	325,589	647,745	1,218,756	121,621	1,296	422,706	35	50,910

a Includes establishments distributed as follows: Alabama, 1; California, 1; Delaware, 1; Georgia, 1; Kansas, 2; Louisiana, 2; Maryland, 2; Michigan, 1; Nebraska, 1; New Jersey, 2; Oregon, 1; Tennessee, 1; Virginia, 1.

88.—CORDIALS AND SIRUPS.

1	The United States...	40	783,567	176,615	39,150	32,650	104,815	606,952	121,207	387	232,988	99	118,494
2	California	8	139,566	9,700	.....	.....	9,700	129,866	13,439	64	37,304	24	20,084
3	Louisiana	5	21,133	13,220	6,150	5,650	1,420	7,913	2,081	23	16,140	9	8,688
4	Missouri	4	14,630	2,975	.....	.....	2,975	11,655	5,216	22	15,514	8	8,450
5	New York	12	267,125	59,550	.....	.....	59,550	207,575	54,866	107	75,288	29	34,584
6	Pennsylvania	4	10,153	2,610	.....	.....	2,610	7,543	4,575	15	6,910	7	4,520
7	All other states (a)	7	330,960	88,560	33,000	27,000	28,560	242,400	41,030	156	81,832	22	41,568

a Includes establishments distributed as follows: Delaware, 1; Illinois, 1; Iowa, 1; Massachusetts, 1; Michigan, 1; New Jersey, 1; Ohio, 1.

89.—CORK, CUTTING.

1	The United States...	65	1,809,360	637,608	127,700	275,200	234,708	1,231,752	119,710	2,138	762,518	118	125,337
2	California	4	11,320	3,600	1,800	600	1,200	7,720	1,673	19	7,584	3	2,444
3	Illinois	5	107,850	21,850	.....	.....	21,850	86,000	12,447	95	49,896	12	17,108
4	Massachusetts	6	52,400	14,063	.....	.....	14,063	38,337	4,853	69	29,005	9	7,976
5	New Jersey	4	37,525	11,300	3,000	1,000	7,300	26,225	1,846	13	7,201	4	2,365
6	New York	28	411,090	203,145	36,500	85,500	81,145	207,945	27,162	533	251,522	58	62,226
7	Pennsylvania	11	1,205,075	360,850	77,400	183,900	99,550	844,225	67,069	1,366	396,174	22	25,398
8	All other states and territories. (a)	7	44,100	22,800	9,000	4,200	9,600	21,300	4,660	43	21,136	10	7,820

a Includes establishments distributed as follows: Connecticut, 1; District of Columbia, 1; Louisiana, 2; Missouri, 1; Ohio, 1; Wisconsin, 1.

90.—CORSETS.

1	The United States...	205	6,640,056	1,427,619	193,050	393,900	840,669	5,212,437	908,510	11,370	4,062,815	279	455,701
2	California	9	2,449	594	.....	.....	594	1,855	2,484	26	10,375	.....	.....
3	Connecticut	18	3,982,271	737,915	123,750	257,800	356,365	3,244,356	648,681	4,953	1,877,895	72	176,844
4	District of Columbia	3	7,900	1,500	.....	.....	1,500	6,400	2,129	22	7,413	.....	.....
5	Illinois	9	98,650	32,935	.....	.....	32,935	65,715	7,451	229	85,082	6	8,350
6	Indiana	4	23,510	3,700	.....	.....	3,700	19,810	1,200	26	7,736	3	3,300
7	Kentucky	10	1,575	505	.....	.....	505	1,070	954	26	7,790	.....	.....
8	Louisiana	5	3,190	680	.....	.....	680	2,510	1,003	15	6,396	1	624
9	Maryland	5	12,489	5,790	1,000	3,000	1,790	6,699	808	38	8,419	1	500
10	Massachusetts	16	349,349	60,074	.....	.....	60,074	289,275	101,914	911	315,632	21	29,095
11	Michigan	11	689,573	118,615	20,800	34,700	63,115	570,958	64,996	1,200	313,540	36	33,252
12	Minnesota	4	10,405	2,855	500	1,500	855	7,550	2,049	18	6,348	1	624
13	Missouri	9	85,387	18,615	.....	.....	18,015	66,772	15,084	232	72,593	5	6,000
14	New Jersey	13	442,666	109,267	6,000	20,000	83,267	333,399	47,565	1,693	623,321	51	71,104
15	New York	56	777,152	251,025	13,500	36,900	201,525	525,227	97,678	1,722	738,050	71	117,828
16	Ohio	7	11,506	4,725	500	1,000	3,225	6,781	1,776	55	17,940	4	2,320
17	Pennsylvania	18	136,374	75,949	27,000	39,000	9,949	60,425	11,008	177	57,393	5	5,100
18	All other states (a)	8	5,010	1,075	.....	.....	1,975	3,635	1,670	27	6,884	2	760

a Includes establishments distributed as follows: Iowa, 1; Kansas, 2; Oregon, 1; Rhode Island, 1; Tennessee, 1; Wisconsin, 2.

STATES AND TERRITORIES: 1890—Continued.

87.—CORDAGE AND TWINE.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecoworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
10	$5,384	6,201	$2,475,127	4,410	$1,124,490	901	$137,882	211	$72,858	600	$155,566	62	$10,300	$24,051,666	$33,312,559	1
.....	.....	124	38,011	131	19,776	23	3,918	.....	.....	3	900	.....	.....	246,844	365,233	2
1	700	212	71,196	181	40,707	20	884	40	16,380	85	18,629	.....	.....	1,373,081	1,854,185	3
.....	.....	21	7,572	.....	.....	2	400	.....	.....	.....	.....	2	500	14,450	35,818	4
.....	.....	215	73,556	25	5,350	30	3,782	20	3,120	.....	.....	.....	.....	337,085	547,439	5
3	1,780	1,818	738,070	1,428	341,028	102	17,310	3	1,500	.....	.....	.....	.....	7,688,142	10,510,530	6
1	312	81	37,816	53	15,429	03	11,100	2	400	.....	.....	.....	.....	474,497	664,305	7
2	1,152	2,185	906,771	1,528	473,278	64	12,746	36	8,914	296	75,090	50	7,800	7,850,806	10,621,612	8
2	920	536	185,905	322	60,692	38	5,000	8	3,120	.....	.....	.....	.....	1,765,890	2,873,106	9
1	520	560	232,336	269	57,644	308	43,253	57	17,924	96	24,947	.....	.....	2,771,062	3,614,541	10
.....	.....	41	11,100	25	4,400	.....	.....	.....	.....	.....	.....	.....	.....	45,615	67,183	11
.....	.....	13	5,260	.....	.....	8	832	.....	.....	.....	.....	.....	.....	16,801	32,015	12
.....	.....	395	167,534	448	106,105	243	38,657	45	21,500	120	36,600	10	2,000	1,467,393	2,126,592	13

88.—CORDIALS AND SIRUPS.

7	3,380	196	89,994	58	14,716	21	3,994	6	2,410	.....	.....	.....	.....	1,231,141	1,903,200	1
.....	.....	37	16,020	.....	.....	3	600	.....	.....	.....	.....	.....	.....	146,724	239,555	2
.....	.....	9	4,460	.....	.....	2	832	3	2,160	.....	.....	.....	.....	24,066	53,460	3
.....	.....	14	7,064	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	102,251	127,680	4
4	1,600	66	34,832	11	2,960	7	1,312	.....	.....	.....	.....	.....	.....	427,248	653,000	5
1	1,000	2	800	.....	.....	2	340	3	250	.....	.....	.....	.....	7,699	27,285	6
2	780	78	26,818	47	11,756	7	910	.....	.....	.....	.....	.....	.....	523,153	802,220	7

89.—CORK, CUTTING.

1	312	823	381,631	884	194,921	293	54,053	19	6,264	.....	.....	.....	.....	1,501,902	2,840,359	1
.....	.....	4	2,076	1	260	9	1,844	2	960	.....	.....	.....	.....	10,190	20,800	2
.....	.....	43	23,174	38	9,302	2	312	.....	.....	.....	.....	.....	.....	117,363	205,400	3
.....	.....	37	15,683	23	5,346	.....	.....	.....	.....	.....	.....	.....	.....	58,887	127,450	4
.....	.....	8	4,680	.....	.....	1	156	.....	.....	.....	.....	.....	.....	53,940	79,595	5
.....	.....	275	142,156	138	34,816	45	7,020	17	5,304	.....	.....	.....	.....	363,312	692,465	6
.....	.....	427	181,458	681	144,597	236	44,721	.....	.....	.....	.....	.....	.....	868,739	1,626,754	7
1	312	29	12,404	3	600	.....	.....	.....	.....	.....	.....	.....	.....	29,471	87,895	8

90.—CORSETS.

163	98,075	806	510,039	3,319	1,104,991	59	9,212	925	336,752	5,774	1,542,605	45	5,440	5,662,140	12,401,575	1
7	4,160	.....	.....	18	6,085	.....	.....	.....	.....	1	130	.....	.....	5,811	21,508	2
13	8,300	408	249,642	1,165	434,454	17	3,724	176	114,828	3,087	888,013	15	2,090	3,089,618	6,274,867	3
4	2,585	1	268	17	4,620	.....	.....	.....	.....	.....	.....	.....	.....	6,200	21,200	4
29	15,738	6	3,520	186	57,116	1	208	.....	.....	.....	.....	1	150	90,635	254,687	5
2	768	3	941	15	2,326	.....	.....	.....	.....	3	400	.....	.....	4,550	23,900	6
10	4,470	.....	.....	16	3,320	.....	.....	.....	.....	.....	.....	.....	.....	11,600	22,350	7
5	2,860	.....	.....	9	2,912	.....	.....	.....	.....	.....	.....	.....	.....	4,250	12,266	8
2	670	2	845	9	2,548	2	260	.....	.....	22	3,696	.....	.....	7,443	26,490	9
12	9,218	58	39,379	351	94,240	.....	.....	75	31,000	390	111,800	4	900	474,256	1,006,336	10
9	3,472	76	62,401	269	71,749	25	2,300	27	7,450	733	140,616	25	2,300	450,285	1,130,818	11
4	2,100	1	400	12	3,224	.....	.....	.....	.....	.....	.....	.....	.....	4,654	17,798	12
10	7,534	14	7,108	85	27,067	.....	.....	48	12,881	70	12,000	.....	.....	55,335	198,766	13
4	1,811	68	40,026	117	33,265	8	960	466	126,656	979	249,498	.....	.....	626,993	1,296,937	14
33	23,691	154	108,332	880	316,398	3	1,200	122	40,794	459	129,816	.....	.....	714,180	1,842,118	15
3	1,850	3	1,940	33	8,430	1	260	11	3,140	.....	.....	.....	.....	15,136	39,800	16
13	7,630	9	4,040	127	35,578	2	300	.....	.....	21	4,736	.....	.....	94,534	194,765	17
3	1,309	3	1,257	10	1,658	.....	.....	.....	.....	9	1,990	.....	.....	6,660	16,909	18

TABLE 5.—SPECIFIED INDUSTRIES, BY

91.—COTTON, CLEANING AND REHANDLING.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	13	$116,210	$44,550	$17,000	$16,575	$10,975	$71,660	$12,026	210	$54,068	13	$9,620
2	Louisiana	7	25,500	16,000	7,000	7,000	2,000	9,500	3,953	124	26,750	4	2,900
3	New York	3	30,175	475	.....	.....	475	29,700	4,379	13	7,930	3	2,900
4	All other states (a)	3	60,535	28,075	10,000	9,575	8,500	32,460	3,703	73	19,388	6	3,820

a Includes establishments distributed as follows: South Carolina, 1; Tennessee, 2.

92.—COTTON, COMPRESSING.

1	The United States...	52	7,864,373	7,233,753	2,637,972	2,178,857	2,416,924	630,620	324,469	3,000	1,228,619	215	187,811
	Arkansas	4	370,253	348,253	55,172	169,357	123,724	22,000	10,120	127	44,249	14	8,761
	Georgia	9	1,708,000	1,360,000	684,000	217,000	459,000	348,000	51,237	514	127,147	43	27,965
4	Louisiana	16	1,624,482	1,564,000	427,000	529,000	608,000	60,482	127,142	1,115	669,069	61	71,520
5	Mississippi	7	509,848	508,500	141,000	145,000	222,500	1,348	12,520	206	62,863	21	15,905
6	South Carolina	4	1,187,000	1,155,000	258,000	612,000	255,000	32,000	29,150	155	51,600	20	18,200
7	Texas	9	2,075,290	2,062,000	1,029,800	369,000	663,200	13,290	81,860	753	220,435	47	37,000
8	All other states (a)	3	389,500	236,000	43,000	107,500	85,500	153,500	12,440	130	53,256	9	8,460

a Includes establishments distributed as follows: North Carolina, 2; Tennessee, 1.

93.—COTTON, GINNING.

1	The United States...	1,637	3,221,987	3,048,957	288,384	696,400	2,064,173	173,030	176,004	7,660	781,798	739	130,838
2	Alabama	212	289,228	281,618	29,951	69,700	181,967	7,610	14,263	896	75,540	103	18,304
3	Arkansas	137	221,620	216,003	10,586	50,010	155,407	5,617	12,677	645	63,008	76	12,370
4	Florida	9	46,240	42,540	12,440	11,300	18,800	3,700	1,737	127	10,479	2	273
5	Georgia	281	358,958	350,050	33,118	75,278	241,654	8,908	14,935	1,236	88,903	142	20,034
6	Louisiana	59	156,990	153,325	10,085	44,165	99,075	3,665	10,386	330	69,970	19	5,294
7	Mississippi	130	211,829	202,785	29,403	54,105	119,277	9,044	7,961	594	51,831	47	8,332
8	Missouri	4	9,950	9,465	265	2,700	6,500	485	730	33	4,762	2	550
9	North Carolina	76	99,820	96,195	10,070	28,085	58,040	3,625	4,796	323	22,203	28	3,851
10	South Carolina	112	160,580	129,669	11,599	28,105	89,965	30,911	6,358	514	34,372	40	5,438
11	Tennessee	38	87,970	82,645	14,710	20,005	47,930	5,325	10,551	221	29,519	17	4,990
12	Texas	572	1,568,902	1,474,762	125,482	309,972	1,039,308	94,140	90,477	2,703	356,463	263	51,402
13	All other states and territories. (a)	7	9,900	9,900	675	2,975	6,250	.....	1,133	38	4,748	.....	.....

a Includes establishments distributed as follows: Indian territory, 2; Virginia, 5.

94.—COTTON GOODS. (See also Hosiery and knit goods, and special report on Cotton manufacture in Part III.)

1	The United States...	905	354,020,843	230,093,567	23,225,097	69,742,664	138,025,806	123,027,276	16,716,524	221,585	69,489,272	2,627	3,427,362
2	Alabama	13	2,853,015	1,852,950	160,450	630,200	1,062,300	1,000,065	154,803	2,137	447,173	48	43,865
3	Connecticut	65	26,431,578	17,210,477	1,385,897	7,219,942	8,604,638	9,221,101	954,637	13,411	4,524,483	186	282,596
4	Delaware	7	1,683,803	1,132,118	149,500	221,000	761,618	551,685	85,149	987	324,328	16	15,982
5	Georgia	53	17,664,675	12,003,806	1,455,297	3,724,049	6,824,460	5,660,869	724,822	10,530	2,366,085	212	196,585
6	Illinois	4	766,405	613,483	76,500	225,486	311,497	152,922	18,986	454	150,386	23	25,800
7	Indiana	6	1,744,720	1,158,447	39,500	413,677	705,270	586,273	73,941	1,325	332,676	16	22,334
8	Kentucky	5	1,376,132	930,708	71,782	242,707	616,219	445,424	60,200	834	189,039	16	18,466
9	Maine	23	20,850,754	13,335,358	1,087,916	3,774,087	8,473,355	7,515,396	1,185,336	13,992	4,372,473	80	158,950
10	Maryland	15	7,296,793	5,242,300	466,300	1,464,600	3,311,400	2,054,493	354,478	4,313	1,134,445	56	78,549
11	Massachusetts	187	128,838,837	80,892,202	9,021,576	24,630,506	47,240,120	47,946,635	6,675,285	76,213	26,230,667	629	1,003,915
12	Mississippi	9	2,053,743	1,313,020	77,199	342,895	892,926	740,723	57,622	1,184	290,981	30	26,984
13	New Hampshire	27	26,801,933	16,369,652	1,995,018	4,227,222	10,147,412	10,432,281	1,340,222	13,533	6,429,084	146	184,822
14	New Jersey	17	13,519,972	7,152,467	506,550	2,233,909	4,412,008	6,367,505	194,474	5,683	2,054,282	44	67,003
15	New York	42	13,290,745	10,236,876	401,221	3,678,369	6,157,286	3,053,869	724,405	8,401	2,563,730	85	115,699
16	North Carolina	91	10,775,134	8,102,104	696,316	2,030,074	5,375,714	2,673,030	423,324	8,742	1,646,196	226	169,964
17	Ohio	7	1,213,217	530,394	70,420	283,244	176,730	682,823	106,399	584	193,757	29	31,544
18	Pennsylvania	158	15,884,936	9,248,088	1,057,364	2,526,486	5,664,238	6,636,848	730,125	12,960	4,687,088	289	297,329
19	Rhode Island	94	38,798,161	27,778,643	3,458,746	7,686,756	16,633,141	11,019,518	1,871,057	24,832	8,131,142	254	315,555
20	South Carolina	34	11,141,833	7,388,700	298,372	2,129,319	4,961,009	3,753,133	528,208	8,192	1,646,574	116	134,340
21	Tennessee	20	2,928,657	2,221,703	163,197	655,966	1,402,540	706,954	173,853	2,174	495,438	47	49,185
22	Vermont	6	1,431,986	1,026,200	125,621	332,870	567,709	405,786	59,893	737	220,742	13	16,204
23	Virginia	9	2,966,889	2,253,693	194,000	393,953	1,665,740	713,196	102,565	2,019	406,824	29	32,831
24	Wisconsin	4	892,509	667,022	104,000	103,558	459,464	225,487	52,477	501	142,470	11	11,300
25	All other states (a)	9	2,814,416	2,333,156	162,355	571,789	1,599,012	481,260	64,173	1,847	509,209	26	37,560

STATES AND TERRITORIES: 1890—Continued.

91.—COTTON, CLEANING AND REHANDLING.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1	$1,200	88	$24,058	99	$18,560	8	$400	.....	.....	1	$230	.....	.....	$415,005	$525,595	1
.....	.....	48	12,500	64	10,950	8	400	.....	.....	.....	.....	.....	.....	.....	51,500	2
1	1,200	6	3,080	2	520	.....	.....	.....	.....	1	230	.....	.....	80,031	94,245	3
.....	.....	34	8,478	33	7,090	.....	.....	.....	.....	.....	.....	.....	.....	334,974	379,850	4

92.—COTTON, COMPRESSING.

.....	.....	1,883	517,743	.....	.....	7	330	895	$522,735	.....	.....	.....	.....	254,309	2,624,027	1
.....	.....	112	35,418	.....	.....	1	70	.....	.....	.....	.....	.....	.....	71,155	156,003	2
.....	.....	471	99,182	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59,135	401,303	3
.....	.....	159	74,814	.....	.....	.....	.....	895	522,735	.....	.....	.....	.....	32,584	1,056,432	4
.....	.....	181	46,898	.....	.....	4	60	.....	.....	.....	.....	.....	.....	7,599	104,860	5
.....	.....	135	33,400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,165	124,000	6
.....	.....	704	183,235	.....	.....	2	200	.....	.....	.....	.....	.....	.....	62,771	686,429	7
.....	.....	121	44,796	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,900	95,000	8

93.—COTTON, GINNING.

1	75	6,579	631,256	90	5,180	102	4,105	142	9,933	3	86	4	$325	542,481	2,367,450	1
1	75	741	54,746	17	1,043	16	499	13	517	2	56	3	300	35,982	213,529	2
.....	.....	551	49,452	1	80	12	499	5	607	.....	.....	.....	.....	30,725	153,226	3
.....	.....	67	7,352	51	2,514	7	340	.....	.....	.....	.....	.....	.....	5,305	28,127	4
.....	.....	1,061	68,050	6	186	19	347	8	286	.....	.....	.....	.....	23,613	227,782	5
.....	.....	303	33,760	8	916	.....	.....	.....	.....	.....	.....	.....	.....	56,062	131,842	6
.....	.....	509	42,337	1	120	13	437	24	605	.....	.....	.....	.....	23,647	130,387	7
.....	.....	27	3,912	.....	.....	.....	.....	4	300	.....	.....	.....	.....	4,185	13,850	8
.....	.....	283	17,865	.....	.....	2	58	9	399	1	30	.....	.....	9,058	64,429	9
.....	.....	459	28,345	.....	.....	2	25	13	564	.....	.....	.....	.....	16,342	113,011	10
.....	.....	201	24,464	.....	.....	2	40	.....	.....	.....	.....	1	25	39,134	106,686	11
.....	.....	2,339	296,225	6	321	29	1,860	66	6,655	.....	.....	.....	.....	294,792	1,172,298	12
.....	.....	38	4,748	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,636	12,283	13

94.—COTTON GOODS. (See also Hosiery and knit goods, and special report on Cotton manufacture in Part III.)

82	37,372	85,840	32,695,795	95,821	26,038,979	22,500	2,920,517	2,997	1,101,722	10,786	3,126,107	932	141,418	154,912,979	267,981,724	1
1	400	708	182,393	793	162,401	473	41,496	27	5,806	59	9,283	28	1,529	1,459,048	2,190,771	2
5	2,341	6,385	2,416,628	5,223	1,453,728	1,045	168,520	94	34,309	473	166,361	.....	.....	8,215,751	15,409,476	3
.....	.....	260	134,162	484	143,046	217	28,703	6	1,377	4	1,058	.....	.....	587,646	1,095,001	4
4	2,464	3,545	965,457	3,458	745,088	2,287	213,175	304	108,204	647	116,614	173	18,498	7,832,230	12,035,629	5
1	600	112	45,837	280	73,453	38	4,696	.....	.....	.....	.....	.....	.....	337,773	563,988	6
.....	.....	325	123,728	616	135,170	235	26,544	.....	.....	133	24,900	.....	.....	919,566	1,350,425	7
.....	.....	268	78,866	372	74,850	178	16,857	.....	.....	.....	.....	.....	.....	643,949	1,000,608	8
.....	.....	5,013	1,833,721	6,595	1,811,228	710	102,342	180	66,567	1,261	360,680	153	38,085	8,446,736	15,316,909	9
1	360	1,231	443,612	1,968	483,721	938	107,442	18	4,181	101	16,580	.....	.....	3,378,016	5,457,792	10
40	18,387	32,172	12,867,367	34,408	10,033,081	3,954	655,654	929	345,601	3,944	1,199,736	137	16,926	56,586,283	100,202,882	11
.....	.....	406	139,253	265	60,724	237	19,127	44	12,585	133	24,658	69	7,650	871,970	1,333,398	12
4	2,058	7,877	2,994,062	10,084	2,921,466	841	124,997	267	112,950	261	75,708	53	13,021	12,962,939	21,958,002	13
7	2,620	1,789	891,057	2,954	893,545	401	54,103	39	27,954	437	116,188	12	1,812	3,028,933	5,902,615	14
.....	.....	3,123	1,183,653	3,656	962,215	1,025	157,466	123	44,562	378	98,941	11	1,194	5,564,251	9,777,295	15
1	300	2,581	658,316	3,274	513,338	2,038	184,801	207	49,054	382	68,176	33	2,247	6,239,902	9,563,443	16
1	600	235	108,523	312	52,518	7	572	.....	.....	.....	.....	.....	.....	903,446	1,468,204	17
5	1,742	4,724	2,158,955	5,524	1,714,750	1,398	189,877	267	121,614	734	199,802	19	3,019	10,485,247	18,431,773	18
2	820	10,165	4,014,066	9,335	2,631,457	3,139	487,107	342	126,718	1,552	548,258	43	7,161	14,347,672	27,310,499	19
5	1,740	2,801	704,441	2,987	568,171	2,119	201,470	48	13,560	83	19,040	33	3,812	6,819,320	9,800,798	20
3	1,680	605	187,062	771	121,377	354	38,997	65	16,210	226	63,101	103	17,826	1,765,162	2,507,719	21
.....	.....	320	120,071	304	68,384	87	12,133	5	2,050	6	1,750	3	150	542,065	914,685	22
.....	.....	533	158,461	908	150,677	416	40,719	30	8,220	43	8,428	60	7,488	1,199,578	1,732,648	23
.....	.....	198	65,675	230	61,231	53	4,264	.....	.....	.....	.....	.....	.....	382,833	620,196	24
2	1,260	464	220,429	1,011	203,360	310	39,455	2	200	30	6,845	2	100	1,392,663	2,036,908	25

TABLE 5.—SPECIFIED INDUSTRIES, BY

95.—COTTON TIES.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States (a)...	3	$22,475	$19,135	$6,000	$7,000	$6,135	$3,340	$1,004	18	$3,150	3	$850

a Includes establishments distributed as follows: Missouri, 1; South Carolina, 2.

96.—COTTON WASTE.

1	The United States...	31	711,956	308,064	67,525	141,271	99,268	403,892	55,700	329	154,257	48	49,898
2	Massachusetts	4	270,310	152,329	20,600	80,171	46,158	117,981	23,323	111	60,194	13	19,740
3	New York	3	3,550	1,950			1,950	1,600	972	18	3,091	3	1,667
4	Pennsylvania	19	355,821	116,760	38,506	48,800	29,460	239,061	28,102	132	64,460	24	26,453
5	All other states (a)	5	82,275	37,025	3,025	12,300	21,700	45,256	3,303	68	26,512	8	8,696

a Includes establishments distributed as follows: Maine, 1; Maryland, 1; Rhode Island, 2; South Carolina, 1.

97.—CRUCIBLES.

1	The United States...	10	908,152	460,467	210,500	130,038	119,929	447,685	77,354	254	149,210	24	38,960
2	Pennsylvania	4	526,175	264,500	121,500	61,500	81,500	261,675	37,093	95	66,790	9	19,760
3	All other states (a)	6	381,977	195,967	89,000	68,538	38,429	186,010	40,261	159	82,420	15	19,200

a Includes establishments distributed as follows: Connecticut, 1; Illinois, 1; Massachusetts, 2; New Jersey, 1; Ohio, 1.

98.—CUTLERY AND EDGE TOOLS. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)

1	The United States...	474	12,082,638	5,876,717	1,336,564	2,033,435	2,506,718	6,205,921	790,045	9,487	4,918,152	764	711,073
2	California	7	37,210	16,075			16,975	20,235	4,779	51	39,556	9	8,420
3	Connecticut	48	3,448,848	1,611,338	382,950	713,431	514,957	1,837,510	241,842	2,285	1,269,574	120	110,257
4	Illinois	7	221,703	124,624	25,400	25,600	73,024	97,079	6,431	228	95,846	13	11,229
5	Indiana	14	235,166	147,980	36,400	45,800	71,780	87,186	15,978	199	113,674	18	16,350
6	Iowa	6	101,548	52,153	585	10,300	41,268	49,395	5,449	83	31,309	8	6,472
7	Kentucky	4	191,560	107,800	24,750	33,000	50,050	83,760	14,794	221	61,600	8	6,224
8	Louisiana	13	12,640	9,650			9,050	2,990	2,969	24	14,744	14	9,584
9	Maine	23	137,199	75,955	15,105	18,575	42,275	61,244	5,903	103	46,943	30	16,522
10	Maryland	15	16,940	9,765	1,800	1,800	6,165	7,175	4,388	41	23,020	16	12,764
11	Massachusetts	82	2,424,669	1,306,834	222,460	486,628	597,746	1,117,835	166,877	1,784	909,008	139	114,321
12	Michigan	7	53,617	41,550	12,100	8,350	21,100	12,067	5,698	43	23,797	6	5,117
13	Missouri	11	91,305	22,375	2,000	4,000	16,375	68,990	9,623	119	67,283	22	20,079
14	New Hampshire	10	381,556	145,050	78,150	22,400	44,500	236,506	37,313	287	145,377	19	16,184
15	New Jersey	16	407,348	241,235	54,800	94,400	92,035	166,113	29,298	499	244,971	29	28,702
16	New York	110	1,233,076	599,610	160,975	173,076	265,559	633,466	89,547	1,193	732,820	141	150,967
17	Ohio	34	1,734,682	688,699	107,970	211,650	369,079	1,045,983	84,442	1,162	532,307	82	91,586
18	Pennsylvania	51	1,226,680	616,355	200,125	170,000	246,230	610,325	55,851	1,047	505,706	73	73,195
19	Wisconsin	6	34,202	24,550	6,800	7,500	10,250	9,652	1,875	22	13,200	6	4,020
20	All other states (a)	16	93,229	35,419	16,194	6,925	18,300	57,810	6,988	93	47,918	11	9,080

a Includes establishments distributed as follows: Delaware, 1; Georgia, 1; Minnesota, 1; North Carolina, 2; Oregon, 1; Rhode Island, 1; Vermont, 2; Washington, 1.

99.—DENTISTRY, MECHANICAL.

1	The United States...	3,214	4,019,637	2,443,548	453,523	438,849	1,551,176	1,576,089	870,592	4,737	3,481,189	3,216	2,697,709
2	Alabama	20	15,539	6,950			6,950	8,589	3,004	29	11,547	19	9,935
3	Arkansas	5	4,390	2,850	300	450	2,100	1,540	476	5	1,535	5	1,535
4	California	133	135,396	71,250			71,250	64,146	46,822	203	192,933	130	139,964
5	Colorado	19	28,215	11,050			11,050	17,165	11,489	27	36,790	18	30,140
6	Connecticut	63	66,889	34,319	1,300	1,400	31,619	32,570	11,428	82	58,217	56	43,967
7	District of Columbia	60	50,832	24,527	3,333	2,100	19,094	26,305	9,160	72	19,247	69	17,144
8	Florida	8	6,325	4,900			4,900	1,425	1,413	11	7,142	7	5,057
9	Georgia	23	15,930	8,325			8,325	7,605	5,258	30	24,610	24	21,765
10	Illinois	356	405,212	218,740	20,750	17,800	180,190	186,472	159,125	648	584,208	355	431,423
11	Indiana	67	63,682	35,404	8,345	6,090	20,969	28,278	8,391	80	41,751	70	38,311
12	Iowa	53	76,001	43,850	2,300	3,900	37,650	32,151	9,736	63	42,974	52	37,629
13	Kansas	31	24,718	14,037	150	800	13,087	10,681	5,561	38	17,631	32	15,355
14	Kentucky	33	76,820	51,280	21,420	13,100	16,760	25,549	4,881	52	27,829	30	18,513
15	Louisiana	7	13,265	12,900	3,000	5,000	4,900	365	1,773	8	9,529	7	9,009
16	Maine	54	45,112	22,590	500	2,000	20,090	22,522	5,517	62	36,565	64	32,779

STATES AND TERRITORIES: 1890—Continued.

95.—COTTON TIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	3	$1,200	.....	.....	2	$300	10	$800	.....	.....	.....	.....	$5,980	$11,950	1

96.—COTTON WASTE.

2	$1,320	197	86,543	76	$15,568	5	780	1	150	.....	.....	.....	.....	1,592,041	1,906,622	1
.....	.....	65	32,750	33	7,704	.....	.....	.....	.....	.....	.....	.....	.....	880,205	990,723	2
.....	.....	15	2,084	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,333	7,906	3
2	1,320	72	35,857	28	6,100	5	780	1	150	.....	.....	.....	.....	535,209	684,283	4
.....	.....	45	16,052	15	1,764	.....	.....	.....	.....	.....	.....	.....	.....	173,294	223,710	5

97.—CRUCIBLES.

.....	.....	199	94,410	6	600	6	300	19	14,940	.....	.....	.....	.....	396,296	726,708	1
.....	.....	79	42,090	.....	.....	.....	.....	7	4,940	.....	.....	.....	.....	254,571	397,080	2
.....	.....	120	52,320	6	600	6	300	12	10,000	.....	.....	.....	.....	141,725	329,628	3

98.—CUTLERY AND EDGE TOOLS. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)

15	6,146	4,919	2,580,483	198	51,050	108	16,960	3,429	1,539,610	50	$12,430	4	$400	3,465,124	11,110,614	1
.....	.....	39	29,936	.....	.....	6	1,200	.....	.....	.....	.....	.....	.....	22,413	120,012	2
3	910	813	434,766	57	14,771	12	1,904	1,264	701,536	16	5,430	.....	.....	956,608	2,895,390	3
.....	.....	168	73,152	12	2,496	31	5,044	6	3,925	.....	.....	.....	.....	75,418	216,644	4
.....	.....	140	76,652	2	390	.....	.....	39	19,682	.....	.....	.....	.....	68,799	244,975	5
1	150	14	4,812	3	1,000	1	175	42	16,500	10	1,800	4	400	21,098	68,529	6
.....	.....	65	29,412	6	920	1	208	141	24,836	.....	.....	.....	.....	77,804	174,690	7
1	240	8	4,816	.....	.....	1	104	.....	.....	.....	.....	.....	.....	1,944	25,767	8
.....	.....	16	6,401	.....	.....	.....	.....	57	24,020	.....	.....	.....	.....	31,246	105,775	9
.....	.....	25	10,256	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,139	49,952	10
2	884	822	449,196	40	12,040	.....	.....	780	332,067	1	500	.....	.....	527,766	1,837,825	11
.....	.....	37	18,680	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,309	59,288	12
1	312	80	41,112	14	5,600	2	180	.....	.....	.....	.....	.....	.....	32,042	191,005	13
2	1,100	254	125,093	10	2,000	.....	.....	2	1,000	.....	.....	.....	.....	104,995	328,341	14
.....	.....	297	145,764	19	4,026	12	1,820	142	64,659	.....	.....	.....	.....	127,172	444,665	15
2	440	887	523,404	16	3,532	10	1,452	118	49,325	19	3,700	.....	.....	462,106	1,673,313	16
1	350	699	307,316	13	3,175	17	2,300	346	126,580	4	1,000	.....	.....	457,688	1,293,899	17
1	1,500	488	264,798	6	1,100	13	2,163	466	163,040	.....	.....	.....	.....	441,352	1,255,620	18
.....	.....	16	9,189	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,613	30,780	19
1	260	53	25,728	.....	.....	2	410	26	12,440	.....	.....	.....	.....	19,612	94,144	20

99.—DENTISTRY, MECHANICAL.

35	15,079	1,164	665,484	191	60,724	58	9,164	71	32,607	4	422	.....	.....	1,475,255	7,864,299	1
.....	.....	9	1,537	1	75	.....	.....	.....	.....	.....	.....	.....	.....	5,474	25,754	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,155	3,383	3
5	2,480	50	41,381	1	240	4	768	13	8,100	.....	.....	.....	.....	62,847	430,783	4
1	624	5	5,090	3	936	.....	.....	.....	.....	.....	.....	.....	.....	11,692	83,650	5
.....	.....	23	13,687	.....	.....	3	563	.....	.....	.....	.....	.....	.....	23,422	114,902	6
.....	.....	11	1,678	.....	.....	1	50	1	375	.....	.....	.....	.....	13,072	62,071	7
.....	.....	4	2,085	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,715	15,850	8
.....	.....	5	2,445	.....	.....	.....	.....	1	400	.....	.....	.....	.....	8,012	60,210	9
10	4,492	161	106,654	100	32,230	15	3,997	6	5,260	1	150	.....	.....	184,321	1,402,702	10
.....	.....	10	3,440	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,698	81,334	11
1	150	8	4,430	2	765	.....	.....	.....	.....	.....	.....	.....	.....	19,422	90,126	12
.....	.....	4	1,880	1	148	.....	.....	1	250	.....	.....	.....	.....	12,019	44,594	13
1	300	19	8,688	1	240	1	88	.....	.....	.....	.....	.....	.....	15,219	65,944	14
.....	.....	1	520	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,456	15,095	15
.....	.....	7	3,326	1	400	.....	.....	.....	.....	.....	.....	.....	.....	17,833	68,333	16

TABLE 5.—SPECIFIED INDUSTRIES, BY

99.—DENTISTRY, MECHANICAL—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.					Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.			Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.				Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
17	Maryland	58	$94,062	$57,260	$23,650	$14,340	$19,270	$36,802	$7,915	76	$58,198	61	$53,052
18	Massachusetts	387	294,648	152,128	12,600	17,649	121,879	142,520	76,705	511	327,680	384	269,702
19	Michigan	87	77,937	50,675	13,050	6,250	31,375	27,262	10,824	118	63,775	83	50,008
20	Minnesota	60	99,477	53,980	----------	----------	53,980	45,497	21,565	104	93,126	64	63,686
21	Mississippi	6	10,485	5,250	150	350	4,750	5,235	1,002	8	3,228	6	2,964
22	Missouri	113	76,455	40,077	2,545	6,550	30,982	36,378	20,566	186	105,179	118	76,677
23	Nebraska	14	13,450	7,900	600	1,200	6,100	5,550	3,359	17	11,501	13	10,108
24	New Hampshire	24	19,370	7,065	100	100	6,865	12,305	3,225	32	17,812	25	15,240
25	New Jersey	41	61,663	40,500	7,500	11,000	22,000	21,163	10,366	62	44,044	41	31,998
26	New York	626	1,108,822	710,975	148,325	113,665	448,985	397,847	258,463	1,070	927,755	642	693,138
27	North Carolina	8	9,450	6,050	740	1,110	4,200	3,400	486	10	2,832	8	2,572
28	North Dakota	3	1,475	625	----------	----------	625	850	458	5	2,540	3	1,840
29	Ohio	231	250,220	150,552	32,400	37,650	80,502	99,668	50,254	319	214,168	239	174,432
30	Pennsylvania	386	621,367	449,326	122,665	161,205	165,456	172,041	75,889	493	318,780	368	252,798
31	Rhode Island	19	13,373	7,410	----------	----------	7,410	5,963	4,165	32	21,052	22	16,659
32	South Carolina	6	4,870	2,450	----------	----------	2,450	2,420	908	7	2,416	4	1,836
33	Tennessee	39	50,897	39,765	12,850	5,490	21,425	11,132	8,954	46	29,051	41	27,375
34	Texas	15	12,850	7,075	----------	----------	7,075	5,775	2,292	15	8,974	15	8,974
35	Vermont	30	29,869	14,985	----------	----------	14,985	14,884	3,434	33	17,347	30	15,582
36	Virginia	37	44,367	30,895	12,050	8,050	10,795	13,472	5,168	47	20,676	40	18,914
37	West Virginia	6	3,260	1,560	----------	----------	1,560	1,700	1,509	9	4,686	6	3,960
38	Wisconsin	75	79,167	38,610	2,900	1,600	34,110	40,557	15,633	115	65,126	74	45,657
39	All other states and territories. (a)	11	13,768	5,463	----------	----------	5,463	8,305	3,418	12	8,791	11	8,011

a Includes establishments distributed as follows: Montana, 2; Nevada, 2; New Mexico, 1; Oregon, 2; Utah, 2; Wyoming, 2.

100.—DENTISTS' MATERIALS.

1	The United States	24	2,908,113	823,415	83,050	389,050	351,315	2,084,698	406,125	1,214	867,626	200	323,726
2	Massachusetts	3	73,850	12,500	----------	----------	12,500	61,350	8,250	38	28,440	14	14,296
3	New York	6	624,545	375,950	10,050	182,050	183,850	248,595	10,348	340	230,592	36	46,600
4	Pennsylvania	6	2,082,871	410,000	67,000	197,000	146,000	1,672,871	360,208	737	570,826	142	255,208
5	All other states (a)	9	126,847	24,965	6,000	10,000	8,965	101,882	27,319	99	37,768	8	7,622

a Includes establishments distributed as follows: Delaware, 1; Illinois, 2; Iowa, 2; Missouri, 2; New Jersey, 1; Ohio, 1.

101.—DRUGGISTS' PREPARATIONS, NOT INCLUDING PRESCRIPTIONS. (See also Patent medicines and compounds; Perfumery and cosmetics.)

1	The United States	1,805	4,624,814	1,809,605	578,317	693,319	537,969	2,815,209	663,883	3,940	1,938,700	1,882	1,090,483
2	Alabama	10	14,175	5,125	2,000	1,000	2,125	9,050	2,123	24	10,858	15	7,037
3	Arkansas	7	23,095	7,355	600	1,090	5,755	15,740	2,598	26	14,868	12	7,298
4	California	35	42,720	5,820	----------	----------	5,820	36,900	10,093	65	34,037	37	22,051
5	Connecticut	11	17,485	2,490	----------	----------	2,490	14,995	2,388	21	8,282	6	2,462
6	District of Columbia	85	256,635	68,665	31,100	13,450	24,115	187,970	38,100	252	129,483	92	50,635
7	Georgia	8	22,650	3,850	900	900	2,050	18,800	1,970	23	5,445	7	2,589
8	Illinois	75	339,218	120,108	61,000	47,100	12,008	219,110	29,056	154	84,931	64	46,842
9	Indiana	4	4,075	350	----------	----------	350	3,725	562	9	4,322	6	3,230
10	Iowa	11	37,650	16,500	6,500	3,500	6,500	21,150	6,013	37	21,302	17	10,640
11	Kentucky	3	2,010	860	400	300	160	1,150	240	5	1,750	1	1,000
12	Louisiana	8	14,192	11,400	6,500	4,500	400	2,792	2,411	14	11,303	6	5,795
13	Maine	44	67,255	23,915	300	800	22,815	43,340	8,294	84	32,803	36	21,351
14	Maryland	12	42,270	31,270	23,200	6,800	1,270	11,000	4,459	31	10,187	10	6,874
15	Massachusetts	392	369,058	103,715	20,247	27,394	56,074	265,343	95,060	680	227,849	396	141,103
16	Michigan	12	28,880	5,625	500	1,500	3,625	23,255	4,299	26	12,303	10	5,551
17	Minnesota	54	77,114	19,464	2,800	3,650	13,014	57,650	15,285	117	54,203	68	34,001
18	Missouri	145	263,319	132,226	42,450	66,875	22,901	131,093	41,745	250	116,810	128	72,750
19	Nebraska	5	3,585	450	----------	----------	450	3,135	634	8	2,975	6	2,470
20	New Hampshire	10	20,375	2,325	----------	----------	2,325	18,050	2,660	18	7,060	4	1,462
21	New Jersey	10	31,295	15,230	3,500	7,000	4,730	16,065	5,482	43	19,060	13	9,800
22	New York	366	936,881	278,049	77,250	60,600	140,199	658,832	196,234	921	576,004	434	328,848
23	Ohio	29	45,835	11,420	3,300	4,000	4,120	34,415	11,292	60	24,491	20	12,798
24	Oregon	15	90,675	11,250	----------	----------	11,250	79,425	23,180	68	60,360	30	35,310
25	Pennsylvania	345	1,518,508	774,041	243,545	371,025	159,471	744,467	126,088	728	359,322	329	189,622
26	Rhode Island	12	23,680	14,600	3,300	5,300	6,000	9,080	1,662	22	11,314	9	6,480
27	South Carolina	13	31,040	20,950	5,500	14,000	1,450	10,090	3,783	26	9,206	19	8,182
28	Tennessee	9	29,790	14,900	5,000	3,500	6,400	14,890	5,049	25	8,988	12	6,158
29	Texas	12	17,719	2,355	200	300	1,855	15,364	2,791	30	11,439	14	6,202
30	Vermont	15	90,105	25,700	5,075	15,075	5,550	64,405	13,072	48	28,020	26	20,440
31	Virginia	22	55,036	38,523	15,000	16,300	7,223	16,513	4,945	45	14,516	24	8,036
32	West Virginia	5	26,029	17,729	8,300	8,500	929	8,300	1,992	17	5,152	7	2,545
33	Wisconsin	18	79,900	23,135	9,850	8,950	4,335	56,765	4,760	58	16,826	22	9,201

STATES AND TERRITORIES: 1890—Continued.

99.—DENTISTRY, MECHANICAL—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females abeve 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
		12	$4,594					3	$552					$34,560	$137,185	17
1	$364	109	53,629	10	$2,683	2	$302	5	1,000					126,605	643,160	18
1	75	24	11,590	5	1,406	4	646	1	50					34,831	142,278	19
1	364	35	27,576	1	500			3	1,000					39,662	232,994	20
		2	264											1,340	7,550	21
2	462	54	26,122	8	1,204	3	514	1	200					41,689	220,994	22
		4	1,393											4,548	21,850	23
		7	2,572											7,291	39,695	24
		16	11,394	1	216	3	336			1	$100			23,356	101,828	25
8	4,942	361	210,269	38	14,414	6	546	14	4,414	1	32			388,393	2,101,067	26
						1	60	1	200					1,262	5,175	27
		2	700											1,205	5,000	28
1	260	58	34,314	9	1,866	6	686	6	2,610					99,060	453,410	29
		107	59,170	1	400	5	416	12	5,996					186,331	798,726	30
		6	3,128	3	1,165			1	100					7,268	37,994	31
		3	580											2,209	7,325	32
		4	1,556			1	120							14,296	71,530	33
														5,162	19,175	34
		2	725	1	1,040									8,029	36,032	35
		6	1,690			1	72							8,799	39,831	36
		2	500	1	226									3,362	15,050	37
3	566	32	16,091	3	572			2	2,100	1	140			31,806	140,474	38
		1	780											3,834	21,245	39

100.—DENTISTS' MATERIALS.

3	1,252	766	473,448	179	54,940	51	7,450	6	3,770	9	3,040			993,855	2,594,888	1
		21	12,896	3	1,248									36,663	86,600	2
1	360	271	176,200	14	4,332	17	1,850	1	1,250					326,860	649,927	3
1	425	441	267,993	116	39,260	34	5,600	3	2,340					561,714	1,701,840	4
1	467	33	16,359	46	10,100			2	180	9	3,040			68,618	156,521	5

101.—DRUGGISTS' PREPARATIONS, NOT INCLUDING PRESCRIPTIONS. (See also Patent medicines and compounds; Perfumery and cosmetics.)

27	8,531	1,753	777,287	204	51,860	49	7,359	20	2,150	5	1,030			2,411,851	6,659,797	1
		9	3,821											12,595	31,318	2
		13	7,310			1	260							11,925	34,912	3
		26	12,721			1	75	1	90					32,873	108,457	4
		12	5,170	3	650									16,805	40,730	5
		158	78,203	2	645									120,755	377,850	6
		14	2,726	2	130									9,002	23,110	7
2	610	82	36,121	3	500	3	858							119,340	318,571	8
		1	780	2	312									5,280	10,460	9
1	624	15	9,248	1	250	3	540							29,424	74,520	10
		3	600					1	150					1,685	5,180	11
		8	5,508											7,916	26,853	12
		40	10,065	7	1,312	1	75							49,912	125,625	13
		15	3,188	5	75			4	50					4,638	29,011	14
5	1,156	260	80,537	15	4,610	1	58	3	385					353,654	934,132	15
		15	6,544	1	208									23,207	48,790	16
		46	19,762	3	440									52,080	161,395	17
2	450	104	40,738	5	1,402	8	1,201	3	269					147,364	407,439	18
		2	506											2,540	7,710	19
2	468	11	4,980	1	150									16,671	38,148	20
		21	7,702	4	808	5	750							28,254	87,646	21
11	3,561	379	214,202	84	27,480	12	1,663	1	250					619,947	1,761,014	22
		35	10,918	5	775									22,585	81,518	23
1	350	37	24,700											74,775	184,675	24
2	812	352	159,182	26	7,136	11	1,514	6	806	2	250			480,394	1,306,719	25
		10	3,834	3	1,000									13,078	33,456	26
		7	1,024											20,481	46,508	27
		9	2,255	4	575									22,831	48,250	28
		11	4,862	3	75	2	300							14,412	39,936	29
		15	5,575	4	1,225					3	780			44,150	113,674	30
		21	6,480											13,645	46,294	31
1	500	4	1,500	4	542	1	65							15,556	34,600	32
		18	5,225	17	1,560			1	150					20,709	63,564	33
		3	1,300											3,368	7,732	34

TABLE 5.—SPECIFIED INDUSTRIES, BY

102.—DRUG GRINDING.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	13	$337,885	$126,115	$30,500	$19,000	$76,615	$211,770	$37,213	173	$103,594	25	$28,883
2	New York	4	66,548	38,765			38,765	27,783	15,682	61	44,414	9	14,000
3	All other states (a)	9	271,337	87,350	30,500	19,000	37,850	183,987	21,531	112	59,180	16	14,883

a Includes establishments distributed as follows: California, 1; Illinois, 1; Louisiana, 1; Maryland, 1; Massachusetts, 2; Ohio, 1; Pennsylvania, 1; Wisconsin, 1.

103.—DYEING AND CLEANING.

1	The United States...	976	3,041,178	2,261,355	710,525	647,295	903,535	779,823	525,052	5,189	2,537,556	933	705,880
2	Alabama	7	9,345	5,990	500	500	4,990	3,355	3,135	32	15,214	5	3,430
3	Arkansas	6	2,485	950			950	1,535	1,521	10	4,196	4	1,970
4	California	31	162,210	122,955	48,500	22,100	52,355	39,255	23,869	306	204,995	29	25,506
5	Colorado	4	36,135	32,710	18,000	10,000	4,710	3,425	2,284	23	19,430	5	6,140
6	Connecticut	19	76,133	51,885	6,750	7,500	37,635	24,248	15,695	148	75,517	14	14,308
7	District of Columbia	24	94,757	62,030	26,500	18,200	17,330	32,727	10,661	107	49,232	20	13,470
8	Georgia	12	12,360	8,205	1,400	1,825	4,980	4,155	2,841	55	20,258	9	5,737
9	Illinois	55	188,583	128,390	47,100	46,100	35,190	60,193	33,132	265	126,379	59	42,793
10	Indiana	28	33,789	25,455	9,000	6,750	9,705	8,334	7,753	99	45,015	20	14,894
11	Iowa	19	27,975	22,725	1,550	8,250	12,925	6,250	10,849	76	36,221	14	11,899
12	Kansas	8	4,665	2,590			2,590	2,075	2,723	19	9,054	6	4,760
13	Kentucky	19	38,310	32,915	11,125	12,600	9,190	5,395	5,223	78	29,777	20	13,069
14	Louisiana	15	24,293	20,680	7,700	8,700	4,280	3,613	3,964	42	20,258	13	8,812
15	Maine	11	20,635	16,650	2,400	4,700	9,550	3,985	2,772	53	20,299	11	6,579
16	Maryland	44	70,053	44,963	12,820	18,180	13,963	25,090	7,919	133	63,629	38	24,217
17	Massachusetts	73	270,143	180,788	27,200	50,200	103,388	89,355	112,711	665	310,367	62	50,959
18	Michigan	29	54,690	46,090	5,600	12,040	28,450	8,600	7,593	102	47,023	32	21,608
19	Minnesota	16	56,345	42,059	22,500	7,700	11,859	14,286	6,348	95	44,901	15	11,697
20	Missouri	52	116,169	80,300	21,600	30,000	28,700	35,869	26,033	262	135,176	60	44,901
21	Nebraska	9	14,227	12,800	3,000	3,600	6,200	1,427	3,134	24	13,504	8	6,104
22	New Hampshire	4	1,795	1,350			1,350	445	714	9	4,218	3	1,936
23	New Jersey	28	143,295	106,760	36,200	30,300	40,260	36,535	15,681	217	86,763	28	20,170
24	New York	166	927,055	725,326	238,300	195,025	292,001	201,729	95,928	1,017	514,791	182	159,774
25	North Carolina	6	2,840	2,310	800	1,100	410	530	514	13	3,056	3	1,364
26	Ohio	84	147,439	116,997	45,150	36,225	35,622	30,442	31,670	343	159,450	75	52,348
27	Oregon	3	3,950	2,100			2,100	1,850	1,398	15	10,000	4	4,250
28	Pennsylvania	102	342,241	257,862	93,130	95,650	69,082	84,379	54,416	593	281,154	92	63,348
29	Rhode Island	8	25,375	19,400	2,500	4,000	12,900	5,975	4,042	41	20,828	8	6,034
30	Tennessee	14	25,147	18,805	6,000	1,500	11,305	6,342	5,883	67	32,638	14	10,064
31	Texas	22	14,498	6,855	250	350	6,255	7,643	7,251	61	34,997	20	13,778
32	Virginia	19	31,321	18,355	3,100	6,700	8,555	12,966	5,218	85	32,567	19	11,629
33	Washington	4	2,430	1,600		500	1,100	830	1,898	18	13,552	4	4,600
34	West Virginia	5	6,140	4,400			4,400	1,740	2,214	21	8,535	4	2,510
35	Wisconsin	22	49,910	34,510	11,750	6,600	16,160	15,400	6,762	80	38,746	27	18,714
36	All other states and territories. (a)	8	4,440	3,595	100	400	3,095	845	1,303	15	5,316	6	2,508

a Includes establishments distributed as follows: Florida, 1; Mississippi, 1; Nevada, 1; South Carolina, 2; Utah, 1; Vermont, 2.

104.—DYEING AND FINISHING TEXTILES. (See special report on Dyeing and finishing textiles in Part III.)

1	The United States...	248	38,450,800	19,879,039	2,579,114	7,596,641	9,703,284	18,571,761	3,131,081	20,267	9,717,011	636	791,908
2	Connecticut	5	775,352	621,096	58,700	331,184	231,212	154,256	77,336	489	251,352	12	14,250
3	Illinois	3	26,500	20,500	3,500	6,000	11,000	6,000	1,426	21	10,424	4	2,032
4	Massachusetts	33	11,996,154	5,187,513	673,931	2,010,687	2,502,895	6,808,641	869,669	4,352	1,909,107	78	97,624
5	New Jersey	41	5,197,403	2,996,209	333,936	879,577	1,782,696	2,201,194	752,461	3,864	2,057,662	129	179,425
6	New York	49	4,963,095	2,225,566	366,300	721,700	1,137,566	2,737,529	367,935	2,839	1,481,723	112	135,661
7	Pennsylvania	83	6,296,340	3,791,968	598,647	1,354,200	1,839,121	2,504,372	419,456	3,545	1,803,822	184	204,802
8	Rhode Island	22	5,739,692	3,763,321	432,600	1,832,398	1,498,323	1,976,371	393,549	3,720	1,593,055	88	124,755
9	All other states (a)	12	3,456,264	1,272,866	111,500	460,895	700,471	2,183,398	249,249	1,437	609,966	29	33,359

a Includes establishments distributed as follows: Delaware, 1; Iowa, 1; Maine, 1; Maryland, 2; Minnesota, 1; Missouri, 1; New Hampshire, 2; Ohio, 2; West Virginia, 1.

STATES AND TERRITORIES: 1890—Continued.

102.—DRUG GRINDING.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	132	$70,661	13	$3,268	1	$182	.....	.....	2	$600	.....	.....	$192,321	$436,766	1
.....	.....	51	30,232	.....	.....	1	182	.....	.....	.....	.....	.....	.....	8,846	89,034	2
.....	.....	81	40,429	13	3,268	.....	.....	.....	.....	2	600	.....	.....	183,475	347,732	3

103.—DYEING AND CLEANING.

265	$114,289	2,091	1,133,324	1,380	396,794	60	10,811	222	$110,674	238	65,784	.....	.....	1,103,556	5,267,819	1
1	480	18	9,624	8	1,680	.....	.....	.....	.....	.....	.....	.....	.....	2,438	26,825	2
1	614	2	832	3	780	.....	.....	.....	.....	.....	.....	.....	.....	1,550	8,704	3
10	5,649	158	121,475	96	42,070	1	260	8	9,515	4	520	.....	.....	51,173	383,693	4
1	1,040	14	10,660	3	1,590	.....	.....	.....	.....	.....	.....	.....	.....	6,101	34,850	5
7	2,684	65	38,967	43	13,490	2	260	5	3,240	12	2,568	.....	.....	41,814	158,600	6
10	4,392	58	26,050	17	5,032	.....	.....	1	144	1	144	.....	.....	18,525	97,959	7
6	1,614	22	9,449	14	2,913	4	545	.....	.....	.....	.....	.....	.....	4,229	29,762	8
10	3,805	125	62,320	66	15,757	2	356	1	600	2	1,248	.....	.....	145,498	358,695	9
5	2,087	37	19,820	34	7,852	2	312	1	50	.....	.....	.....	.....	13,036	79,612	10
4	854	43	19,196	12	3,252	.....	.....	2	900	1	120	.....	.....	12,257	74,546	11
.....	.....	6	2,484	7	1,810	.....	.....	.....	.....	.....	.....	.....	.....	2,639	19,680	12
1	260	26	10,533	16	3,285	2	358	1	200	12	2,072	.....	.....	10,142	57,445	13
3	1,500	16	8,050	8	1,464	2	432	.....	.....	.....	.....	.....	.....	3,687	29,812	14
.....	.....	20	9,040	18	4,072	.....	.....	.....	.....	4	608	.....	.....	10,135	42,191	15
7	3,786	58	25,948	27	9,029	2	389	1	260	.....	.....	.....	.....	17,758	138,508	16
44	17,875	227	121,693	155	46,136	3	766	78	42,644	96	30,294	.....	.....	205,696	736,459	17
4	1,151	39	18,184	27	6,080	.....	.....	.....	.....	.....	.....	.....	.....	13,202	86,304	18
6	2,560	33	19,371	42	11,273	.....	.....	.....	.....	.....	.....	.....	.....	11,478	72,274	19
9	3,682	126	71,421	49	11,402	8	1,285	6	2,310	4	175	.....	.....	33,937	239,589	20
.....	.....	10	6,124	5	886	.....	.....	1	390	.....	.....	.....	.....	3,812	29,910	21
.....	.....	4	1,762	2	520	.....	.....	.....	.....	.....	.....	.....	.....	830	7,693	22
4	2,660	87	41,190	43	11,434	1	208	2	285	52	10,816	.....	.....	71,321	203,024	23
52	21,445	424	227,575	316	94,646	9	2,422	23	5,383	11	3,546	.....	.....	201,274	1,100,944	24
.....	.....	3	710	7	982	.....	.....	.....	.....	.....	.....	.....	.....	2,249	5,950	25
27	13,407	112	53,244	92	23,802	5	624	23	14,100	9	1,925	.....	.....	50,149	301,601	26
.....	.....	5	3,500	6	2,250	.....	.....	.....	.....	.....	.....	.....	.....	3,090	16,300	27
32	12,820	197	113,143	174	50,502	9	1,414	64	29,003	25	10,924	.....	.....	106,556	572,865	28
.....	.....	18	10,066	14	4,578	1	150	.....	.....	.....	.....	.....	.....	4,464	36,713	29
2	650	29	17,620	19	3,804	.....	.....	1	200	2	300	.....	.....	15,856	59,817	30
5	2,644	24	14,625	9	2,600	.....	.....	3	1,350	.....	.....	.....	.....	9,773	74,734	31
3	3,012	37	12,932	23	4,482	1	96	.....	.....	2	416	.....	.....	8,881	58,355	32
.....	.....	9	7,332	4	1,380	1	240	.....	.....	.....	.....	.....	.....	2,220	18,200	33
5	1,766	8	3,572	4	687	.....	.....	.....	.....	.....	.....	.....	.....	2,839	16,155	34
6	1,652	25	12,412	17	5,274	5	694	.....	.....	.....	.....	.....	.....	13,468	77,180	35
1	200	6	2,400	.....	.....	.....	.....	1	100	1	108	.....	.....	1,479	11,870	36

104.—DYEING AND FINISHING TEXTILES. (See special report on Dyeing and finishing textiles in Part III.)

30	13,383	16,297	8,053,091	2,151	574,973	793	143,486	213	94,753	147	45,417	.....	.....	12,385,220	28,900,560	1
.....	.....	390	214,542	62	16,000	2	400	.....	.....	23	6,160	.....	.....	300,360	715,388	2
1	500	13	6,956	3	936	.....	.....	.....	.....	.....	.....	.....	.....	6,846	26,741	3
4	1,896	3,520	1,606,565	512	145,122	204	44,891	7	2,750	27	10,459	.....	.....	2,801,364	6,496,215	4
.....	.....	3,275	1,744,243	346	94,905	54	8,988	60	30,000	.....	.....	.....	.....	2,711,121	6,183,397	5
2	1,812	2,170	1,223,176	400	92,608	136	21,602	4	3,744	15	3,120	.....	.....	1,454,119	3,636,051	6
2	2,455	2,889	1,487,103	202	52,834	179	29,382	75	24,209	10	2,947	.....	.....	2,395,482	5,240,761	7
13	5,304	2,854	1,252,339	502	139,245	145	22,103	50	27,722	68	21,587	.....	.....	1,819,351	4,743,561	8
4	1,616	1,186	618,167	124	33,322	73	16,120	17	6,238	4	1,144	.....	.....	896,577	1,858,446	9

TABLE 5.—SPECIFIED INDUSTRIES, BY

105.—DYE STUFFS AND EXTRACTS. (See special report on Chemicals and allied products in Part III.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
				Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
			Aggregate.	Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	62	$8,645,458	$4,360,903	$938,800	$1,731,929	$1,690,174	$4,284,555	$380,030	2,302	$1,289,967	186	$249,782
2	Connecticut	3	2,118,407	1,063,200	251,600	641,300	170,300	1,055,207	3,826	392	244,278	19	22,116
3	Massachusetts	11	1,057,718	337,800	91,000	123,000	123,800	719,918	90,917	258	167,199	22	29,946
4	New Jersey	5	633,959	261,500	33,000	179,000	49,500	372,459	42,267	166	85,030	13	12,680
5	New York	15	2,752,195	1,812,153	457,700	448,229	906,224	940,042	69,645	561	368,184	62	109,492
6	Pennsylvania	8	1,227,100	526,000	53,100	179,900	293,000	701,100	127,183	365	218,304	41	54,334
7	Virginia	10	459,078	183,000	25,800	102,300	54,900	276,078	22,440	318	105,039	17	16,419
8	West Virginia	3	63,500	33,700	1,000	10,200	22,500	29,800	2,905	85	23,277	4	2,820
9	All other states (a)	7	333,591	143,550	25,600	48,000	69,950	189,951	21,753	157	78,676	8	10,975

a Includes establishments distributed as follows: Alabama, 1; Maine, 2; Maryland, 1; Rhode Island, 2; Tennessee, 1.

106.—ELECTRICAL APPARATUS AND SUPPLIES.

1	The United States...	189	18,997,337	6,170,507	714,542	1,496,293	3,959,672	12,826,830	1,154,462	9,485	5,366,188	640	826,986
2	Connecticut	5	631,182	197,463	5,273	73,442	118,748	433,719	32,841	165	96,405	7	13,402
3	Delaware	3	120,044	61,100	16,500	17,000	27,600	58,944	16,137	62	33,992	5	6,900
4	Illinois	11	395,834	109,734	700	800	108,234	286,100	36,544	300	186,146	35	39,020
5	Massachusetts	26	5,582,175	821,406	61,500	280,000	479,906	4,760,769	338,810	2,700	1,453,296	110	154,353
6	Minnesota	3	49,579	16,470	500	500	15,470	33,109	2,560	28	20,716	8	6,860
7	Missouri	36	717,347	221,181	13,000	22,675	185,506	496,166	40,620	408	271,181	68	83,720
8	New Jersey	3	562,768	221,368	22,500	114,106	84,762	341,400	53,179	438	209,648	11	15,063
9	New York	66	8,976,892	3,591,998	433,769	805,770	2,352,459	5,384,894	420,468	4,202	2,505,868	300	408,488
10	Ohio	11	694,255	383,991	50,000	40,000	293,991	310,264	38,526	393	261,324	38	45,302
11	Pennsylvania	10	475,169	233,496	41,500	66,000	125,996	241,673	22,767	232	110,478	23	19,526
12	Wisconsin	3	44,700	37,100	22,000	10,000	5,100	7,600	866	15	8,178	4	2,902
13	All other states (a)	12	747,392	275,200	47,300	66,000	161,900	472,192	151,144	541	208,356	31	31,450

a Includes establishments distributed as follows: California, 1; Georgia, 1; Indiana, 2; Louisiana, 1; Maryland, 2; Michigan, 1; Rhode Island, 2; Tennessee, 1; Texas, 1.

107.—ELECTRIC LIGHT AND POWER. (See special report on Electrical industries in Part III.)

[It was found impracticable to make a complete canvass of the entire United States for the collection of statistics pertaining to the generation of the District

1	Total	144	33,838,549	19,167,012	1,743,017	2,106,418	15,317,577	14,671,537	755,201	2,004	1,556,623	205	268,325
2	New York	139	30,153,263	17,133,011	1,612,017	1,830,918	13,690,076	13,020,252	720,128	1,753	1,375,861	180	233,213
3	District of Columbia and St. Louis, Mo. (a)	5	3,685,286	2,034,001	131,000	275,500	1,627,501	1,651,285	35,073	251	180,762	25	35,112

a Establishments distributed as follows: District of Columbia, 1; St. Louis, Mo., 4.

108.—ELECTROPLATING.

1	The United States...	313	2,051,134	888,173	155,760	129,420	602,993	1,162,961	182,826	2,162	1,260,475	388	354,115
2	California	7	14,695	9,715	----	----	9,715	4,980	3,452	23	21,357	8	8,635
3	Connecticut	10	15,452	6,485	----	----	6,485	8,967	2,501	46	24,155	12	8,374
4	District of Columbia	7	7,670	3,275	----	----	3,275	4,395	1,651	13	7,994	7	6,500
5	Illinois	19	507,015	147,775	54,000	26,000	67,775	359,240	31,643	252	134,169	23	21,263
6	Indiana	4	18,650	13,150	1,500	2,500	9,150	5,500	2,211	24	11,372	3	2,456
7	Kentucky	3	13,440	5,475	----	----	5,475	7,965	1,315	20	10,198	3	1,832
8	Louisiana	3	29,400	20,400	6,000	4,000	10,400	9,000	2,645	35	19,330	4	6,936
9	Maryland	8	16,047	9,410	460	500	8,450	6,637	2,286	38	20,293	10	8,420
10	Massachusetts	44	178,427	82,705	200	800	81,705	95,722	21,615	237	159,535	59	56,475
11	Michigan	7	31,075	21,400	3,000	4,000	14,400	9,675	2,318	39	17,595	4	3,100
12	Missouri	11	45,145	25,700	2,500	2,000	21,200	19,445	9,668	117	60,915	16	15,344
13	New Jersey	5	18,255	9,200	900	600	7,700	9,055	2,381	32	20,680	8	7,840
14	New York	89	260,208	155,275	2,100	8,500	144,675	104,933	41,279	551	351,946	110	105,321
15	Ohio	25	80,150	43,960	600	1,200	42,160	36,190	13,517	215	101,592	31	25,709
16	Pennsylvania	37	586,829	262,428	78,000	76,200	108,228	324,401	29,145	334	176,899	49	43,850
17	Rhode Island	13	182,351	38,125	----	----	38,125	144,226	9,781	114	88,075	16	25,637
18	Wisconsin	4	7,425	5,650	2,000	300	3,250	1,875	1,013	15	4,638	5	2,824
19	All other states (a)	17	38,900	28,145	4,500	2,820	20,825	10,755	4,405	57	29,732	20	13,599

a Includes establishments distributed as follows: Colorado, 1; Delaware, 2; Iowa, 1; Kansas, 1; Maine, 2; Minnesota, 2; Nebraska, 1; New Hampshire, 2; Tennessee, 2; Vermont, 1; Virginia, 2.

STATES AND TERRITORIES: 1890—Continued.

105.—DYE STUFFS AND EXTRACTS. (See special report on Chemicals and allied products in Part III.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework rs.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
5	$2,554	2,073	$1,028,704	4	$936	8	$786	26	$7,225	.....	.....	.....	.....	$6,500,928	$9,292,514	1
.....	.....	373	222,162	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,378.633	1,883,700	2
2	850	232	135,675	2	728	.....	.....	.....	.....	.....	.....	.....	.....	1,623,643	2,055,256	3
.....	.....	153	72,350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	544,208	767,800	4
2	1,404	494	265,977	.....	.....	2	286	1	25	.....	.....	.....	.....	1,381,906	2,0:9,615	5
.....	.....	322	163,670	.....	.....	2	300	.....	.....	.....	.....	.....	.....	866,244	1,410,282	6
1	300	271	80,920	.....	.....	4	200	25	7,200	.....	.....	.....	.....	311,648	513,543	7
.....	.....	81	20,457	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,195	113,518	8
.....	.....	147	67,493	2	208	.....	.....	.....	.....	.....	.....	.....	.....	346,451	528,800	9

106.—ELECTRICAL APPARATUS AND SUPPLIES.

43	22,152	6,221	3,469,140	970	243,039	44	7,543	1,068	613,707	499	$183,621	.....	.....	8,819,498	19,114,714	1
2	1,456	122	71,743	35	9,804	.....	.....	.....	.....	.....	.....	.....	.....	390,171	628,602	2
.....	.....	57	27,092	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85,352	101,756	3
5	3,120	214	122,520	18	5,611	8	275	20	15,600	.....	.....	.....	.....	184,625	486,730	4
9	4,420	1,648	826,284	80	17,980	.....	.....	552	330,257	301	120,002	.....	.....	2,488,390	5,762,599	5
1	360	19	13,496	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47,332	96,190	6
4	1,720	295	165,155	6	2,000	9	1,386	16	13,600	10	3,600	.....	.....	250,747	697,594	7
2	1,196	183	115,342	86	15,488	2	416	76	35,082	78	27,061	.....	.....	203,163	744,274	8
12	5,520	2,941	1,719,144	435	123,110	10	2,606	394	214,048	110	32,958	.....	.....	4,025,504	8,189,180	9
7	3,760	344	210,730	1	416	1	156	2	960	.....	.....	.....	.....	144,354	604,780	10
.....	.....	108	62,723	83	21,924	10	2,145	8	4,160	.....	.....	.....	.....	430,899	674,565	11
.....	.....	11	5,276	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,488	38,870	12
1	600	279	129,635	226	46,706	4	565	.....	.....	.....	.....	.....	.....	554,473	1,089,574	13

107.—ELECTRIC LIGHT AND POWER. (See special report on Electrical industries in Part III.)

electricity for lighting and power purposes; the data concerning this industry are therefore confined to the state of New York, the city of St. Louis, Mo., and of Columbia.]

5	3,056	1,791	1,284,502	1	240	2	560	.....	.....	.....	.....	.....	.....	1,155,789	4,783,224	1
5	3,056	1,567	1,139,352	1	240	.....	.....	.....	.....	.....	.....	.....	.....	981,636	4,174,534	2
.....	.....	224	145,150	.....	.....	2	500	.....	.....	.....	.....	.....	.....	174,153	608,690	3

108.—ELECTROPLATING.

9	4,608	1,529	802,578	87	28,152	68	13,794	73	43,750	8	3,478	.....	.....	1,048,057	3,121,642	1
.....	.....	15	12,722	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,905	43,706	2
.....	.....	28	13,865	5	1,416	.....	.....	1	500	.....	.....	.....	.....	19,058	51,136	3
.....	.....	4	1,254	.....	.....	2	240	.....	.....	.....	.....	.....	.....	3,932	15,800	4
2	1,200	197	99,965	21	7,581	4	536	5	3,624	.....	.....	.....	.....	94,393	339,576	5
.....	.....	19	8,760	.....	.....	1	52	1	104	.....	.....	.....	.....	7,905	24,516	6
.....	.....	17	8,366	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,175	24,900	7
.....	.....	29	11,794	.....	.....	.....	.....	2	600	.....	.....	.....	.....	9,971	38,364	8
.....	.....	24	10,063	.....	.....	2	250	2	1,560	.....	.....	.....	.....	8,385	33.500	9
1	500	169	99,881	4	1,180	2	271	2	1,228	.....	.....	.....	.....	82,095	318,715	10
.....	.....	27	12,310	5	1,535	.....	.....	2	500	1	150	.....	.....	7,367	36,478	11
.....	.....	90	40,633	4	1,200	2	338	5	3,400	.....	.....	.....	.....	16,373	104,988	12
.....	.....	21	10,968	.....	.....	.....	.....	3	1,872	.....	.....	.....	.....	13,297	44,566	13
2	900	386	219,377	13	5,272	5	494	35	20,582	.....	.....	.....	.....	166,574	679,256	14
1	400	132	58,990	3	1,016	38	9,777	10	5,700	.....	.....	.....	.....	40,186	195,041	15
2	1,140	235	115.591	28	7,792	8	1,118	5	4,080	7	3,328	.....	.....	95,859	461,904	16
.....	.....	91	60,768	4	1,160	3	516	.....	.....	.....	.....	.....	.....	449,821	652,0'2	17
.....	.....	10	1,814	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	991	6,800	18
1	468	35	15,457	.....	.....	1	208	.....	.....	.....	.....	.....	.....	10,740	50,370	19

TABLE 5.—SPECIFIED INDUSTRIES, BY

109.—EMERY WHEELS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	17	$823,059	$232,902	$26,000	$53,374	$153,528	$590,157	$81,148	292	$182,600	44	$46,008
2	Massachusetts	6	418,002	68,239	9,300	14,679	44,260	349,763	59,984	152	95,569	18	23,236
3	Pennsylvania	3	195,835	97,865	7,500	23,495	66,870	97,970	17,399	42	32,080	10	12,530
4	All other states (a)	8	209,222	66,798	9,200	15,200	42,393	142,424	3,765	98	54,951	16	10,242

a Includes establishments distributed as follows: Connecticut, 1; Illinois, 1; Michigan, 1; Minnesota, 1; New Jersey, 2; New York, 1; Vermont, 1.

110.—ENAMELED GOODS.

1	The United States...	19	350,798	143,472	6,000	9,000	128,472	207,326	23,856	391	191,925	37	42,378
2	Massachusetts	5	9,015	1,640	.....	.....	1,640	7,375	1,071	39	17,627	3	3,150
3	New York	3	118,500	46,000	.....	.....	46,000	72,500	4,046	110	66,165	15	14,760
4	Ohio	4	116,873	26,632	.....	.....	26,632	90,241	9,300	85	44,210	7	12,513
5	Rhode Island	4	23,610	6,700	.....	.....	6,700	16,910	7,038	104	38,763	9	8,055
6	All other states (a)	3	82,800	62,500	6,000	9,000	47,500	20,300	2,401	53	25,160	3	3,900

a Includes establishments distributed as follows: Illinois, 1; New Jersey, 1; Pennsylvania, 1.

111.—ENAMELING.

1	The United States...	27	71,917	33,387	5,000	3,800	24,587	38,530	15,751	187	104,672	33	30,086
2	New York	12	42,154	18,221	.....	.....	18,221	23,933	10,694	115	66,043	14	14,440
3	Pennsylvania	3	5,828	700	.....	.....	700	5,128	1,012	10	5,212	5	3,000
4	Rhode Island	7	21,600	13,350	5,000	3,000	5,350	8,250	3,550	54	28,630	9	8,864
5	All other states (a)	5	2,335	1,116	.....	800	316	1,219	495	8	4,782	5	3,782

a Includes establishments distributed as follows: California, 1; Maryland, 1; Massachusetts, 1; New Jersey, 2.

112.—ENGRAVERS' MATERIALS.

1	The United States...	16	139,920	49,460	1,500	3,500	44,460	90,460	13,959	161	97,339	20	19,889
2	Illinois	3	32,200	9,700	.....	.....	9,700	22,500	2,628	30	18,888	6	5,248
3	New York	5	57,820	23,110	1,500	3,500	18,110	34,710	3,774	75	38,824	7	6,547
4	Pennsylvania	5	27,550	9,900	.....	.....	9,900	17,650	2,455	23	15,947	4	4,240
5	All other states (a)	3	22,350	6,750	.....	.....	6,750	15,600	5,102	33	23,680	3	3,854

a Includes establishments distributed as follows: Massachusetts, 1; Michigan, 1; Missouri, 1.

113.—ENGRAVING AND DIESINKING.

1	The United States...	382	794,554	424,854	22,050	41,050	361,754	369,700	150,239	1,635	1,169,073	459	467,294
2	California	14	4,695	1,960	.....	.....	1,960	2,735	2,474	24	19,078	14	14,256
3	Connecticut	8	30,600	15,025	.....	.....	15,025	15,575	5,669	51	27,845	9	10,545
4	District of Columbia	8	21,800	7,800	.....	.....	7,800	14,000	3,050	29	21,880	11	10,424
5	Illinois	24	107,991	51,725	250	250	51,225	56,266	21,950	239	178,087	33	38,620
6	Kentucky	9	7,018	3,730	.....	.....	3,730	3,288	1,860	18	11,491	9	7,590
7	Louisiana	3	2,545	900	.....	.....	900	1,645	930	3	2,500	3	2,500
8	Maryland	7	7,425	4,575	.....	.....	4,575	2,850	1,318	14	10,138	2	2,820
9	Massachusetts	55	68,834	42,534	500	2,000	40,034	26,300	16,414	141	98,509	54	48,100
10	Minnesota	4	6,400	5,280	.....	.....	5,280	1,120	851	11	5,709	4	2,950
11	Missouri	16	42,075	20,170	500	400	19,270	21,905	10,506	85	52,386	22	22,384
12	New Jersey	12	46,560	32,725	11,100	6,600	15,025	13,835	1,627	45	21,981	14	11,930
13	New York	141	302,991	160,495	9,700	29,800	120,995	142,496	57,768	672	513,342	190	207,858
14	Ohio	15	44,675	27,775	.....	2,000	25,775	16,900	8,214	120	65,409	26	23,592
15	Pennsylvania	52	72,594	36,835	.....	.....	36,835	35,759	10,732	117	86,538	48	44,663
16	All other states (a)	14	28,351	13,325	.....	.....	13,325	15,026	6,876	66	54,180	20	19,062

a Includes establishments distributed as follows: Colorado, 2; Indiana, 1; Iowa, 1; Maine, 1; Michigan, 1; Nebraska, 2; New Hampshire, 2; Rhode Island, 1; Texas, 1; Wisconsin, 2.

STATES AND TERRITORIES: 1890—Continued.

109.—EMERY WHEELS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
3	$1,236	241	$134,420	2	$416	2	$520	.....	.....	.....	.....	.....	.....	$186,579	$726,425	1
2	768	132	71,565	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	87,562	413,412	2
.....	.....	32	19,550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,981	89,859	3
1	468	77	43,305	2	416	2	520	.....	.....	.....	.....	.....	.....	78,036	223,154	4

110.—ENAMELED GOODS.

.....	.....	232	116,294	92	27,253	20	3,000	10	$3,000	.....	.....	.....	.....	118,659	444,942	1
.....	.....	6	4,142	30	10,335	.....	.....	.....	.....	.....	.....	.....	.....	3,344	32,279	2
.....	.....	84	47,385	11	4,020	.....	.....	.....	.....	.....	.....	.....	.....	18,225	105,000	3
.....	.....	70	29,437	8	2,260	.....	.....	.....	.....	.....	.....	.....	.....	62,319	176,063	4
.....	.....	38	18,386	27	6,322	20	3,000	10	3,000	.....	.....	.....	.....	24,821	85,000	5
.....	.....	34	16,944	16	4,316	.....	.....	.....	.....	.....	.....	.....	.....	9,950	46,600	6

111.—ENAMELING.

.....	.....	129	67,126	23	7,044	2	416	.....	.....	.....	.....	.....	.....	52,999	181,942	1
.....	.....	101	51,608	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44,430	122,578	2
.....	.....	4	1,848	1	364	.....	.....	.....	.....	.....	.....	.....	.....	3,572	10,400	3
.....	.....	23	13,070	20	6,280	2	416	.....	.....	.....	.....	.....	.....	3,511	41,798	4
.....	.....	1	600	2	400	.....	.....	.....	.....	.....	.....	.....	.....	1,486	7,166	5

112.—ENGRAVERS' MATERIALS.

2	1,000	137	76,045	1	280	1	125	.....	.....	.....	.....	.....	.....	61,985	203,764	1
.....	.....	24	13,640	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,157	49,500	2
.....	.....	68	32,277	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,708	73,000	3
1	600	17	10,982	.....	.....	1	125	.....	.....	.....	.....	.....	.....	7,778	28,809	4
1	400	28	19,146	1	280	.....	.....	.....	.....	.....	.....	.....	.....	14,342	52,455	5

113.—ENGRAVING AND DIESINKING.

8	5,128	1,013	617,105	39	9,540	24	3,354	92	66,652	.....	.....	.....	.....	434,506	2,187,157	1
.....	.....	9	4,678	.....	.....	1	144	.....	.....	.....	.....	.....	.....	3,216	30,600	2
.....	.....	42	17,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31,408	75,100	3
.....	.....	16	10,832	2	624	.....	.....	.....	.....	.....	.....	.....	.....	9,875	51,900	4
4	2,008	172	116,667	6	1,280	3	512	21	19,000	.....	.....	.....	.....	51,843	310,625	5
.....	.....	5	3,420	.....	.....	4	481	.....	.....	.....	.....	.....	.....	1,480	19,020	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	630	7,580	7
.....	.....	11	6,518	.....	.....	.....	.....	1	800	.....	.....	.....	.....	1,361	17,878	8
1	200	71	45,078	10	2,475	1	156	4	2,500	.....	.....	.....	.....	16,967	167,124	9
.....	.....	6	2,564	1	195	.....	.....	.....	.....	.....	.....	.....	.....	1,540	10,000	10
1	120	55	28,460	1	150	3	612	3	660	.....	.....	.....	.....	19,176	99,567	11
.....	.....	24	9,047	3	160	3	220	1	624	.....	.....	.....	.....	8,339	40,285	12
2	2,800	409	258,240	13	3,940	2	260	56	40,244	.....	.....	.....	.....	200,670	966,443	13
.....	.....	87	38,915	1	416	2	306	4	2,180	.....	.....	.....	.....	47,248	145,930	14
.....	.....	60	40,268	2	300	5	663	2	644	.....	.....	.....	.....	19,252	155,579	15
.....	.....	46	35,118	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,501	89,526	16

114.—ENGRAVING, STEEL, INCLUDING PLATE PRINTING. (See also Lithographing and engraving; Photolithographing and engraving.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.	Males above 16 years. Number.	Wages.
1	The United States...	134	$2,924,125	$1,250,133	$8,200	$332,000	$909,933	$1,673,992	$155,902	2,560	$1,881,583	219	$273,232
2	California	6	9,995	4,300			4,300	5,695	1,773	24	20,368	9	11,524
3	District of Columbia	5	1,532,225	433,750		300,000	133,750	1,098,475	1,384	997	849,332	24	34,150
4	Illinois	6	20,298	9,600			9,600	10,698	4,819	63	46,123	10	14 204
5	Maryland	7	3,010	2,625			2,625	385	655	18	9,288	7	6,168
6	Massachusetts	24	164,767	58,278			58,278	106,489	36,256	277	171,450	33	49,547
7	Missouri	3	59,672	29,447			29,447	30,225	5,110	37	20,707	7	7,700
8	New Jersey	3	77,313	66,583	8,200	32,000	26,383	10,730	1,950	38	27,668	9	6,920
9	New York	47	832,035	527,825			527,825	304,210	74,430	776	538,172	74	95,694
10	Pennsylvania	24	209,961	112,525			112,525	97,436	27,065	265	171,895	34	37,785
11	All other states (a)	9	14,849	5,200			5,200	9,649	2,460	65	26,580	12	10,140

a Includes establishments distributed as follows: Connecticut, 1; Kentucky, 1; Maine, 1; Minnesota, 2; Ohio, 1; Rhode Island, 1; Washington, 1; Wisconsin, 1.

115.—ENGRAVING, WOOD.

1	The United States...	285	480,990	149,758	3,000	4,000	142,758	331,232	106,791	1,286	956,366	334	353,372
2	California	11	4,795	2,330			2,330	2,465	2,389	26	17,074	12	11,999
3	Connecticut	11	22,250	6,100	1,000	2,000	3,100	16,150	1,577	51	30,588	12	11,041
4	Illinois	19	38,503	21,873			21,873	16,630	16,289	171	142,142	32	40,409
5	Indiana	5	6,531	3,160			3,160	3,371	1,034	19	11,971	5	4,821
6	Maryland	3	988	585			585	403	349	5	4,214	3	3,850
7	Massachusetts	36	74,302	20,565			20,565	53,737	15,911	184	130,296	39	37,442
8	Michigan	4	6,510	3,150			3,150	3,360	5,362	20	13,432	5	5,992
9	Minnesota	3	2,240	800			800	1,440	1,194	14	10,624	4	5,300
10	Missouri	17	24,922	9,325			9,325	15,597	5,649	91	51,642	26	22,658
11	New York	98	73,489	24,625			24,625	48,864	22,770	321	273,117	108	119,156
12	Ohio	32	80,492	31,915			31,915	48,577	13,773	179	114,610	39	43,441
13	Pennsylvania	37	140,293	22,480	2,000	2,000	18,480	117,813	18,529	179	132,124	41	40,135
14	Rhode Island	4	1,740	600			600	1,140	564	10	6,660	3	2,448
15	All other states (a)	5	3,935	2,250			2,250	1,685	1,401	16	8,872	5	4,680

a Includes establishments distributed as follows: Kentucky, 1; Louisiana, 1; Texas, 1; Wisconsin, 2.

116.—ENVELOPES.

1	The United States...	41	3,218,466	1,342,677	96,000	203,500	1,043,177	1,875,789	346,129	2,501	1,058,550	164	739,801
2	Connecticut	3	1,059,524	517,700	45 000	160,000	312,700	541,824	51,563	348	147,293	20	31,300
3	Massachusetts	11	1,326,866	401,469	1,500	3,500	396,469	925,397	176,996	1,264	488,085	55	95,561
4	New York	14	408,332	211,850	45,000	30,000	136,850	196,482	84,531	513	263,662	56	80,870
5	Pennsylvania	8	373,969	178,233	4,500	10,000	163,733	195,736	28,399	268	115,290	26	23,100
6	All other states and territories. (a)	5	49,775	33,425			33,425	16,350	4,640	108	44,220	7	8,970

a Includes establishments distributed as follows: District of Columbia, 1; Illinois, 3; Michigan, 1.

117.—FANCY ARTICLES, NOT ELSEWHERE SPECIFIED.

1	The United States...	377	2,386,317	857,441	130,850	173,490	553,101	1,528,876	276,390	3,954	1,679,818	351	343,715
2	California	17	15,768	3,795			3,795	11,973	3,743	47	15,250	4	1,540
3	Connecticut	10	115,524	37,086	5,000	17,500	14,586	78,438	7,137	130	50,587	8	5,127
4	District of Columbia	7	51,438	17,550	3,000	2,000	12,550	33,888	7,053	450	112,932	3	2,100
5	Illinois	20	43,785	4,210		240	3,970	39,575	7,358	83	34,977	5	4,430
6	Indiana	4	10,500	1,000			1,000	9,500	891	35	10,898	2	3,780
7	Iowa	3	4,275	900			900	3,575	723	11	3,478	1	500
8	Kentucky	7	8,450	5,955	4,000	1,500	455	2,495	851	19	6,412	1	416
9	Maine	3	2,648	248			248	2,400	4,745	28	6,300		
10	Maryland	6	27,150	10,125			10,125	17,025	2,729	43	13,120	5	2,520
11	Massachusetts	29	492,699	95,749			95,749	396,950	39,860	553	217,174	32	32,408
12	Minnesota	11	13,580	4,110	1,500	1,700	910	9,470	3,064	54	19,265	4	1,734
13	Missouri	13	31,972	14,117	3,500	3,200	7,417	17,855	4,989	83	32,680	6	8,560
14	New Jersey	13	88,190	59,925	5,000	16,500	38,425	28,265	10,014	220	86,143	18	18,226
15	New York	139	990,997	429,584	88,400	99,500	241,684	561,413	113,557	1,625	843,343	208	209,937
16	Ohio	20	15,800	7,910	1,400	2,250	4,260	7,890	5,251	57	21,932	10	7,808
17	Pennsylvania	42	305,691	79,520	9,800	11,500	58,220	226,171	48,131	337	126,947	26	24,523
18	Rhode Island	5	64,097	41,347			41,347	12,750	2,615	67	22,022	6	6,585
19	Texas	4	18,643	13,130	5,250	7,500	380	5,513	1,024	6	3,105	2	1,800
20	Wisconsin	11	13,580	6,450	3,000	800	2,650	7,130	2,239	33	9,112	3	1,910
21	All other states and territories. (a)	13	81,530	24,730	1,000	9,300	14,430	56,800	10,416	83	44,141	7	9,721

a Includes establishments distributed as follows: Alabama, 1; Colorado, 1; Georgia, 2; Louisiana, 2; Michigan, 2; New Hampshire, 1; Oregon, 1; Utah, 1; Vermont, 2.

STATES AND TERRITORIES: 1890—Continued.

114.—ENGRAVING, STEEL, INCLUDING PLATE PRINTING. (See also Lithographing and engraving; Photolithographing and engraving.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
45	$31,946	1,013	$750,895	870	$367,437	29	$5,085	371	$447,978	13	$5,010	.....	.....	$742,765	$3,347,804	1
.....	.....	10	7,768	1	304	2	312	2	400	.....	.....	.....	.....	18,328	47,445	2
21	20,500	208	197,260	502	248,124	1	100	241	349,198	.....	.....	.....	.....	178,576	1,033,589	3
1	300	35	25,950	15	5,305	2	364	.....	.....	.....	.....	.....	.....	8,960	75,120	4
.....	.....	5	2,080	3	832	3	208	.....	.....	.....	.....	.....	.....	1,246	17,075	5
7	2,912	94	63,325	101	23,671	4	700	36	30,745	2	550	.....	.....	122,010	390,821	6
.....	.....	23	10,550	3	1,420	3	525	1	512	.....	.....	.....	.....	11,602	47,102	7
.....	.....	29	20,748	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,480	50,500	8
5	1,820	444	325,010	194	75,136	8	1,612	50	39,200	1	300	.....	.....	339,114	1,348,704	9
11	6,414	128	83,854	38	11,161	3	598	41	27,923	10	4,160	.....	.....	46,042	292,648	10
.....	.....	37	14,350	13	1,424	3	666	.....	.....	.....	.....	.....	.....	11,407	44,800	11

115.—ENGRAVING, WOOD.

7	2,541	797	533,409	7	2,680	33	4,339	107	59,245	1	780	.....	.....	157,656	1,555,418	1
.....	.....	9	4,669	.....	.....	1	156	4	250	.....	.....	.....	.....	2,562	25,069	2
.....	.....	38	28,472	.....	.....	.....	.....	1	75	.....	.....	.....	.....	3,872	53,813	3
2	535	132	98,584	1	300	1	150	3	2,164	.....	.....	.....	.....	15,327	221,282	4
.....	.....	13	6,800	.....	.....	1	350	.....	.....	.....	.....	.....	.....	1,079	15,600	5
.....	.....	2	364	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	468	8,314	6
.....	.....	134	87,786	2	1,500	.....	.....	9	3,568	.....	.....	.....	.....	28,569	225,117	7
.....	.....	14	7,214	.....	.....	1	226	.....	.....	.....	.....	.....	.....	1,321	28,157	8
.....	.....	8	4,740	.....	.....	1	84	1	500	.....	.....	.....	.....	756	12,125	9
1	300	52	25,889	2	360	2	200	8	2,235	.....	.....	.....	.....	7,964	83,187	10
1	250	161	117,827	.....	.....	1	52	50	35,832	.....	.....	.....	.....	35,101	405,933	11
1	520	112	62,200	1	250	17	2,070	9	6,120	.....	.....	.....	.....	25,364	203,090	12
2	936	106	81,160	1	270	7	942	21	7,901	1	780	.....	.....	32,628	250,423	13
.....	.....	7	4,212	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	650	8,808	14
.....	.....	9	3,492	.....	.....	1	100	1	600	.....	.....	.....	.....	1,995	14,300	15

116.—ENVELOPES.

12	6,205	569	327,454	939	273,854	20	4,620	29	6,118	768	200,498	.....	.....	2,530,793	4,855,680	1
2	1,200	110	65,109	130	32,940	2	400	.....	.....	84	16,344	.....	.....	506,988	843,642	2
6	2,385	235	127,869	354	97,097	16	3,936	3	1,850	595	159,387	.....	.....	1,177,447	2,413,679	3
3	2,160	115	72,826	306	98,898	.....	.....	24	3,968	9	5,000	.....	.....	572,931	1,064,370	4
.....	.....	86	46,824	77	25,939	2	284	.....	.....	77	19,143	.....	.....	238,598	438,299	5
1	520	23	14,826	72	18,980	.....	.....	2	300	3	624	.....	.....	34,829	95,690	6

117.—FANCY ARTICLES, NOT ELSEWHERE SPECIFIED.

207	101,121	1,178	634,278	1,563	430,825	59	9,463	149	59,229	432	98,823	15	$2,364	1,844,556	4,810,450	1
11	5,420	6	1,548	18	4,558	.....	.....	8	2,184	.....	.....	.....	.....	7,888	34,586	2
5	2,172	27	12,066	40	10,482	.....	.....	27	14,396	15	4,680	8	1,664	126,985	221,349	3
4	2,000	5	2,664	438	106,168	.....	.....	.....	.....	.....	.....	.....	.....	37,371	262,900	4
23	10,555	6	3,424	21	7,720	1	52	.....	.....	27	8,796	.....	.....	44,314	119,786	5
1	638	5	1,750	21	4,210	.....	.....	.....	.....	6	520	.....	.....	13,850	33,600	6
2	968	8	2,010	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,425	8,215	7
6	3,118	.....	.....	12	2,878	.....	.....	.....	.....	.....	.....	.....	.....	7,555	16,200	8
1	750	5	1,401	22	4,149	.....	.....	.....	.....	.....	.....	.....	.....	12,540	29,500	9
.....	.....	11	5,300	23	5,000	4	300	.....	.....	.....	.....	.....	.....	28,150	69,400	10
17	7,188	201	94,220	192	54,255	13	2,679	21	4,224	77	22,200	.....	.....	295,796	641,431	11
13	8,201	14	2,900	17	5,280	4	650	.....	.....	2	600	.....	.....	11,454	40,673	12
10	2,900	10	6,216	29	8,172	4	632	.....	.....	24	6,200	.....	.....	24,095	88,624	13
3	2,298	34	19,296	82	19,106	.....	.....	28	16,662	55	10,555	.....	.....	79,288	214,551	14
61	36,137	691	406,476	460	145,277	17	2,372	40	17,053	146	25,891	2	200	829,864	2,161,042	15
11	4,728	4	1,716	16	4,394	2	312	2	600	7	1,784	5	500	16,151	53,605	16
21	7,037	67	33,466	126	39,678	14	2,466	23	4,110	60	15,667	.....	.....	218,096	567,043	17
.....	.....	33	12,722	18	2,715	.....	.....	.....	.....	.....	.....	.....	.....	14,454	51,100	18
.....	.....	1	312	3	993	.....	.....	.....	.....	.....	.....	.....	.....	9,182	16,180	19
6	2,369	1	175	11	2,658	.....	.....	.....	.....	12	2,000	.....	.....	8,208	26,000	20
12	4,642	49	26,616	14	3,132	.....	.....	.....	.....	1	30	.....	.....	55,890	154,665	21

TABLE 5.—SPECIFIED INDUSTRIES, BY

118.—FELT GOODS. (See also Woolen goods, and special report on Wool manufacture in Part III.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	34	$4,460,621	$1,865,984	$276,780	$714,453	$874,751	$2,594,637	$232,871	2,266	$1,041,296	120	$156,486
2	Massachusetts	7	731,976	303,073	62,660	142,625	97,788	428.903	29,386	340	140,528	14	19,845
3	New York	11	1,371,219	561,187	89,500	236,386	235,301	810,032	86,273	820	361,944	44	58,821
4	Ohio	4	520,298	248,432	25,320	71,642	151,470	271,866	28,191	183	92,161	16	21,500
5	Pennsylvania	3	242,207	120,500	5,500	41,060	74,000	121,707	10,780	176	111,682	10	10,170
6	All other states (a)	9	1,594,921	632,792	93,800	222,800	316,192	962,129	78,241	747	334,981	36	46,150

a Includes establishments distributed as follows: Connecticut, 2; Indiana, 1; Maine, 1; Michigan, 1; New Hampshire, 2; New Jersey, 2.

119.—FERTILIZERS. (See also Chemicals, and special report on Chemicals and allied products in Part III.)

1	The United States...	390	40,504,168	13,197,623	2,870,499	5,787,740	4,539,384	27,396,545	2,790.082	10,158	4,671,831	1,122	1,249,584
2	Alabama	8	709,250	175,700	7,100	74,500	94,100	533,550	48,715	251	60,310	21	17,475
3	California	4	230,500	72,500	19,000	15,000	38,500	158,000	17,938	117	52,408	6	7,680
4	Connecticut	8	246,223	164,000	29,800	72,000	62,200	82,223	17,904	150	42,625	14	9,268
5	Delaware	17	1,011,589	351,275	61,875	175,500	113,900	660,314	31,277	209	81,068	22	14,735
6	District of Columbia	3	73,570	15,380	3,000	2,000	10,380	58,190	4,995	31	11,450	2	1,664
7	Florida	3	14,705	5,500	300	3,450	1,750	9,205	1,059	28	9,905	5	5,600
8	Georgia	44	5,501,881	1,701,587	241,516	824,713	635,358	3,800,294	468,599	1,428	484,589	164	158,578
9	Illinois	4	914,844	251,749	55,867	102,582	93,300	663,095	53,226	278	200,574	30	57,979
10	Indiana	5	86,120	23,050	6,500	8,650	7,900	63,070	7,215	32	16,592	6	7,130
11	Kentucky	4	234,585	79,500	29,000	32,000	18,500	155,085	15,382	62	31,665	16	12,491
12	Louisiana	3	582,347	135,000	21,000	66,500	47,500	447,347	24,916	105	59,598	7	22,350
13	Maine	6	74,530	20,490	3,400	4,300	12,790	54,040	4,354	44	12,970	8	4,030
14	Maryland	53	6,935,914	1,843,383	430,075	852,100	561,208	5,092,531	459,109	1,232	711,548	179	218,216
15	Massachusetts	16	1,720,605	165,000	18,500	66,350	80,150	1,555,605	54,910	381	204,427	29	36,576
16	Michigan	3	673,900	291,800	19,000	101,100	171,700	382,100	53,979	210	81,400	14	13,220
17	Mississippi	3	180,532	42,600	8,000	17,600	17,000	137,932	6,650	58	13,248	6	2,100
18	Missouri	4	209,658	112,835	15,159	41,890	55,786	96,823	14,362	95	49,416	7	8,800
19	New Jersey	27	3,705,914	1,425,296	332,350	605,682	487,264	2,280,618	186,485	1,088	591,208	123	138,481
20	New York	31	3,895,779	1,078,212	220,784	531,800	325,628	2,817,567	217,514	800	483,717	110	158,711
21	North Carolina	12	1,513,142	382,652	31,857	192,300	158,495	1,130,490	89,316	374	119,494	29	29,092
22	Ohio	22	1,182,510	464,650	105,302	183,196	176,152	717,860	73,413	381	191,029	53	40,427
23	Pennsylvania	49	2,719,898	1,476,061	612,364	411,183	452,514	1,243,837	304,660	745	344,238	89	67,299
24	South Carolina	20	5,920,218	2,215,289	444,400	1,055,783	715,106	3,704.929	490,335	1,182	492,015	80	105,630
25	Tennessee	4	380,191	134,764	33,000	78,511	23,253	245,427	44,320	78	29,100	7	7,500
26	Virginia	28	1,795,303	525,200	117,300	245,850	162,050	1,270,103	84,556	677	260,939	86	96,872
27	All other states and territories. (a)	9	80,460	44,150	4,050	23,200	16,900	36,310	14,890	112	36,298	9	7,680

a Includes establishments distributed as follows: Colorado, 1; Iowa, 1; Minnesota, 1; New Hampshire, 1; Texas, 1; Utah, 1; Vermont, 1; West Virginia, 1; Wisconsin, 1.

120.—FILES. (See also Cutlery and edge tools.)

1	The United States...	140	2,991,988	1,776,196	265,970	486,804	1,023,425	1,215,789	130,310	2,666	1,445,941	222	224,439
2	Connecticut	8	49,448	21,150	7,900	4,550	8,700	28,298	1,265	60	33,624	17	12,698
3	Maine	3	3,884	1,500	.....	600	900	2,384	473	9	4,892	3	1,600
4	Maryland	3	5,200	3,450	.....	.....	3,450	1,750	972	8	5,076	4	2,580
5	Massachusetts	23	102,617	66,137	18,562	26,510	21,065	36,480	11,569	158	84,803	21	15,349
6	Michigan	4	51,745	21,300	2,500	10,000	8,800	30,445	2,094	57	29,683	7	5,810
7	Missouri	3	19,100	8,200	.....	.....	8,200	10,900	1,470	29	17,739	8	7,300
8	New Jersey	8	444,845	267,846	31,858	73,464	162,524	176,999	12,920	470	285,972	24	24,192
9	New York	29	347,265	170,933	20,800	35,400	114,733	176,332	33,828	390	202,894	39	30,470
10	Ohio	10	18,991	8,800	.....	.....	8,800	10,191	2,420	71	34,540	11	6,720
11	Pennsylvania	26	1,257,166	787,183	114,600	174,480	498,103	469,983	48,752	900	478,582	48	77,062
12	Rhode Island	9	602,660	369,800	56,650	154,800	159,450	232,860	19,263	410	212,187	23	27,007
13	Wisconsin	3	21,510	13,000	6,300	1,900	4,800	8,510	1,079	33	16,855	4	5,075
14	All other states and territories. (a)	11	67,557	36,900	7,400	5,600	23,900	30,657	3,196	71	39,094	13	8,576

a Includes establishments distributed as follows: District of Columbia, 1; Illinois, 2; Indiana, 1; Iowa, 1; Kentucky, 1; Minnesota, 1; New Hampshire, 2; Vermont, 1; West Virginia, 1.

STATES AND TERRITORIES: 1890—Continued.

118.—FELT GOODS. (See also Woolen goods, and special report on Wool manufacture in Part III.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecoworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
4	$1,430	1,356	$652,059	346	$91,634	123	$19,410	118	$69,737	160	$42,639	39	$7,901	$2,809,937	$4,654,768	1
.....	.....	284	111,486	34	7,591	8	1,606	.....	.....	.....	.....	.....	.....	637,928	918,890	2
3	1,190	454	206,912	136	38,701	40	6,240	42	25,790	100	24,197	1	93	807,276	1,517,199	3
.....	.....	108	57,354	39	9,907	13	2,200	.....	.....	7	1,200	.....	.....	209,497	406,700	4
1	240	73	73,200	4	802	38	6,396	28	17,026	4	1,040	18	2,808	138,736	322,800	5
.....	.....	437	203,107	133	34,633	24	2,968	48	26,921	49	16,202	20	5,000	1,016,500	1,489,179	8

119.—FERTILIZERS. (See also Chemicals, and special report on Chemicals and allied products in Part III.)

10	4,377	8,838	3,376,671	88	25,914	70	9,966	25	5,219	.....	.....	5	100	25,113,874	39,180,844	1
.....	.....	230	42,835	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	519,713	765,000	2
.....	.....	111	44,728	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	179,975	284,500	3
.....	.....	134	32,772	2	585	.....	.....	.....	.....	.....	.....	.....	.....	247,912	330,450	4
.....	.....	185	66,258	.....	.....	.....	.....	2	75	.....	.....	.....	.....	696,185	1,018,438	5
.....	.....	23	8,652	.....	.....	.....	.....	6	1,134	.....	.....	.....	.....	76,700	93,300	8
.....	.....	23	4,305	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74,075	86,137	7
.....	.....	1,255	324,479	4	1,248	5	284	.....	.....	.....	.....	.....	.....	3,098,883	5,026,034	8
.....	.....	248	142,595	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	297,685	924,758	9
.....	.....	26	9,462	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	156,945	216,812	10
1	700	45	18,474	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	172,869	258,169	11
.....	.....	88	34,908	10	2,340	.....	.....	.....	.....	.....	.....	.....	.....	157,703	263,678	12
.....	.....	33	8,770	.....	.....	.....	.....	3	170	.....	.....	.....	.....	41,603	69,020	13
2	650	1,043	489,612	4	2,080	.....	.....	4	990	.....	.....	.....	.....	3,984,178	6,208,025	14
.....	.....	351	167,676	1	175	.....	.....	.....	.....	.....	.....	.....	.....	1,119,951	1,910,920	15
1	380	185	66,760	.....	.....	10	1,040	.....	.....	.....	.....	.....	.....	594,767	753,585	16
.....	.....	52	11,148	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	277,005	326,650	17
.....	.....	87	40,382	1	234	.....	.....	.....	.....	.....	.....	.....	.....	124,823	212,716	18
2	1,205	927	440,686	36	10,836	.....	.....	.....	.....	.....	.....	.....	.....	2,882,809	4,319,088	19
.....	.....	686	324,390	2	416	2	200	.....	.....	.....	.....	.....	.....	2,138,915	3,498,291	20
2	542	333	87,960	.....	.....	10	1,900	.....	.....	.....	.....	.....	.....	656,769	994,135	21
.....	.....	323	148,007	.....	.....	1	95	4	2,506	.....	.....	.....	.....	840,787	1,287,101	22
.....	.....	639	273,925	2	1,000	8	1,664	2	250	.....	.....	5	100	2,032,218	2,957,316	23
.....	.....	1,097	386,250	.....	.....	1	35	4	100	.....	.....	.....	.....	2,754,407	4,417,658	24
1	600	56	16,000	14	5,000	.....	.....	.....	.....	.....	.....	.....	.....	151,100	267,900	25
1	300	600	163,767	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,739,138	2,475,838	26
.....	.....	58	21,870	12	2,000	33	4,748	.....	.....	.....	.....	.....	.....	96,759	217,525	27

120.—FILES. (See also Cutlery and edge tools.)

9	3,926	1,428	751,731	47	17,113	103	17,818	830	423,968	27	6,946	.....	.....	1,038,943	3,179,649	1
.....	.....	19	9,749	.....	.....	.....	.....	24	11,177	.....	.....	.....	.....	13,402	59,711	2
.....	.....	3	1,300	.....	.....	.....	.....	3	1,992	.....	.....	.....	.....	999	7,720	3
.....	.....	4	2,496	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,350	9,600	4
3	1,144	93	50,438	2	905	1	187	38	16,780	.....	.....	.....	.....	26,310	147,442	6
.....	.....	48	23,041	.....	.....	.....	.....	2	832	.....	.....	.....	.....	64,111	109,350	6
2	364	19	10,075	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,985	29,150	7
4	2,418	360	211,374	.....	.....	.....	.....	82	47,988	.....	.....	.....	.....	217,970	699,773	8
.....	.....	191	97,604	1	300	8	1,356	151	73,164	.....	.....	.....	.....	115,269	431,487	9
.....	.....	37	17,794	.....	.....	2	350	21	9,676	.....	.....	.....	.....	8,236	55,847	10
.....	.....	402	204,967	7	1,908	68	11,045	354	178,354	21	5,246	.....	.....	434,555	1,097,807	11
.....	.....	192	93,275	37	14,000	17	3,800	135	72,405	6	1,700	.....	.....	128,625	405,380	12
.....	.....	27	10,980	.....	.....	.....	.....	2	800	.....	.....	.....	.....	11,991	54,082	13
.....	.....	33	18,638	.....	.....	7	1,080	18	10,800	.....	.....	.....	.....	13,140	72,300	14

TABLE 5.—SPECIFIED INDUSTRIES, BY

121.—FIREARMS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks. Males above 16 years.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.	Number.	Wages.
1	The United States...	34	$4,672,424	$2,755,496	$418,900	$630,350	$1,706,246	$1,916,928	$202,656	2,759	$1,700,205	95	$120,078
2	Connecticut	8	2,242,200	1,496,600	246,000	338,000	912,600	745,600	82,267	1,198	784,217	34	51,208
3	Massachusetts	13	1,530,539	847,096	121,150	170,000	555,946	683,443	66,158	1,134	682,030	35	39,050
4	New York	6	756,395	315,900	31,200	99,200	185,500	440,495	47,678	356	192,076	19	24,180
5	Pennsylvania	3	125,000	84,500	20,500	23,000	41,000	40,500	2,635	43	27,608	3	1,740
6	All other states (a)	4	18,290	11,400	50	150	11,200	6,890	3,918	28	14,274	4	3,900

a Includes establishments distributed as follows: Maryland, 2; Michigan, 1; New Hampshire, 1.

122.—FIRE EXTINGUISHERS, CHEMICAL.

1	The United States...	9	405,733	48,530	4,500	16,000	28,030	357,203	18,859	82	57,878	25	31,684
2	Illinois	3	81,400	5,300	.....	.....	5,300	76,100	2,218	15	11,114	4	6,175
3	All other states (a)	6	324,333	43,230	4,500	16,000	22,730	281,103	16,641	67	46,764	21	25,509

a Includes establishments distributed as follows: Maryland, 1; Massachusetts, 2; Michigan, 1; New York, 1; Pennsylvania, 1.

123.—FIREWORKS.

1	The United States...	22	507,266	214,435	73,900	93,675	46,860	292,831	25,483	557	213,103	37	46,705
2	Massachusetts	4	73,691	48,800	15,000	26,000	7,800	24,891	6,266	57	20,525	.....	.....
3	New York	4	245,400	115,400	46,000	44,000	25,400	130,000	11,409	268	95,824	6	9,200
4	All other states (a)	14	188,175	50,235	12,900	23,675	13,660	137,940	7,808	232	96,754	31	37,505

a Includes establishments distributed as follows: California, 2; Connecticut, 1; Illinois, 1; Louisiana, 1; Maryland, 2; Minnesota, 1; Missouri, 1; New Jersey, 1; Ohio, 1; Pennsylvania, 2; Virginia, 1.

124.—FISH, CANNING AND PRESERVING. (See also Food preparations.)

1	The United States...	110	3,186,975	1,421,730	466,970	467,340	487,420	1,765,245	280,660	5,202	1,248,396	177	117,823
2	California	3	47,070	12,100	3,250	4,250	4,600	34,970	1,906	79	15,254	5	2,815
3	District of Columbia	3	5,530	2,730	1,700	800	230	2,800	391	8	3,146	3	1,600
4	Maine	35	527,420	219,085	23,550	110,300	85,235	308,335	94,712	2,391	471,643	49	23,837
5	Massachusetts	29	741,301	122,830	34,575	60,500	27,755	618,471	36,917	632	262,112	26	24,744
6	Ohio	5	18,404	4,425	300	1,125	3,000	13,979	1,364	23	9,190	6	3,910
7	Oregon	15	1,365,800	867,050	372,000	220,000	275,050	498,750	92,972	1,524	330,186	51	29,362
8	Pennsylvania	5	37,250	20,100	3,800	11,000	5,300	17,150	5,175	30	18,090	6	4,190
9	Washington	7	320,790	115,360	14,945	53,615	46,800	205,430	33,801	331	72,475	15	8,655
10	All other states (a)	8	123,410	58,050	12,850	5,750	39,450	65,360	13,422	184	66,300	16	18,710

a Includes establishments distributed as follows: Michigan, 1; Minnesota, 2; New Jersey, 2; New York, 2; Virginia, 1.

125.—FLAGS AND BANNERS. (See also Regalia and society banners and emblems.)

1	The United States...	29	376,150	153,945	73,800	42,950	37,195	222,185	20,098	364	142,625	41	44,936
2	Massachusetts	4	16,240	540	.....	.....	540	15,700	1,464	14	8,674	2	1,800
3	New York	17	308,515	124,955	65,400	35,350	24,205	183,560	12,624	304	111,643	27	33,220
4	Pennsylvania	3	19,700	12,500	400	600	11,500	7,200	2,015	28	11,652	4	4,330
5	All other states (a)	5	31,675	15,950	8,000	7,000	950	15,725	3,995	18	10,656	8	5,586

a Includes establishments distributed as follows: Kentucky, 1; Louisiana, 3; South Carolina 1.

STATES AND TERRITORIES: 1890—Continued.

121.—FIREARMS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
4	$4,196	2,277	$1,376,575	12	$3,816	9	$1,680	360	$193,585	2	$275	.....	.....	$485,946	$2,922,514	1
2	1,196	899	595,307	4	1,248	.....	.....	259	135,258	.....	.....	.....	.....	159,390	1,120,075	2
.....	.....	1,038	606,531	3	1,248	7	1,180	51	34,021	.....	.....	.....	.....	208,716	1,250,302	3
.....	.....	283	144,425	4	1,170	2	500	46	21,526	2	275	.....	.....	93,160	435,287	4
2	3,000	33	19,938	1	150	.....	.....	4	2,780	.....	.....	.....	.....	19,800	88,864	5
.....	.....	24	10,374	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,880	27,986	6

122.—FIRE EXTINGUISHERS, CHEMICAL.

1	600	55	25,279	1	315	.....	.....	.....	.....	.....	.....	.....	.....	57,736	195,834	1
1	600	9	4,024	1	315	.....	.....	.....	.....	.....	.....	.....	.....	16,510	47,100	2
.....	.....	46	21,255	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41,226	148,734	3

123.—FIREWORKS.

2	1,100	281	111,407	185	46,689	32	4,798	8	892	12	1,512	.....	.....	188,932	592,542	1
.....	.....	28	14,389	17	4,168	12	1,968	.....	.....	.....	.....	.....	.....	22,555	64,750	2
.....	.....	169	66,167	84	18,967	5	490	.....	.....	4	1,000	.....	.....	72,246	264,200	3
2	1,100	84	30,851	84	23,554	15	2,340	8	892	8	512	.....	.....	94,137	263,592	4

124.—FISH, CANNING AND PRESERVING. (See also Food preparations.)

5	2,430	1,904	541,678	335	49,451	81	5,720	1,883	445,011	506	71,608	311	$14,675	4,710,709	6,972,268	1
.....	.....	33	2,200	16	1,660	.....	.....	25	8,579	.....	.....	.....	.....	20,475	44,120	2
.....	.....	5	1,546	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,006	11,302	3
.....	.....	581	156,982	175	20,507	45	3,000	770	192,198	460	60,444	311	14,675	900,674	1,660,881	4
3	1,050	169	86,944	109	20,904	.....	.....	279	117,306	46	11,164	.....	.....	2,031,863	2,537,088	5
.....	.....	6	3,500	3	680	8	1,100	.....	.....	.....	.....	.....	.....	21,388	42,759	6
.....	.....	892	206,196	.....	.....	6	200	575	94,428	.....	.....	.....	.....	1,066,127	1,643,324	7
2	1,380	22	12,520	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	91,885	126,370	8
.....	.....	72	30,320	.....	.....	10	1,000	234	32,500	.....	.....	.....	.....	346,532	525,000	9
.....	.....	124	41,470	32	5,700	12	420	.....	.....	.....	.....	.....	.....	224,759	381,424	10

125.—FLAGS AND BANNERS. (See also Regalia and society banners and emblems.)

2	1,500	101	45,241	97	35,178	6	936	34	8,184	83	6,650	.....	.....	195,587	455,849	1
.....	.....	9	5,886	3	988	.....	.....	.....	.....	.....	.....	.....	.....	12,721	31,940	2
.....	.....	86	35,467	75	28,520	6	936	30	7,600	80	5,900	.....	.....	147,776	345,625	3
.....	.....	3	1,508	15	4,680	.....	.....	3	384	3	750	.....	.....	17,385	38,000	4
2	1,500	3	2,380	4	990	.....	.....	1	200	.....	.....	.....	.....	17,705	40,284	5

TABLE 5.—SPECIFIED INDUSTRIES, BY

126.—FLAVORING EXTRACTS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	148	$1,361,800	$225,650	$42,640	$41,660	$141,350	$1,136,150	$153,406	769	$441,786	237	$222,294
2	California	6	99,800	29,400	----	----	29,400	70,400	10,128	45	26,445	10	10,310
3	Connecticut	5	9,050	1,050	----	----	1,050	8,000	1,876	13	5,322	4	2,424
4	Illinois	9	102,425	15,175	----	2,500	12,675	87,250	13,407	64	28,645	14	8,960
5	Maine	3	38,650	4,950	200	1,000	3,750	33,700	1,580	15	6,075	3	2,400
6	Maryland	4	15,700	1,900	----	----	1,900	13,800	1,563	14	6,356	2	2,800
7	Massachusetts	21	120,042	33,104	11,400	6,800	14,904	86,938	26,260	77	49,489	28	23,962
8	Michigan	6	70,725	10,525	5,000	1,000	4,525	60,200	6,647	27	14,668	8	7,040
9	Missouri	4	35,328	1,335	----	----	1,335	33,993	2,727	15	13,058	7	9,000
10	New York	41	362,240	48,506	10,010	9,990	28,506	313,734	37,169	204	126,214	69	61,153
11	Ohio	15	69,190	12,955	3,500	1,800	7,655	56,235	11,173	76	41,958	26	22,710
12	Pennsylvania	15	217,855	15,375	----	----	15,375	202,480	24,596	86	56,570	21	26,033
13	Wisconsin	4	43,300	2,800	----	----	2,800	40,500	5,082	28	16,020	9	10,680
14	All other states and territories. (a)	15	177,495	48,575	12,530	18,570	17,475	128,920	11,198	105	50,666	36	31,822

a Includes establishments distributed as follows: District of Columbia, 1; Indiana, 2; Iowa, 1; Kansas, 1; Kentucky, 1; Louisiana, 1; Minnesota, 1; New Hampshire, 2; Rhode Island, 2; Virginia, 2; Washington, 1.

127.—FLAX, DRESSED.

1	The United States (a)...	6	1,361,635	867,810	201,010	204,200	462,600	493,825	45,567	517	227,123	19	28,100

a Includes establishments distributed as follows: Iowa, 1; Michigan, 1; New York, 2; Ohio, 2.

128.—FLOURING AND GRIST MILL PRODUCTS. (See Table 8.)

1	The United States...	18,470	208,473,500	136,539,851	23,776,931	41,730,612	71,032,308	71,933,649	13,162,037	63,481	27,035,742	15,912	8,824,109
2	Alabama	702	1,410,730	1,201,673	215,227	370,585	615,861	209,057	56,535	1,442	266,453	399	100,325
3	Arkansas	376	975,616	817,951	72,754	205,870	539,327	157,665	53,898	992	169,790	250	62,351
4	California	101	6,126,305	3,091,575	690,825	841,100	1,559,650	3,034,730	434,921	1,044	817,691	185	255,807
5	Colorado	33	2,135,085	1,295,600	269,000	432,700	593,900	839,485	126,540	291	199,780	45	59,226
6	Connecticut	177	1,516,008	853,197	210,325	364,785	277,997	662,991	61,924	450	225,562	162	96,175
7	Delaware	56	1,127,592	717,965	138,040	234,550	345,375	409,627	43,952	201	99,092	51	34,401
8	District of Columbia	6	698,417	285,000	96,000	36,000	153,000	413,417	30,748	149	85,718	25	27,218
9	Florida	60	143,884	115,598	16,243	30,650	68,705	28,286	5,850	100	30,438	35	9,845
10	Georgia	719	2,347,835	1,881,204	443,113	570,876	867,215	466,631	103,985	1,394	301,342	314	103,050
11	Idaho	13	228,405	170,910	15,410	55,668	99,832	57,495	8,270	63	31,333	11	7,490
12	Illinois	647	13,101,860	8,850,629	1,523,662	2,608,044	4,718,923	4,251,231	905,299	4,385	2,048,716	818	559,362
13	Indiana	723	10,022,173	7,083,517	893,408	1,985,025	4,205,084	2,938,656	723,134	3,640	1,606,892	844	516,548
14	Iowa	441	6,696,759	4,779,516	810,610	1,451,989	2,516,917	1,917,243	363,993	1,749	788,872	494	278,264
15	Kansas	348	7,844,280	5,085,043	798,485	1,409,039	2,886,519	2,759,237	599,986	2,069	1,053,505	440	316,093
16	Kentucky	505	4,285,649	2,865,558	375,522	919,770	1,570,266	1,420,091	272,583	1,816	633,747	485	236,527
17	Louisiana	19	33,995	28,070	2,160	4,950	20,960	5,925	1,680	48	7,619	7	813
18	Maine	210	1,194,900	674,817	161,350	242,322	271,145	520,083	53,632	463	186,420	200	90,776
19	Maryland	335	3,007,730	1,835,899	247,027	586,787	1,002,085	1,171,831	236,607	932	406,353	307	166,290
20	Massachusetts	238	2,908,303	1,290,336	354,821	495,922	439,593	1,617,967	169,674	770	386,153	237	132,106
21	Michigan	544	8,472,852	6,175,179	1,115,878	1,006,482	3,452,819	2,297,673	528,927	2,425	1,093,861	560	331,416
22	Minnesota	307	19,518,743	10,821,710	1,645,721	2,838,261	6,337,728	8,697,033	1,712,017	4,038	2,243,855	523	492,430
23	Mississippi	408	652,663	582,979	73,216	154,487	355,276	69,684	25,002	980	125,293	203	37,243
24	Missouri	710	12,630,645	7,297,422	928,172	2,035,988	4,333,262	5,333,223	966,124	3,855	1,811,395	836	558,144
25	Montana	7	277,900	123,510	22,460	43,500	57,550	154,390	6,037	34	27,651	10	9,738
26	Nebraska	185	3,586,090	2,555,245	401,410	727,055	1,426,780	1,030,845	204,134	922	475,741	226	150,553
27	New Hampshire	121	905,075	481,675	123,855	167,375	190,445	423,400	44,742	265	123,790	90	44,533
28	New Jersey	228	2,816,221	1,784,745	422,755	701,450	660,540	1,031,476	147,020	707	336,076	205	121,233
29	New Mexico	18	181,050	132,587	10,800	45,000	76,787	48,463	14,197	56	22,847	11	6,910
30	New York	1,235	21,128,597	12,833,987	2,927,690	4,266,898	5,639,489	8,294,610	1,410,681	4,607	2,430,231	1,203	823,093
31	North Carolina	1,039	2,334,130	2,122,316	463,604	629,600	1,029,112	211,814	67,793	1,721	391,576	595	184,694
32	North Dakota	35	1,154,040	564,245	35,770	200,175	328,300	589,795	82,509	275	151,650	55	43,602
33	Ohio	910	13,472,455	9,219,621	1,077,565	2,779,012	5,362,444	4,252,834	908,517	4,296	2,008,630	964	610,195
34	Oregon	86	2,247,589	1,426,143	210,330	418,750	797,063	821,246	189,421	399	237,035	117	85,364
35	Pennsylvania	2,226	21,079,642	14,036,517	2,568,364	5,191,047	6,277,106	7,043,125	865,868	5,149	2,102,181	1,758	827,854
36	Rhode Island	31	391,102	138,070	42,490	49,080	47,100	252,432	24,012	135	76,252	37	27,555
37	South Carolina	512	984,791	836,217	188,812	232,225	415,630	148,574	31,854	906	163,747	276	77,331
38	South Dakota	62	1,128,554	794,855	80,330	223,625	490,900	333,699	63,283	325	167,000	73	49,914
39	Tennessee	918	4,964,437	3,061,355	770,507	1,071,080	1,819,768	1,303,082	184,936	2,050	643,012	626	237,194
40	Texas	690	4,052,802	3,004,700	382,809	786,864	1,835,027	1,048,102	260,816	1,965	531,940	339	122,940
41	Utah	49	884,098	684,400	223,850	167,600	292,950	199,698	30,512	177	94,328	44	29,043
42	Vermont	217	1,343,356	904,719	151,265	393,210	360,244	438,637	49,906	405	162,966	153	67,099
43	Virginia	1,179	5,498,057	4,417,252	858,353	1,712,690	1,846,209	1,080,805	279,669	2,200	657,591	725	274,137
44	Washington	38	1,140,630	651,929	133,054	192,425	326,450	488,701	85,704	222	140,865	52	42,897
45	West Virginia	496	1,767,003	1,405,749	236,134	431,738	737,877	361,254	64,298	930	277,154	385	136,195
46	Wisconsin	497	9,804,761	6,783,707	1,338,577	1,767,482	3,077,648	3,021,054	646,648	2,300	1,172,505	524	371,015
47	Wyoming	6	128,225	89,019	5,738	35,781	47,500	39,206	6,744	18	11,495	4	2,340
48	All other states and territories. (a)	7	122,666	85,430	4,030	23,500	57,900	37,236	7,095	31	17,693	9	6,780

a Includes establishments distributed as follows: Arizona, 5; Indian territory

STATES AND TERRITORIES: 1890—Continued.

126.—FLAVORING EXTRACTS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
25	$10,777	333	$166,625	144	$32,879	16	$2,288	8	$5,647	6	$1,276	.....	.....	$1,430,120	$2,614,514	1
10	6,360	14	7,680	10	1,920	1	175	.....	.....	.....	.....	.....	.....	69,830	160,740	2
.....	.....	6	1,974	3	924	.....	.....	.....	.....	.....	.....	.....	.....	10,176	20,200	3
.....	.....	34	14,810	16	4,875	.....	.....	.....	.....	.....	.....	.....	.....	141,562	229,790	4
.....	.....	4	2,355	8	1,320	.....	.....	.....	.....	.....	.....	.....	.....	24,907	38,888	5
3	500	6	2,136	1	520	2	400	.....	.....	.....	.....	.....	.....	15,165	34,000	6
3	941	31	16,715	9	2,457	.....	.....	5	5,283	1	131	.....	.....	103,985	244,149	7
.....	.....	14	6,690	4	988	1	250	.....	.....	.....	.....	.....	.....	51,434	106,116	8
.....	.....	8	4,058	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,314	78,799	9
3	976	98	52,475	28	7,379	1	130	1	60	4	1,041	.....	.....	286,988	590,127	10
3	788	26	13,516	19	4,614	1	130	1	200	.....	.....	.....	.....	101,676	194,900	11
2	312	46	26,508	11	2,814	6	903	.....	.....	.....	.....	.....	.....	432,164	616,212	12
.....	.....	11	4,140	8	1,200	.....	.....	.....	.....	.....	.....	.....	.....	30,024	73,850	13
1	900	35	13,568	27	3,868	4	300	1	104	1	104	.....	.....	113,895	224,743	14

127.—FLAX, DRESSED.

1	300	217	114,624	255	82,020	25	2,079	.....	.....	.....	.....	.....	.....	638,285	981,283	1

128.—FLOURING AND GRIST MILL PRODUCTS. (See Table 8.)

166	73,231	45,892	17,755,268	215	50,665	204	21,718	997	291,197	93	19,488	2	$66	434,152,290	513,971,474	1
.....	.....	1,012	155,243	3	180	6	282	22	1,429	.....	.....	.....	.....	2,471,828	3,060,452	2
.....	.....	723	106,101	.....	.....	8	318	11	1,020	.....	.....	.....	.....	2,041,587	2,498,168	3
4	2,584	841	555,042	3	860	6	1,122	1	276	4	2,000	.....	.....	12,047,810	14,200,320	4
.....	.....	244	149,192	.....	.....	1	312	1	50	.....	.....	.....	.....	3,155,919	3,898,166	5
2	728	284	128,384	1	200	1	75	.....	.....	.....	.....	.....	.....	2,387,155	2,904,244	6
.....	.....	146	54,991	.....	.....	3	600	1	100	.....	.....	.....	.....	1,404,485	1,675,040	7
.....	.....	124	58,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,359,888	1,564,062	8
.....	.....	149	20,218	1	50	.....	.....	5	325	.....	.....	.....	.....	150,135	198,110	9
2	328	1,052	196,456	2	156	21	1,322	3	30	.....	.....	.....	.....	4,356,700	5,190,311	10
.....	.....	50	23,123	.....	.....	.....	.....	2	720	.....	.....	.....	.....	262,811	376,946	11
17	8,400	3,344	1,420,681	24	6,610	18	2,080	162	50,683	2	900	.....	.....	31,733,747	37,974,885	12
11	4,130	2,716	1,064,132	14	3,241	7	900	47	17,916	1	25	.....	.....	26,603,127	31,239,627	13
7	3,194	1,203	500,244	1	200	11	1,435	10	2,675	23	2,860	.....	.....	9,786,174	11,833,737	14
6	3,354	1,603	730,084	3	483	6	536	11	2,955	.....	.....	.....	.....	14,285,990	17,420,475	15
3	1,414	1,280	384,218	4	215	11	928	33	10,445	.....	.....	.....	.....	7,917,917	9,681,259	16
.....	.....	40	6,656	.....	.....	.....	.....	1	150	.....	.....	.....	.....	41,836	57,964	17
1	300	256	94,499	.....	.....	.....	.....	6	845	.....	.....	.....	.....	2,806,869	3,254,690	18
.....	.....	597	233,256	1	175	4	140	13	4,392	10	2,100	.....	.....	5,778,873	6,901,888	19
9	3,123	512	245,906	4	1,018	.....	.....	8	4,000	.....	.....	.....	.....	5,959,480	6,906,493	20
13	5,377	1,809	744,880	3	658	9	832	31	10,698	.....	.....	.....	.....	19,462,779	22,778,829	21
6	3,310	3,401	1,711,400	3	555	3	100	162	36,060	.....	.....	.....	.....	52,383,867	60,158,088	22
.....	.....	733	86,011	1	80	2	91	37	1,764	3	78	1	26	1,009,335	1,219,669	23
8	4,160	2,880	1,215,381	5	803	16	1,751	63	19,896	47	11,260	.....	.....	29,210,639	34,486,795	24
.....	.....	24	17,913	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	237,245	302,965	25
6	1,880	670	319,640	.....	.....	5	918	15	2,750	.....	.....	.....	.....	5,031,858	6,365,492	26
1	520	163	72,337	.....	.....	.....	.....	11	6,350	.....	.....	.....	.....	2,061,208	2,358,616	27
2	1,000	490	211,269	2	500	2	304	5	1,570	1	200	.....	.....	5,026,694	5,928,352	28
1	65	44	15,872	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	208,607	307,805	29
15	7,970	3,274	1,559,673	28	7,604	6	1,020	81	30,871	.....	.....	.....	.....	44,890,115	52,550,744	30
2	936	1,094	203,581	1	50	3	390	26	1,925	.....	.....	.....	.....	4,379,218	5,279,068	31
.....	.....	218	107,661	.....	.....	2	387	.....	.....	.....	.....	.....	.....	2,152,006	2,624,198	32
21	8,728	3,123	1,332,902	93	23,810	5	604	90	32,391	.....	.....	.....	.....	33,418,856	39,468,409	33
1	1,200	267	144,254	.....	.....	1	125	12	6,952	.....	.....	1	40	3,386,917	4,184,473	34
13	4,336	3,327	1,260,762	8	1,679	20	2,653	22	4,857	1	40	.....	.....	33,238,981	39,478,076	35
.....	.....	97	48,447	.....	.....	1	250	.....	.....	.....	.....	.....	.....	1,168,188	1,349,843	36
.....	.....	605	85,330	.....	.....	4	254	21	832	.....	.....	.....	.....	1,726,896	2,083,126	37
1	720	248	115,976	3	390	.....	.....	.....	.....	.....	.....	.....	.....	2,308,721	2,793,701	38
7	2,860	1,385	394,753	.....	.....	3	235	28	7,945	1	25	.....	.....	10,592,752	12,474,284	39
.....	.....	1,597	407,507	1	40	10	308	18	1,145	.....	.....	.....	.....	8,294,003	9,903,455	40
.....	.....	129	64,710	.....	.....	.....	.....	4	575	.....	.....	.....	.....	1,160,641	1,468,681	41
1	182	249	95,235	1	250	.....	.....	1	200	.....	.....	.....	.....	2,452,944	2,890,174	42
.....	.....	1,450	378,112	1	96	4	656	20	4,590	.....	.....	.....	.....	9,849,144	11,716,356	43
.....	.....	155	94,331	.....	.....	.....	.....	15	3,637	.....	.....	.....	.....	2,013,304	2,460,809	44
.....	.....	539	139,986	1	52	.....	.....	5	921	.....	.....	.....	.....	3,228,786	3,902,994	45
6	2,432	1,710	780,451	3	710	4	640	53	17,257	.....	.....	.....	.....	20,420,677	24,252,297	46
.....	.....	14	9,155	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125,265	157,251	47
.....	.....	21	10,763	.....	.....	1	150	.....	.....	.....	.....	.....	.....	100,313	157,087	48

TABLE 5.—SPECIFIED INDUSTRIES, BY

129.—FOOD PREPARATIONS. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving; Oysters, canning and preserving.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	302	$6,715,535	$3,040,819	$662,661	$999,885	$1,378,273	$3,674,716	$881,628	4,152	$1,818,835	632	$580,123
2	California	20	244,014	131,164	24,750	33,609	72,814	112,850	44,721	165	97,063	32	25,433
3	Connecticut	3	22,985	4,778			4,778	18,207	17,450	32	15,369	5	4,545
4	Illinois	24	598,553	288,050	27,000	93,000	168,050	310,503	120,154	451	209,315	68	70,259
5	Iowa	8	579,866	325,385	31,318	118,720	175,347	254,481	35,700	177	77,618	26	16,122
6	Maine	3	17,557	6,260	1,050	2,075	3,135	11,297	2,024	48	4,118	4	998
7	Maryland	4	56,180	16,640	1,090	1,790	13,760	30,540	4,810	30	12,964	6	3,224
8	Massachusetts	29	860,303	396,152	150,200	138,950	107,002	464,151	75,321	499	218,327	65	75,549
9	Michigan	8	64,949	37,575	7,900	14,050	15,625	27,374	3,814	71	23,134	18	10,565
10	Minnesota	4	30,672	21,850	4,500	5,000	12,350	8,822	1,500	17	5,958	5	3,040
11	Missouri	18	312,846	85,435	20,000	14,700	50,735	227,411	23,158	280	119,250	46	46,942
12	New Jersey	15	140,950	106,210	20,025	52,400	33,785	34,740	5,827	101	41,331	19	11,689
13	New York	69	1,503,329	728,586	191,123	266,150	271,313	774,743	267,885	968	473,530	170	163,645
14	Ohio	35	384,145	179,510	49,925	52,900	76,685	204,635	38,945	326	120,227	54	42,964
15	Pennsylvania	35	701,295	297,482	70,600	84,900	141,982	403,813	60,772	476	178,908	58	47,576
16	Rhode Island	4	2,297	1,550			1,550	747	1,000	13	3,403	4	1,450
17	Texas	3	116,330	58,600	16,000	25,500	17,100	57,730	13,120	70	35,365	12	15,600
18	Wisconsin	8	117,791	76,492	10,180	26,450	39,862	41,299	53,771	93	26,683	14	7,429
19	All other states (a)	12	961,473	279,100	37,000	69,700	172,400	682,373	111,647	334	154,332	26	33,093

a Includes establishments distributed as follows: Colorado, 2; Delaware, 1; Georgia, 1; Indiana, 2; Louisiana, 1; Nebraska, 1; South Carolina, 1; Vermont, 1; Virginia, 1; Washington, 1.

130.—FOUNDRY AND MACHINE SHOP PRODUCTS. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)

1	The United States...	6,475	382,798,337	187,048,990	41,014,439	51,032,859	95,001,692	195,749,347	24,637,980	247,754	148,389,063	16,071	18,923,521
2	Alabama	41	2,355,253	1,618,153	468,062	517,730	632,361	737,100	113,262	1,551	844,044	88	107,550
3	Arkansas	18	393,757	244,050	74,475	45,775	123,800	149,707	30,736	271	178,255	34	38,298
4	California	154	5,841,098	3,050,010	654,300	377,668	2,018,048	2,791,082	379,824	3,502	2,944,129	308	386,942
5	Colorado	31	1,823,691	1,191,559	434,700	231,050	525,809	632,132	84,193	824	686,007	70	94,462
6	Connecticut	193	13,523,724	6,775,486	1,058,258	1,978,332	3,738,896	6,748,238	951,626	9,156	5,693,719	492	651,682
7	Delaware	25	3,248,901	1,960,506	660,895	465,426	834,185	1,288,395	142,584	1,587	929,014	85	113,835
8	District of Columbia	16	447,033	299,233	129,900	37,533	131,800	147,800	16,187	311	172,297	21	22,199
9	Florida	9	158,625	116,300	44,300	17,500	54,500	42,325	6,219	146	87,257	15	15,020
10	Georgia	52	2,107,969	1,121,842	348,450	260,450	512,942	988,127	124,362	1,743	842,449	110	109,524
11	Illinois	408	29,726,767	13,978,649	3,573,957	3,709,179	6,695,513	15,748,118	2,220,217	18,538	10,919,656	1,280	1,440,187
12	Indiana	206	9,183,357	3,857,508	795,910	1,268,226	1,793,372	5,305,849	490,140	6,417	3,245,485	489	469,366
13	Iowa	126	3,032,277	1,703,045	309,634	456,064	937,347	1,329,232	172,788	2,376	1,289,579	230	221,672
14	Kansas	69	2,624,807	1,412,892	395,750	412,473	604,669	1,211,915	145,683	1,631	1,053,340	129	137,982
15	Kentucky	65	5,109,609	2,371,974	616,750	823,104	932,120	2,737,635	289,727	3,144	1,747,719	191	231,411
16	Louisiana	49	1,658,159	950,068	304,350	197,875	447,843	708,091	59,371	1,207	795,488	109	134,052
17	Maine	82	3,024,473	1,658,596	294,647	399,670	964,279	1,365,877	180,559	1,903	1,041,663	131	123,401
18	Maryland	81	4,669,891	2,060,226	394,150	515,934	1,159,142	2,600,665	241,148	3,593	1,913,027	235	245,272
19	Massachusetts	711	36,621,187	15,315,793	2,682,633	4,419,041	8,214,119	21,305,394	3,040,866	25,027	15,492,917	1,584	1,924,541
20	Michigan	260	14,331,924	5,865,737	1,386,813	1,892,412	2,786,512	8,466,187	682,510	8,560	4,813,012	639	675,666
21	Minnesota	92	2,403,725	1,278,287	413,717	268,064	596,506	1,125,438	140,618	1,469	979,142	175	180,923
22	Mississippi	18	389,700	170,050	52,100	44,500	73,450	219,650	34,884	291	168,244	36	36,482
23	Missouri	186	11,708,878	5,468,969	1,672,794	1,403,684	2,390,491	6,241,909	991,125	7,339	4,538,346	566	719,721
24	Montana	4	230,739	134,106	55,150	28,600	50,356	96,633	2,883	98	77,235	12	13,300
25	Nebraska	34	909,315	761,950	294,890	112,035	295,025	207,365	30,909	485	338,654	47	56,620
26	New Hampshire	76	3,858,689	1,878,520	462,365	479,263	936,892	1,780,169	131,513	2,174	1,115,065	133	141,511
27	New Jersey	249	19,084,636	10,087,903	1,744,389	2,779,369	5,564,145	8,996,733	947,217	13,432	7,057,672	628	793,508
28	New York	1,081	68,086,728	32,065,624	6,525,294	8,606,239	16,934,091	36,021,104	4,637,952	42,098	27,162,924	2,884	3,878,406
29	North Carolina	28	684,180	284,965	45,510	83,350	156,105	399,215	26,457	482	201,630	44	32,955
30	North Dakota	5	43,100	25,000	5,700	6,800	12,500	18,100	3,955	37	25,960	5	5,856
31	Ohio	600	32,580,798	14,653,743	2,723,040	4,543,521	7,387,173	17,936,055	2,633,738	26,628	15,053,449	1,760	1,970,442
32	Oregon	23	914,986	540,885	188,900	43,700	308,085	374,301	48,802	498	418,665	41	80,321
33	Pennsylvania	886	59,121,468	36,524,455	8,170,887	10,347,600	17,996,968	32,597,013	3,672,673	40,635	24,058,082	2,322	2,541,806
34	Rhode Island	101	11,377,475	6,672,870	1,373,238	1,981,489	3,318,145	4,704,605	525,136	7,212	4,219,521	328	402,578
35	South Carolina	17	516,175	274,466	45,150	58,190	171,120	241,709	18,419	367	198,603	20	23,550
36	South Dakota	5	61,790	48,520	18,200	7,800	22,520	13,270	885	24	14,499	1	1,500
37	Tennessee	68	4,348,579	2,110,740	720,075	550,472	831,193	2,237,839	228,927	2,810	1,414,049	187	206,127
38	Texas	59	1,530,156	734,266	232,300	176,756	325,210	795,890	80,101	859	607,498	74	92,795
39	Utah	11	194,718	138,185	47,100	17,650	73,435	56,533	9,932	159	122,178	11	11,535
40	Vermont	61	1,398,576	675,406	116,125	191,400	367,881	723,170	60,810	795	428,736	61	59,422
41	Virginia	59	3,238,122	2,033,455	228,280	345,825	1,459,350	1,204,667	129,639	2,082	1,034,024	111	119,706
42	Washington	27	938,780	639,650	174,050	134,400	331,200	299,130	58,766	557	496,222	42	50,690
43	West Virginia	30	482,040	293,770	68,190	71,500	154,080	189,170	27,737	390	198,614	35	29,038
44	Wisconsin	155	8,965,377	4,014,022	982,804	915,210	2,116,008	4,951,355	818,637	5,304	2,836,433	304	345,613
45	All other states and territories. (a)	4	57,205	40,750	8,250	10,000	22,500	16,455	4,263	42	33,661	4	6,100

a Includes establishments distributed as follows: Arizona, 1; Nevada, 1; New [illegible]

STATES AND TERRITORIES: 1890—Continued.

129.—FOOD PREPARATIONS. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving; Oysters, canning and preserving.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.															
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
42	$13,799	2,154	$927,748	966	$203,501	85	$13,132	82	$30,578	184	$46,234	7	$1,720	$8,129,925	$14,105,485	1
.....	.....	121	67,982	1	360	12	3,288	.....	.....	.....	.....	.....	.....	339,972	583,947	2
1	358	17	6,980	1	370	.....	.....	5	2,500	2	400	1	156	66,328	118,854	3
18	3,792	222	104,075	101	20,751	7	1,398	15	5,260	20	3,780	.....	.....	1,045,636	1,795,246	4
4	2,132	112	53,105	.....	.....	6	422	2	1,040	27	4,797	.....	.....	706,739	966,811	5
.....	.....	44	3,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,682	17,360	6
.....	.....	21	9,176	3	564	.....	.....	.....	.....	.....	.....	.....	.....	85,810	132,738	7
5	2,912	264	99,571	135	30,744	8	1,311	16	7,340	6	900	.....	.....	702,402	1,294,704	8
1	32	28	8,287	21	3,877	3	373	.....	.....	.....	.....	.....	.....	85,163	141,111	9
.....	.....	5	1,268	1	150	.....	.....	.....	.....	6	1,500	.....	.....	47,830	67,417	10
3	1,250	145	59,283	84	11,345	2	430	.....	.....	.....	.....	.....	.....	390,949	671,160	11
.....	.....	66	27,038	15	2,574	1	30	.....	.....	.....	.....	.....	.....	227,614	327,435	12
7	2,223	445	221,835	286	64,792	10	1,892	16	9,293	30	8,650	4	1,200	2,240,501	4,322,340	13
2	800	139	53,796	75	15,134	8	733	24	3,440	24	3,360	.....	.....	613,134	1,029,842	14
1	300	220	85,001	136	23,785	3	400	.....	.....	56	21,482	2	364	692,558	1,151,277	15
.....	.....	6	1,680	3	273	.....	.....	.....	.....	.....	.....	.....	.....	3,058	10,900	16
.....	.....	33	14,565	25	5,200	.....	.....	.....	.....	.....	.....	.....	.....	76,757	134,895	17
.....	.....	42	15,134	6	1,028	22	2,387	.....	.....	9	705	.....	.....	52,773	159,898	18
.....	.....	224	95,852	73	22,554	3	468	4	1,705	4	660	.....	.....	741,119	1,245,550	19

130.—FOUNDRY AND MACHINE SHOP PRODUCTS. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)

531	262,493	205,530	115,265,032	1,040	290,248	1,307	253,694	22,871	13,291,445	166	50,791	238	51,839	171,145,156	412,701,872	1
3	1,392	1,325	683,033	.....	.....	36	5,691	99	47,278	.....	.....	.....	.....	817,023	2,195,913	2
2	1,380	228	133,862	.....	.....	2	115	5	4,600	.....	.....	.....	.....	87,139	376,150	3
2	1,320	3,116	2,537,144	3	666	58	14,392	15	3,665	.....	.....	.....	.....	3,315,069	7,767,780	4
3	3,524	748	587,145	.....	.....	3	876	.....	.....	.....	.....	.....	.....	705,030	1,792,619	5
21	10,549	7,451	4,299,780	119	37,451	74	15,790	953	668,038	30	5,760	16	3,769	4,874,852	13,314,156	6
1	250	1,358	720,434	.....	.....	8	1,378	135	93,117	.....	.....	.....	.....	1,227,271	2,666,717	7
1	300	289	149,798	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	211,915	505,400	8
.....	.....	131	72,237	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47,058	152,259	9
1	624	1,663	729,173	.....	.....	29	3,128	.....	.....	.....	.....	.....	.....	753,299	2,272,653	10
58	33,953	14,833	8,093,184	45	11,010	187	37,664	2,130	1,302,458	.....	.....	5	1,200	17,313,882	38,898,114	11
24	11,876	5,404	2,545,768	4	1,395	33	5,408	463	211,672	.....	.....	.....	.....	4,018,760	9,542,499	12
4	1,192	1,771	929,198	201	52,360	23	3,799	147	81,358	.....	.....	.....	.....	1,454,164	3,432,360	13
1	300	1,395	820,172	.....	.....	7	1,680	99	93,206	.....	.....	.....	.....	1,214,567	2,756,825	14
6	3,342	2,295	1,136,104	12	2,444	53	8,478	587	365,940	.....	.....	.....	.....	2,667,393	5,565,321	15
3	1,650	1,078	655,748	.....	.....	2	288	15	3,750	.....	.....	.....	.....	922,559	2,151,586	16
4	1,448	1,723	895,309	3	900	2	725	40	19,880	.....	.....	.....	.....	1,139,070	2,628,572	17
6	1,848	2,923	1,503,818	.....	.....	28	5,866	401	156,223	.....	.....	.....	.....	1,875,508	4,925,672	18
64	34,608	21,703	12,472,976	160	51,886	15	2,822	1,474	997,659	25	8,100	2	325	14,447,803	38,906,680	19
29	12,355	6,595	3,443,348	11	3,194	55	9,072	1,206	663,710	18	4,329	7	1,344	5,491,366	13,363,030	20
5	2,644	1,257	777,584	2	1,000	2	185	28	16,806	.....	.....	.....	.....	1,080,332	2,835,024	21
1	600	243	128,774	1	400	6	788	4	1,200	.....	.....	.....	.....	307,257	591,951	22
19	10,651	5,792	3,208,152	20	5,600	55	9,911	887	584,311	.....	.....	.....	.....	5,819,009	13,680,773	23
.....	.....	86	63,935	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96,964	186,813	24
3	869	431	280,757	1	94	1	24	2	290	.....	.....	.....	.....	491,841	943,311	25
7	3,170	1,987	952,922	12	4,269	10	1,768	21	10,177	4	1,248	.....	.....	1,296,963	2,895,716	26
11	5,124	11,076	6,301,235	113	29,780	72	12,569	1,482	796,854	40	16,680	10	1,922	9,967,500	21,666,955	27
81	38,912	33,796	20,436,299	88	21,811	161	32,330	4,933	2,714,734	21	7,810	134	32,562	27,273,952	72,084,500	28
4	728	424	167,227	.....	.....	2	240	.....	.....	.....	.....	8	480	176,404	488,804	29
.....	.....	32	20,104	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,755	70,150	30
73	32,038	21,544	11,376,013	127	28,391	149	29,580	2,954	1,612,321	21	4,664	.....	.....	19,332,307	43,617,072	31
.....	.....	441	345,648	4	3,140	3	656	9	9,000	.....	.....	.....	.....	561,707	1,209,385	32
66	32,607	34,434	19,291,497	47	12,986	115	21,530	3,627	2,152,214	7	2,200	17	3,242	29,275,186	67,587,025	33
8	3,653	6,348	3,456,594	59	18,886	9	1,417	460	336,393	.....	.....	.....	.....	3,752,455	10,170,286	34
.....	.....	343	174,528	.....	.....	.....	.....	4	525	.....	.....	.....	.....	224,268	517,710	35
.....	.....	23	12,999	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,705	30,636	36
3	1,770	2,350	1,083,705	.....	.....	39	7,702	231	114,745	.....	.....	.....	.....	1,914,408	4,427,187	37
3	1,620	729	484,725	.....	.....	31	11,775	22	16,583	.....	.....	.....	.....	735,001	1,874,059	38
.....	.....	148	110,643	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100,450	260,237	39
1	300	716	365,252	4	1,300	6	1,042	5	1,210	.....	.....	2	210	438,053	1,199,067	40
.....	.....	1,916	885,074	.....	.....	4	600	51	28,644	.....	.....	.....	.....	1,206,227	2,739,695	41
.....	.....	514	445,512	.....	.....	1	120	.....	.....	.....	.....	.....	.....	559,652	1,347,700	42
.....	.....	237	158,837	.....	.....	3	211	15	10,528	.....	.....	.....	.....	185,521	506,513	43
13	5,896	4,556	2,301,224	4	1,285	23	4,174	367	171,456	.....	.....	37	6,785	3,699,370	8,407,290	44
.....	.....	38	27,561	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30,241	89,707	45

TABLE 5.—SPECIFIED INDUSTRIES, BY

131.—FOUNDRY SUPPLIES.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	21	$670,817	$353,105	$111,900	$104,000	$137,205	$326,712	$53,282	212	$152,773	49	$61,140
2	New York	4	90,265	50,655	12,000	13,000	25,655	39,610	5,107	27	19,533	6	8,300
3	Ohio	5	246,605	110,000	32,000	40,500	37,500	136,605	31,425	79	54,431	16	20,955
4	Pennsylvania	5	300,479	172,600	66,400	47,000	59,200	127,879	11,747	72	59,302	17	24,500
5	All other states (a)	7	42,468	19,850	1,500	3,500	14,850	22,618	4,943	34	19,507	10	7,385

a Includes establishments distributed as follows: California, 1; Connecticut, 2; Illinois, 1; Kentucky, 1; New Jersey, 1; Rhode Island, 1.

132.—FRUIT JAR TRIMMINGS.

1	The United States (a)...	5	1,025,697	596,384	200,000	200,500	195,884	429,313	33,689	552	166,735	19	36,659

a Includes establishments distributed as follows: Connecticut, 1; Ohio, 1; Pennsylvania, 2; West Virginia, 1.

133.—FRUITS AND VEGETABLES, CANNING AND PRESERVING. (See also Food preparations; Pickles, preserves, and sauces.)

1	The United States...	886	15,315,185	6,205,843	1,338,584	2,387,232	2,480,027	9,109,342	1,289,681	50,881	5,243,707	1,048	581,034
2	Arkansas	8	63,530	44,855	5,345	16,110	23,400	18,675	7,946	327	25,634	7	1,730
3	California	61	2,622,890	826,609	255,285	278,768	292,556	1,756,281	351,334	5,732	837,855	116	79,200
4	Colorado	3	158,000	89,000	55,000	16,500	17,500	69,000	7,467	110	60,730	11	14,800
5	Delaware	28	391,038	141,516	16,400	51,650	73,466	249,522	26,519	2,498	205,958	35	13,482
6	Georgia	4	29,217	11,200	1,750	1,200	8,250	18,017	1,417	52	5,825	3	1,737
7	Illinois	23	638,871	211,876	20,075	80,931	110,870	426,995	60,005	2,206	150,464	23	14,237
8	Indiana	11	419,253	168,366	22,060	80,600	65,706	250,887	29,811	2,020	181,698	31	10,765
9	Iowa	17	445,258	287,614	24,975	129,230	133,409	157,644	51,943	1,636	91,497	42	6,713
10	Kansas	12	261,433	96,924	13,140	44,117	39,667	164,509	17,614	1,171	69,528	18	8,700
11	Maine	44	1,014,980	266,949	7,225	61,210	198,514	748,031	43,067	2,133	215,620	46	19,538
12	Maryland	197	2,739,008	1,118,886	376,675	381,900	360,311	1,620,122	151,496	13,213	1,541,264	165	124,878
13	Massachusetts	10	182,924	51,658	2,500	13,150	36,008	131,266	28,106	303	65,202	15	14,470
14	Michigan	90	420,265	256,221	42,852	109,506	103,863	164,044	35,884	1,914	128,968	76	13,911
15	Minnesota	3	28,350	15,550	2,750	5,100	7,700	12,800	4,182	111	2,700	.....	.....
16	Missouri	13	419,130	116,025	4,875	15,550	95,600	303,105	79,721	645	136,089	32	32,459
17	Nebraska	7	211,347	123,330	19,100	50,927	53,303	88,017	13,960	604	38,392	4	542
18	New Hampshire	6	18,590	11,450	690	3,960	6,800	7,140	972	71	5,000	3	305
19	New Jersey	34	957,583	442,704	106,675	204,750	131,279	514,879	83,798	3,605	299,609	56	36,496
20	New York	159	2,211,715	1,202,636	223,211	588,262	391,163	1,009,079	143,241	6,097	599,023	147	78,095
21	North Carolina	5	5,940	2,255	200	905	1,150	3,685	155	89	1,502	2	110
22	Ohio	38	505,654	226,680	33,505	110,100	83,075	278,974	36,771	2,237	202,787	57	25,665
23	Pennsylvania	27	736,604	149,811	35,465	30,676	83,670	586,793	46,264	918	144,899	68	55,426
24	Tennessee	4	16,910	7,900	200	600	7,100	9,010	1,332	115	4,540	4	1,257
25	Texas	10	85,347	59,870	9,890	19,880	30,100	25,477	6,559	715	34,875	12	2,215
26	Virginia	54	416,476	134,485	26,785	47,150	60,550	281,991	45,482	1,529	107,077	58	17,536
27	West Virginia	3	16,511	5,211	260	2,000	2,961	11,300	3,098	58	5,121	1	500
28	All other states and territories. (a)	15	298,361	136,262	31,700	42,500	62,062	162,099	11,537	652	81,850	16	6,267

a Includes establishments distributed as follows: Connecticut, 1; Kentucky, 2; Louisiana, 1; Mississippi, 2; Oregon, 2; Rhode Island, 1; South Carolina, 2; South Dakota, 1; Utah, 2; Wisconsin, 1.

134.—FUEL, ARTIFICIAL. (See "All other industries", at end of table.)

135.—FUR GOODS. (See also Hats and caps, not including wool hats.)

1	The United States...	484	11,115,840	1,089,777	220,310	546,500	322,967	10,026,063	864,506	8,075	4,749,191	1,003	1,206,644
2	California	8	482,300	3,400	.....	.....	3,400	478,900	14,718	158	84,010	12	16,660
3	Connecticut	3	67,826	1,125	.....	.....	1,125	66,701	3,165	52	21,948	13	9,688
4	Illinois	32	667,655	115,955	50,000	50,000	15,955	551,700	81,258	453	293,138	67	86,083
5	Iowa	4	44,050	15,325	6,360	6,400	2,565	28,725	1,291	27	7,452	3	2,130
6	Maryland	9	97,895	21,745	10,000	10,000	1,745	76,150	7,973	105	34,290	11	6,098
7	Massachusetts	32	382,032	20,016	.....	.....	20,016	362,016	56,140	348	212,519	42	42,561
8	Michigan	8	90,085	3,990	1,000	1,000	1,990	86,095	27,558	168	65,700	20	14,862
9	Minnesota	25	1,468,711	32,525	1,000	1,000	30,525	1,436,186	55,140	488	276,393	80	107,378
10	Missouri	9	126,968	5,609	.....	.....	5,609	121,359	31,329	121	54,371	19	20,800
11	New Jersey	5	92,975	16,550	7,500	6,000	3,050	76,425	9,344	57	26,577	7	5,700
12	New York	281	5,620,290	353,127	42,200	144,200	166,727	5,267,163	452,392	4,983	3,113,762	603	772,116
13	Ohio	11	407,055	18,680	.....	.....	18,680	388,375	33,444	282	142,848	36	44,280
14	Pennsylvania	33	1,138,720	438,085	98,250	316,500	23,335	700,635	50,890	529	267,671	35	32,637
15	Rhode Island	4	10,400	700	.....	.....	700	9,700	688	21	6,340	1	1,000
16	Wisconsin	11	289,867	35,725	2,500	10,400	22,825	254,142	28,890	198	96,020	37	26,725
17	All other states (a)	12	120,011	7,220	1,500	1,000	4,720	121,791	10,286	85	46,152	17	17,926

a Includes establishments distributed as follows: Colorado, 2; Kentucky, 2; Maine, 2; Oregon, 2; Texas, 1; Vermont, 1; Virginia, 1; Washington, 1.

STATES AND TERRITORIES: 1890—Continued.

131.—FOUNDRY SUPPLIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Female above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	163	$91,633	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$357,874	$672,440	1
.....	.....	21	11,233	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,244	79,537	2
.....	.....	63	33,476	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	128,360	263,000	3
.....	.....	55	34,802	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	165,812	261,850	4
.....	.....	24	12,122	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28,458	68,053	5

132.—FRUIT JAR TRIMMINGS.

.....	.....	83	28,592	55	$4,914	32	$2,970	259	$75,280	104	$18,320	.....	.....	275,744	802,237	1

133.—FRUITS AND VEGETABLES, CANNING AND PRESERVING. (See also Food preparations; Pickles, preserves, and sauces.)

71	$11,356	14,817	2,091,306	12,886	1,193,000	3,499	106,704	3,652	397,022	12,828	807,848	2,080	$55,437	18,665,163	29,862,416	1
.....	.....	85	9,513	94	8,555	38	2,036	6	520	56	2,424	41	856	54,455	93,101	2
6	1,858	1,874	347,702	1,093	115,245	162	8,233	257	29,403	2,063	241,954	221	14,200	3,888,323	6,211,440	3
.....	.....	41	30,562	50	14,120	8	1,248	.....	.....	.....	.....	.....	.....	90,420	207,424	4
.....	.....	479	79,913	741	52,942	278	14,700	121	9,597	675	30,259	169	5,065	432,317	740,090	5
.....	.....	17	2,202	11	954	3	72	1	200	17	600	.....	.....	12,460	28,770	6
1	260	590	63,748	507	29,907	358	12,000	235	17,033	376	11,065	116	2,214	768,556	1,106,181	7
.....	.....	342	54,972	377	26,981	154	5,560	111	28,275	950	51,550	55	3,595	581,015	885,145	8
13	860	344	40,643	280	14,987	124	4,939	12	966	706	20,080	115	2,300	294,817	521,711	9
.....	.....	159	23,673	283	15,884	97	3,225	35	7,887	326	7,676	253	2,483	147,801	292,505	10
.....	.....	1,152	134,108	366	21,496	124	2,357	332	35,542	56	1,085	57	1,494	700,719	1,192,682	11
.....	.....	3,623	482,992	3,546	490,576	988	23,852	1,008	151,994	3,595	262,404	290	4,568	4,416,352	7,196,109	12
2	700	140	32,920	120	15,731	.....	.....	.....	.....	23	1,104	3	277	245,130	412,005	13
7	513	673	61,114	957	45,821	45	1,586	51	3,511	96	2,197	9	315	304,464	591,546	14
.....	.....	16	1,000	5	500	20	650	.....	.....	15	200	55	350	24,650	38,375	15
3	832	207	74,818	140	18,035	36	2,490	30	1,432	77	3,524	120	2,499	1,107,691	1,480,469	16
.....	.....	269	25,876	120	7,370	35	787	30	1,200	61	1,344	85	1,273	120,720	201,549	17
.....	.....	47	3,655	21	1,040	.....	.....	.....	.....	.....	.....	.....	.....	6,709	17,165	18
1	390	861	126,636	562	43,755	35	947	465	30,302	1,627	59,468	58	1,615	1,159,340	1,843,675	19
14	4,285	1,886	253,587	1,802	139,860	169	5,227	577	53,915	1,376	61,206	126	2,848	1,747,798	2,918,671	20
.....	.....	15	535	49	619	23	238	.....	.....	.....	.....	.....	.....	2,997	5,506	21
3	606	829	79,095	706	63,070	108	2,671	182	12,096	232	13,149	120	6,435	506,809	928,213	22
20	1,027	297	65,885	187	11,642	211	2,897	29	3,390	56	4,171	50	461	615,294	931,008	23
.....	.....	26	1,850	35	695	15	98	.....	.....	20	460	15	180	19,307	29,030	24
.....	.....	103	10,224	69	4,144	141	4,332	145	6,100	180	6,370	65	1,290	59,650	141,787	25
1	25	512	42,488	618	40,793	280	5,262	.....	.....	22	549	38	424	1,131,868	1,403,216	26
.....	.....	18	3,145	22	1,109	17	367	.....	.....	.....	.....	.....	.....	20,862	36,750	27
.....	.....	212	38,390	125	7,169	30	930	27	3,659	223	24,740	19	695	204,639	408,293	28

134.—FUEL, ARTIFICIAL. (See "All other industries", at end of table.)

135.—FUR GOODS. (See also Hats and caps, not including wool hats.)

125	65,399	2,598	1,805,562	3,418	1,193,541	41	6,519	388	297,974	502	173,552	.....	.....	11,742,508	20,526,988	1
1	1,300	28	22,260	94	56,542	1	208	2	1,040	20	6,000	.....	.....	813,045	1,227,800	2
3	1,260	7	3,600	29	7,400	.....	.....	.....	.....	.....	.....	.....	.....	68,870	90,400	3
20	13,000	117	92,791	237	95,928	.....	.....	2	1,124	10	4,212	.....	.....	589,068	1,157,180	4
.....	.....	7	2,975	17	2,347	.....	.....	.....	.....	.....	.....	.....	.....	20,800	32,850	5
3	1,794	38	15,816	51	10,296	2	286	.....	.....	.....	.....	.....	.....	78,918	147,600	6
5	3,423	144	100,873	144	62,098	5	1,114	2	800	6	1,650	.....	.....	454,130	846,041	7
5	2,024	34	20,282	98	25,632	1	100	.....	.....	10	2,800	.....	.....	108,864	220,850	8
5	2,586	100	59,135	203	55,164	5	710	40	31,200	55	20,220	.....	.....	727,117	1,152,369	9
6	3,700	19	10,090	75	18,339	1	150	1	1,202	.....	.....	.....	.....	117,481	238,340	10
4	1,468	16	9,665	26	7,444	.....	.....	2	2,100	2	200	.....	.....	61,886	112,591	11
38	19,332	1,864	1,201,641	1,864	673,575	7	1,008	328	251,986	279	101,104	.....	.....	6,897,292	12,434,272	12
17	7,566	57	31,142	93	28,755	3	585	.....	.....	76	30,520	.....	.....	468,865	757,784	13
11	4,386	124	109,146	290	107,036	15	2,258	11	5,432	43	6,776	.....	.....	566,306	1,041,851	14
3	1,388	1	780	16	3,172	.....	.....	.....	.....	.....	.....	.....	.....	34,917	42,726	15
3	1,847	24	21,540	132	45,738	1	100	.....	.....	1	70	.....	.....	590,165	764,399	16
1	325	18	13,826	49	14,075	.....	.....	.....	.....	.....	.....	.....	.....	152,784	259,935	17

TABLE 5.—SPECIFIED INDUSTRIES, BY

136.—FURNISHING GOODS, MEN'S. (See also Shirts.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.	Males above 16 years.	
												Number.	Wages.
1	The United States...	586	$12,299,011	$1,619,759	$231,949	$357,211	$1,030,599	$10,679,252	$2,330,360	22,211	$7,589,349	1,337	$1,470,513
2	California	47	1,257,533	51,720	22,500	9,000	20,220	1,205,813	70,651	1,136	487,149	125	71,633
3	Illinois	25	863,734	70,210	18,500	17,500	34,210	793,524	110,041	995	425,240	61	71,460
4	Kentucky	3	3,270	450	----	----	450	2,820	501	25	7,931	2	1,600
5	Louisiana	10	109,050	10,485	1,300	2,000	7,185	98,565	5,735	358	73,650	9	11,604
6	Maine	3	27,150	7,150	2,250	1,900	3,000	20,000	2,605	43	18,650	4	5,205
7	Maryland	32	383,706	85,400	11,600	15,000	58,800	298,306	220,500	1,036	296,583	40	39,248
8	Massachusetts	38	1,392,613	532,169	69,815	169,547	292,807	860,444	104,536	1,470	551,110	71	78,162
9	Michigan	7	207,965	14,175	2,000	2,000	10,175	193,790	27,549	307	100,386	33	18,332
10	Minnesota	6	99,635	13,085	5,000	1,000	2,085	86,550	2,573	105	45,374	11	10,360
11	Missouri	5	73,825	6,450	----	----	6,450	67,375	5,723	185	58,895	24	9,515
12	New Jersey	6	14,975	2,500	----	700	1,800	12,475	1,259	107	24,964	2	1,520
13	New York	215	5,284,529	505,391	58,533	90,200	356,658	4,779,138	1,360,611	12,345	4,212,106	642	851,510
14	Ohio	62	529,453	48,928	8,000	8,700	32,228	480,525	67,082	1,260	388,267	116	115,219
15	Oregon	3	6,140	1,090	----	----	1,090	5,050	2,295	33	16,950	13	9,150
16	Pennsylvania	74	1,492,533	160,420	15,250	15,500	129,670	1,332,113	282,474	1,647	593,210	126	130,610
17	South Carolina	8	16,255	10,785	5,500	2,850	2,435	5,470	1,270	35	7,335	4	1,160
18	Tennessee	6	25,603	12,013	1	14	11,998	13,590	7,683	171	36,283	5	4,055
19	Texas	6	27,640	3,450	----	----	3,450	24,190	2,478	84	29,467	6	4,356
20	Virginia	10	163,626	52,525	4,200	13,800	34,525	111,101	10,702	388	85,921	19	14,182
21	Wisconsin	6	197,842	8,000	200	----	8,700	188,942	27,597	301	69,469	12	9,930
22	All other states (a)	14	121,934	22,463	7,300	7,500	7,663	99,471	16,495	180	60,400	12	11,693

a Includes establishments distributed as follows: Alabama, 1; Colorado, 1; Connecticut, 2; Georgia, 1; Indiana, 2; Iowa, 2; Kansas, 1; Nebraska, 1; New Hampshire, 1; Vermont, 2.

137.—FURNITURE, CABINETMAKING, REPAIRING AND UPHOLSTERING. (See also Mattresses and spring beds.)

1	The United States...	4,054	12,861,208	4,775,372	1,602,213	1,820,413	1,352,746	8,085,836	1,406,085	14,721	8,584,097	3,920	2,803,646
2	Alabama	9	9,120	5,780	2,150	1,750	1,880	3,340	1,911	23	12,199	8	4,520
3	Arkansas	10	9,230	4,090	160	690	3,240	5,140	1,351	28	7,761	9	4,822
4	California	106	420,914	48,491	6,000	7,525	34,966	372,423	60,903	481	375,521	114	108,221
5	Colorado	17	92,300	9,725	----	----	9,725	82,665	21,620	100	87,370	25	28,676
6	Connecticut	76	302,817	147,940	73,375	48,000	26,565	154,877	21,971	247	147,649	70	49,723
7	Delaware	11	13,920	6,260	1,350	1,900	3,010	7,660	1,709	27	12,234	12	7,039
8	District of Columbia	54	258,486	129,955	78,500	20,850	30,605	128,531	24,258	240	131,967	72	52,718
9	Florida	3	1,270	820	----	----	820	450	400	8	4,300	3	2,200
10	Georgia	35	34,175	19,410	4,945	7,575	6,890	14,765	5,034	89	31,511	24	11,007
11	Illinois	187	1,042,715	490,746	201,375	210,800	78,571	551,969	88,496	950	511,099	194	138,721
12	Indiana	90	142,132	65,420	15,375	28,750	21,295	76,712	13,959	234	108,945	86	40,668
13	Iowa	61	333,176	124,658	51,640	51,450	21,568	208,518	20,822	183	92,273	51	31,546
14	Kansas	28	75,645	44,130	10,175	19,950	14,005	31,515	8,505	58	26,035	18	9,257
15	Kentucky	90	127,351	47,490	13,025	17,735	16,730	79,861	18,287	283	159,390	94	66,853
16	Louisiana	57	74,069	23,003	6,755	6,720	9,528	51,066	11,052	120	64,642	54	36,464
17	Maine	45	119,248	31,623	6,441	12,842	12,340	87,625	9,417	138	65,356	37	18,754
18	Maryland	106	331,832	127,031	44,135	65,316	17,580	204,801	26,262	350	182,593	99	60,852
19	Massachusetts	397	821,294	190,012	27,560	45,000	117,452	631,282	137,058	1,402	884,985	395	292,926
20	Michigan	115	251,463	86,072	21,050	32,200	32,822	165,391	31,107	378	179,380	104	62,226
21	Minnesota	62	148,040	44,680	13,300	16,200	15,180	103,366	23,679	214	127,255	70	48,057
22	Mississippi	7	3,045	1,075	----	----	1,075	1,970	984	11	4,284	7	3,638
23	Missouri	147	428,053	120,711	29,425	45,840	45,446	307,342	89,917	610	381,350	161	123,412
24	Nebraska	22	64,625	41,405	14,200	20,700	6,505	23,220	4,093	59	35,524	20	11,823
25	New Hampshire	28	98,457	27,192	4,000	11,600	11,592	71,265	11,827	98	55,709	26	18,107
26	New Jersey	102	529,951	340,555	144,125	165,725	30,705	189,396	28,862	328	206,526	93	71,724
27	New York	891	2,649,235	939,017	247,580	319,150	372,287	1,710,218	346,606	3,534	2,236,213	941	766,144
28	North Carolina	23	27,780	17,250	6,615	6,650	3,985	10,530	1,601	35	9,333	19	5,709
29	North Dakota	4	9,825	6,250	2,000	3,500	750	3,575	924	9	4,848	1	240
30	Ohio	252	580,916	186,190	64,695	69,560	51,935	394,726	80,699	839	444,249	223	144,643
31	Oregon	17	119,140	22,300	7,350	7,550	7,400	96,840	9,365	105	84,844	23	24,140
32	Pennsylvania	632	2,438,255	853,086	262,425	372,825	217,836	1,585,169	199,636	2,232	1,198,518	544	348,326
33	Rhode Island	46	153,145	48,230	10,770	15,100	22,360	104,915	19,900	237	147,690	33	23,522
34	South Carolina	10	11,250	5,300	1,700	1,000	2,600	5,950	1,771	27	10,315	10	4,960
35	South Dakota	3	4,675	3,825	1,500	1,200	1,125	850	335	8	4,295	1	295
36	Tennessee	31	44,855	25,450	10,270	9,475	8,705	19,405	4,036	62	30,389	32	16,057
37	Texas	38	91,762	41,077	24,387	5,575	11,115	50,685	6,926	113	61,553	27	16,632
38	Utah	9	103,600	66,950	34,250	27,700	5,000	36,650	9,334	73	42,474	11	10,180
39	Vermont	25	96,930	36,305	9,480	18,150	8,675	60,625	7,160	64	38,425	26	19,372
40	Virginia	62	80,378	28,066	6,990	11,535	9,541	52,312	5,963	124	46,606	49	24,796
41	Washington	17	139,250	85,200	49,960	20,890	14,350	54,050	8,496	107	82,395	12	10,120
42	West Virginia	25	58,810	30,215	8,030	14,185	8,000	28,595	3,320	68	28,041	23	10,609
43	Wisconsin	95	496,971	189,615	81,600	73,790	34,225	307,356	35,585	408	206,858	93	61,103
44	All other states and territories. (a)	9	21,007	12,772	3,550	6,480	2,762	8,235	965	17	11,184	6	3,844

a Includes establishments distributed as follows: Idaho, 1; Montana, 2; Nevada, 1; New Mexico, 1; Oklahoma, 2; Wyoming, 2.

STATES AND TERRITORIES: 1890—Continued.

136.—FURNISHING GOODS, MEN'S. (See also Shirts.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
96	$40,810	2,006	$1,174,144	5,632	$1,812,464	144	$23,539	2,146	$723,850	10,783	$2,335,529	67	$8,500	$15,280,572	$29,870,946	1
1	300	83	52,052	32	12,103	1	187	610	246,408	284	104,466	.....	.....	1,553,114	2,457,201	2
5	3,004	76	63,100	700	233,498	9	1,555	19	9,018	125	43,605	.....	.....	1,140,252	1,998,177	3
1	500	1	416	1	215	.....	.....	12	2,800	8	2,400	.....	.....	6,200	15,950	4
3	1,412	12	6,552	78	16,692	.....	.....	.....	.....	256	37,390	.....	.....	204,301	355,395	5
.....	.....	5	3,064	12	3,290	.....	.....	.....	.....	22	7,100	.....	.....	52,918	88,250	6
2	900	100	53,770	546	139,709	7	984	172	33,032	169	28,940	.....	.....	769,376	1,492,300	7
6	5,750	238	122,939	404	134,716	46	7,797	135	50,462	570	151,284	.....	.....	1,229,483	2,152,722	8
.....	.....	25	13,200	246	68,386	.....	.....	.....	.....	3	468	.....	.....	235,290	450,600	9
.....	.....	6	4,400	16	5,870	.....	.....	5	3,640	67	21,104	.....	.....	107,852	186,030	10
.....	.....	23	11,880	92	24,850	6	650	40	12,000	.....	.....	.....	.....	81,816	172,700	11
2	728	8	2,630	79	17,686	.....	.....	1	150	15	2,250	.....	.....	16,999	52,776	12
32	10,715	961	632,908	2,595	943,197	38	5,852	459	199,138	7,578	1,563,777	40	5,000	6,788,652	14,379,970	13
27	11,079	78	37,658	173	42,395	3	546	404	86,960	452	92,410	7	2,000	594,032	1,358,795	14
.....	.....	20	7,800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,450	48,600	15
8	4,092	201	105,228	303	95,501	24	4,650	237	67,656	748	185,473	.....	.....	1,839,376	3,439,945	16
5	750	.....	.....	3	425	.....	.....	23	5,000	.....	.....	.....	.....	15,695	32,470	17
.....	.....	82	16,128	55	9,700	.....	.....	.....	.....	29	6,400	.....	.....	18,256	91,150	18
.....	.....	16	8,584	52	14,507	6	870	.....	.....	4	1,150	.....	.....	45,170	100,092	19
3	780	19	11,411	107	16,000	.....	.....	20	5,200	200	36,848	20	1,500	236,773	383,469	20
.....	.....	18	7,858	46	8,081	.....	.....	.....	.....	225	43,000	.....	.....	200,175	360,205	21
1	800	34	12,566	92	25,643	4	448	9	2,386	28	6,864	.....	.....	122,389	254,158	22

137.—FURNITURE, CABINETMAKING, REPAIRING AND UPHOLSTERING. (See also Mattresses and spring beds.)

83	32,864	8,950	5,096,006	709	243,931	137	21,199	712	330,323	199	55,816	2	312	9,757,060	23,884,252	1
.....	.....	11	6,404	.....	.....	1	200	3	1,075	.....	.....	.....	.....	7,690	25,840	2
.....	.....	16	2,737	.....	.....	1	52	2	150	.....	.....	.....	.....	4,501	13,919	3
2	866	304	229,047	20	7,710	3	480	36	28,425	2	772	.....	.....	417,283	1,031,747	4
.....	.....	71	56,926	3	1,508	1	260	.....	.....	.....	.....	.....	.....	58,484	201,991	5
1	156	170	95,302	3	720	1	78	2	670	.....	.....	.....	.....	134,749	358,446	6
.....	.....	9	3,271	2	408	1	156	3	1,300	.....	.....	.....	.....	5,910	21,750	7
.....	.....	148	75,527	4	1,700	1	150	15	1,872	.....	.....	.....	.....	159,425	386,395	8
.....	.....	4	2,000	.....	.....	.....	.....	1	100	.....	.....	.....	.....	2,850	8,525	9
.....	.....	52	17,798	7	1,472	4	718	2	516	.....	.....	.....	.....	42,727	104,421	10
13	6,340	649	331,866	41	11,696	6	972	18	8,604	29	12,900	.....	.....	817,256	1,638,456	11
.....	.....	113	46,494	12	2,502	5	1,191	17	8,890	1	200	.....	.....	99,887	271,499	12
2	760	126	59,317	.....	.....	.....	.....	3	600	1	50	.....	.....	130,019	293,725	13
.....	.....	35	16,153	1	120	3	350	1	150	.....	.....	.....	.....	31,266	82,727	14
3	1,175	167	87,281	8	1,425	5	382	6	2,283	.....	.....	.....	.....	148,762	392,005	15
1	240	52	21,268	3	912	3	394	7	5,364	.....	.....	.....	.....	44,515	144,228	16
1	300	90	42,502	3	700	.....	.....	5	2,000	2	1,100	.....	.....	127,869	243,036	17
2	728	224	113,974	14	3,839	3	450	7	2,650	1	100	.....	.....	296,945	629,917	18
15	5,288	831	526,275	106	35,657	3	606	47	22,943	5	1,290	.....	.....	965,045	2,249,154	19
4	1,731	222	98,478	8	2,021	13	1,346	20	13,414	1	164	.....	.....	215,507	491,781	20
.....	.....	139	78,580	.....	.....	4	388	1	230	.....	.....	.....	.....	154,816	380,303	21
.....	.....	3	586	.....	.....	1	60	.....	.....	.....	.....	.....	.....	3,959	10,794	22
2	1,000	375	235,934	22	5,283	9	1,224	35	12,647	6	1,850	.....	.....	396,098	1,024,161	23
.....	.....	37	23,077	1	520	1	104	.....	.....	.....	.....	.....	.....	32,551	87,461	24
2	562	69	36,440	.....	.....	.....	.....	1	600	.....	.....	.....	.....	92,640	186,696	25
.....	.....	192	115,745	6	2,486	3	520	31	15,451	3	600	.....	.....	191,561	510,816	26
8	4,790	2,027	1,252,183	200	75,541	17	2,809	222	103,242	119	31,504	.....	.....	2,355,661	5,907,617	27
.....	.....	15	3,574	.....	.....	.....	.....	1	50	.....	.....	.....	.....	6,667	21,435	28
.....	.....	8	4,608	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,400	13,300	29
2	760	527	268,924	11	2,599	17	2,648	53	23,561	4	802	2	312	588,201	1,404,475	30
.....	.....	69	51,028	11	8,476	.....	.....	2	1,200	.....	.....	.....	.....	118,432	271,415	31
18	6,316	1,309	708,618	192	67,543	17	3,345	128	59,936	24	4,434	.....	.....	1,285,617	3,524,269	32
5	1,300	174	114,152	15	5,240	1	156	9	3,320	.....	.....	.....	.....	173,672	393,367	33
.....	.....	13	5,030	.....	.....	.....	.....	4	325	.....	.....	.....	.....	13,298	26,475	34
.....	.....	6	3,500	1	500	.....	.....	.....	.....	.....	.....	.....	.....	2,632	9,775	35
.....	.....	28	14,082	.....	.....	.....	.....	2	250	.....	.....	.....	.....	22,134	68,607	36
.....	.....	78	43,582	3	516	3	728	2	95	.....	.....	.....	.....	65,082	161,231	37
.....	.....	53	28,251	3	863	.....	.....	6	3,180	.....	.....	.....	.....	32,474	101,618	38
.....	.....	37	18,853	1	200	.....	.....	.....	.....	.....	.....	.....	.....	74,792	145,346	39
.....	.....	70	20,424	2	306	1	156	2	924	.....	.....	.....	.....	42,054	117,800	40
.....	.....	90	70,275	.....	.....	.....	.....	5	2,000	.....	.....	.....	.....	87,937	215,645	41
.....	.....	39	16,088	1	208	3	250	2	886	.....	.....	.....	.....	33,254	83,163	42
2	552	296	141,507	5	1,200	6	1,026	5	1,420	1	50	.....	.....	254,571	599,209	43
.....	.....	11	7,340	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,267	29,712	44

TABLE 5.—SPECIFIED INDUSTRIES, BY

138.—FURNITURE, CHAIRS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	340	$14,387,075	$4,592,771	$992,312	$1,907,254	$1,693,205	$9,794,304	$1,159,910	13,837	$5,737,810	727	$693,555
2	Arkansas	3	16,770	15,440	1,005	6,010	8,425	1,330	498	15	5,563	1	650
3	California	3	37,050	2,350	----------	----------	2,350	34,700	4,734	43	26,236	5	6,890
4	Georgia	5	35,225	12,450	850	1,700	9,900	22,775	2,111	273	39,940	4	2,590
5	Illinois	13	723,394	268,108	74,400	98,600	95,108	455,286	80,151	725	353,121	50	46,533
6	Indiana	25	560,438	253,401	53,731	122,224	77,446	307,037	41,590	1,191	374,811	59	50,804
7	Kentucky	8	307,505	54,742	10,375	15,725	28,642	252,763	69,536	104	46,299	12	12,084
8	Maine	5	95,235	27,352	350	3,600	23,402	67,883	21,385	145	59,045	12	10,572
9	Maryland	5	358,662	121,613	51,213	56,500	13,900	237,049	24,037	271	103,726	21	17,684
10	Massachusetts	45	5,386,373	1,112,675	213,164	478,645	420,866	4,273,698	379,775	3,252	1,576,390	122	127,938
11	Michigan	8	703,635	275,428	66,900	140,000	68,528	428,207	56,610	990	317,455	34	31,030
12	Missouri	8	822,068	389,597	113,500	171,335	104,862	432,371	34,984	818	410,603	31	40,844
13	New Hampshire	6	157,150	49,250	1,450	20,500	27,300	107,900	7,158	301	75,966	6	6,300
14	New Jersey	5	18,150	10,500	1,300	3,000	6,200	7,650	5,395	71	24,977	2	1,248
15	New York	74	2,263,827	850,977	186,450	317,900	346,627	1,412,850	208,509	2,221	1,015,658	154	156,361
16	Ohio	35	889,173	330,361	79,000	145,775	105,586	558,812	63,612	1,225	459,379	80	70,453
17	Pennsylvania	37	769,140	234,300	47,364	80,798	106,138	534,840	52,147	686	333,059	62	55,856
18	Tennessee	4	9,980	8,485	595	1,790	6,100	1,495	423	32	2,701	2	920
19	Texas	7	89,915	60,755	13,020	15,280	32,455	29,160	3,725	171	53,725	8	6,026
20	Vermont	13	264,211	132,833	19,675	66,137	47,021	131,378	28,733	351	112,979	13	8,030
21	Virginia	5	11,748	9,245	3,040	3,300	2,905	2,503	320	23	5,250	1	130
22	Wisconsin	11	568,187	249,129	35,350	95,185	118,594	319,058	58,615	615	222,561	25	21,388
23	All other states (a)	15	299,239	123,680	19,580	63,250	40,850	175,559	15,862	314	118,365	23	19,224

a Includes establishments distributed as follows: Alabama, 1; Colorado, 1; Connecticut, 2; Iowa, 2; Kansas, 1; Minnesota, 1; Nebraska, 1; North Carolina, 1; Oregon, 2; Washington, 1; West Virginia, 2.

139.—FURNITURE, FACTORY PRODUCT.

1	The United States...	1,579	66,393,864	24,595,393	6,293,354	9,438,445	8,863,594	41,798,471	5,369,929	63,946	34,470,845	4,007	4,362,439
2	Alabama	3	32,905	18,850	1,600	4,300	12,950	14,055	1,681	43	17,280	4	2,480
3	Arkansas	4	118,634	61,000	3,500	20,000	37,500	57,634	10,923	107	52,072	6	8,350
4	California	32	956,091	231,205	34,000	47,965	149,240	724,886	96,399	793	583,425	51	72,728
5	Colorado	5	169,450	18,450	5,000	4,000	9,450	151,000	17,310	115	106,684	9	13,000
6	Connecticut	8	228,475	111,400	30,000	61,000	20,400	117,075	4,483	115	79,353	9	9,860
7	Georgia	17	777,525	410,935	125,100	124,242	161,593	366,590	37,520	765	346,968	60	44,922
8	Illinois	169	8,810,006	3,247,414	1,032,602	1,264,218	950,594	5,562,592	588,895	8,979	5,061,467	452	525,629
9	Indiana	106	5,247,154	1,805,492	329,077	753,541	722,874	3,441,662	447,672	5,305	2,386,793	333	285,300
10	Iowa	21	764,423	314,802	82,700	145,150	86,952	449,621	39,701	652	279,929	61	47,417
11	Kansas	4	151,375	82,275	12,550	42,600	27,125	69,100	19,249	160	65,188	9	8,524
12	Kentucky	19	853,975	281,640	51,452	140,909	89,279	572,335	62,864	892	392,507	49	51,235
13	Louisiana	5	103,310	52,635	13,300	10,350	29,045	50,615	7,424	95	47,754	8	6,794
14	Maine	15	286,032	108,250	13,000	21,800	73,450	177,782	15,824	276	139,627	23	20,350
15	Maryland	28	938,169	384,949	120,275	156,406	108,268	553,220	53,555	1,193	566,340	67	70,253
16	Massachusetts	136	3,457,794	1,133,700	297,150	450,164	386,386	2,324,094	341,571	3,679	2,266,725	256	261,401
17	Michigan	108	8,625,321	3,185,803	602,960	1,409,859	1,172,984	5,439,518	724,646	8,109	3,807,953	349	378,815
18	Minnesota	21	1,330,928	624,117	208,728	237,162	178,227	706,811	108,706	1,057	523,765	73	83,226
19	Missouri	47	2,407,210	925,198	313,770	386,900	224,528	1,482,012	174,342	1,891	1,083,036	142	180,797
20	New Hampshire	24	655,802	291,193	34,300	119,741	137,152	364,609	66,268	693	333,598	38	42,575
21	New Jersey	16	312,624	142,600	34,200	55,200	53,200	170,024	19,596	290	170,423	27	27,660
22	New York	341	11,153,469	3,681,367	951,739	1,161,782	1,567,846	7,472,102	1,113,717	12,025	7,885,309	853	1,122,374
23	North Carolina	6	126,350	69,560	8,600	29,100	31,860	56,790	2,754	167	49,050	15	10,412
24	Ohio	180	7,255,804	2,779,630	857,407	1,055,157	867,066	4,476,174	503,291	6,408	3,154,069	452	409,976
25	Oregon	13	596,612	230,662	80,000	75,000	75,662	365,950	65,191	470	329,614	57	66,436
26	Pennsylvania	152	6,265,170	2,525,713	679,535	962,878	883,300	3,739,457	454,623	5,215	2,791,757	358	370,712
27	Rhode Island	4	62,050	17,200	----------	6,000	11,200	44,850	7,788	95	68,664	9	11,548
28	South Carolina	3	14,230	8,825	1,700	2,125	5,000	5,405	945	20	5,577	1	600
29	Tennessee	21	1,161,258	518,285	136,750	199,860	181,675	642,973	64,313	1,077	466,343	60	65,784
30	Texas	5	51,600	30,500	7,500	7,000	16,000	21,100	2,646	68	40,306	6	5,050
31	Vermont	8	190,050	80,300	11,800	27,700	40,800	109,750	14,117	134	62,643	10	8,054
32	Virginia	13	200,250	53,550	4,520	15,600	33,430	146,700	10,014	193	95,462	26	22,150
33	West Virginia	3	189,984	74,500	13,000	21,000	40,500	115,484	15,638	172	66,726	5	4,407
34	Wisconsin	35	2,702,234	1,004,933	172,849	397,736	434,348	1,697,301	257,821	2,428	1,003,850	104	101,860
35	All other states (a)	7	197,600	88,400	22,600	22,000	43,800	109,200	18,433	265	139,970	19	21,760

a Includes establishments distributed as follows: Florida, 1; Mississippi, 2; Nebraska, 2; Washington, 2.

140.—FURS, DRESSED.

1	The United States...	26	266,921	152,025	40,950	44,600	66,475	114,896	13,294	437	287,508	37	48,618
2	New York	17	200,456	101,875	24,450	30,000	47,425	98,581	11,466	375	253,354	29	41,158
3	All other states (a)	9	66,465	50,150	16,500	14,600	19,050	16,315	1,828	62	34,154	8	7,460

a Includes establishments distributed as follows: Illinois, 1; Massachusetts, 1; Michigan, 1; New Jersey, 1; Pennsylvania, 2; Texas, 1; Wisconsin, 2.

STATES AND TERRITORIES: 1890—Continued.

138.—FURNITURE, CHAIRS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cent'd.		Operatives, skilled and unskilled.						Piecoworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
41	$18,796	7,823	$3,443,760	649	$133,700	412	$51,101	2,966	$1,283,012	837	$95,654	382	$18,232	$6,572,299	$16,866,358	1
.....	.....	14	4,913	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,983	11,720	2
1	810	32	16,436	4	1,300	.....	.....	1	800	.....	.....	.....	.....	24,326	62,600	3
.....	.....	64	18,890	20	4,000	25	2,500	40	5,760	40	2,500	80	3,700	25,015	108,160	4
1	600	532	273,911	45	5,817	25	3,900	72	22,360	.....	.....	.....	.....	271,821	880,770	5
4	1,750	570	223,208	50	8,728	45	6,554	197	62,931	176	17,236	90	3,500	262,875	819,805	6
.....	.....	49	24,419	.....	.....	9	1,148	12	5,264	.....	.....	22	3,384	20,645	247,227	7
.....	.....	101	45,128	12	2,810	.....	.....	20	535	.....	.....	.....	.....	45,045	150,250	8
.....	.....	176	60,505	32	8,637	2	400	40	16,500	.....	.....	.....	.....	388,310	585,880	9
6	2,403	1,344	665,666	167	44,779	.....	.....	1,567	718,443	55	17,065	1	96	1,825,975	4,971,204	10
5	2,500	632	235,727	76	7,690	45	2,734	88	29,059	110	8,715	.....	.....	364,436	868,209	11
3	1,436	588	302,724	5	1,300	13	2,675	98	45,184	80	16,440	.....	.....	263,695	833,837	12
.....	.....	33	17,230	.....	.....	.....	.....	76	45,530	86	3,906	100	3,000	99,770	209,240	13
.....	.....	60	22,412	1	300	1	217	7	800	.....	.....	.....	.....	13,510	54,309	14
4	1,600	1,624	711,732	56	14,650	72	10,732	209	111,866	59	6,715	43	2,002	1,438,984	3,278,257	15
9	4,547	624	257,115	73	14,201	51	8,489	266	92,237	116	11,737	6	600	346,962	1,207,440	16
4	1,820	495	230,913	3	439	8	1,160	82	40,872	26	1,850	6	150	512,243	1,116,034	17
.....	.....	13	1,244	10	437	7	100	.....	.....	.....	.....	.....	.....	2,743	7,445	18
.....	.....	76	30,427	10	3,649	54	4,992	11	7,940	8	690	4	100	27,132	99,751	19
2	550	176	67,338	2	379	.....	.....	88	30,638	40	4,344	30	1,700	167,439	347,880	20
.....	.....	19	4,015	.....	.....	.....	.....	3	1,105	.....	.....	.....	.....	5,272	12,238	21
2	780	441	158,154	58	10,668	10	1,200	55	27,875	24	2,496	.....	.....	242,278	662,501	22
.....	.....	160	71,653	35	3,925	45	4,300	34	17,313	17	1,950	.....	.....	150,740	331,619	23

139.—FURNITURE, FACTORY PRODUCT.

139	64,886	49,688	25,549,492	955	328,435	1,346	220,707	7,289	3,833,399	451	98,322	71	13,165	38,796,471	94,876,722	1
.....	.....	36	14,200	.....	.....	3	600	.....	.....	.....	.....	.....	.....	10,126	41,100	2
.....	.....	83	38,542	.....	.....	13	2,300	5	2,880	.....	.....	.....	.....	48,575	145,000	3
1	360	572	397,966	6	2,652	8	1,873	151	106,306	4	1,510	.....	.....	476,427	1,406,329	4
.....	.....	105	93,320	1	364	.....	.....	.....	.....	.....	.....	.....	.....	122,513	307,761	5
.....	.....	93	60,793	1	150	.....	.....	12	8,550	.....	.....	.....	.....	118,553	239,700	6
1	180	648	291,278	.....	.....	55	10,363	1	225	.....	.....	.....	.....	432,552	988,498	7
23	11,791	6,743	3,635,817	118	44,562	98	14,739	1,419	787,519	106	38,410	20	3,000	5,965,615	14,406,835	8
4	1,515	3,883	1,634,572	37	7,686	141	21,230	862	411,498	40	23,157	5	1,835	3,002,264	6,842,845	9
1	600	516	197,657	3	1,050	10	2,100	48	29,005	5	500	8	1,600	324,876	769,429	10
1	240	113	42,650	.....	.....	9	880	28	12,894	.....	.....	.....	.....	57,081	160,414	11
2	844	698	292,751	2	500	76	13,821	65	33,356	.....	.....	.....	.....	416,137	1,109,252	12
.....	.....	74	31,080	.....	.....	.....	.....	13	9,880	.....	.....	.....	.....	53,747	144,157	13
.....	.....	243	114,137	.....	.....	.....	.....	10	5,140	.....	.....	.....	.....	235,740	534,900	14
.....	.....	820	366,809	6	1,300	29	2,184	272	125,791	.....	.....	.....	.....	665,449	1,525,075	15
13	6,068	2,874	1,709,942	69	26,773	.....	.....	459	259,772	8	2,769	.....	.....	2,623,947	6,166,522	16
23	10,086	6,574	2,954,952	65	17,408	197	31,597	838	404,447	41	7,270	22	3,378	3,904,365	9,898,838	17
3	1,380	904	400,488	9	3,908	.....	.....	68	35,663	.....	.....	.....	.....	526,716	1,523,686	18
2	2,000	1,336	714,956	45	13,323	95	19,211	271	152,749	.....	.....	.....	.....	1,708,116	3,484,404	19
6	1,747	549	244,672	3	775	15	2,560	78	40,269	4	1,000	.....	.....	448,361	1,037,601	20
.....	.....	219	123,282	3	550	3	525	37	18,172	1	234	.....	.....	125,423	391,336	21
24	15,214	9,639	6,032,032	384	149,436	154	25,825	955	536,778	11	2,900	5	750	8,065,813	20,260,754	22
.....	.....	143	36,645	.....	.....	6	442	3	1,560	.....	.....	.....	.....	58,808	159,000	23
16	6,265	5,065	2,388,058	113	29,696	173	28,126	559	283,522	27	8,526	3	500	3,404,680	8,780,689	24
2	1,260	340	226,259	8	2,500	11	3,030	52	30,129	.....	.....	.....	.....	590,136	1,279,475	25
13	3,986	4,048	2,047,338	44	15,616	68	9,465	681	343,540	3	1,100	.....	.....	3,194,498	7,940,483	26
.....	.....	81	55,016	4	1,250	1	250	.....	.....	.....	.....	.....	.....	30,520	126,500	27
.....	.....	17	4,767	1	60	1	150	.....	.....	.....	.....	.....	.....	14,642	27,015	28
1	500	840	356,946	23	6,781	65	10,188	82	26,144	.....	.....	.....	.....	486,077	1,198,986	29
.....	.....	54	32,208	.....	.....	6	1,248	2	1,860	.....	.....	.....	.....	34,189	87,555	30
.....	.....	119	53,341	.....	.....	5	1,248	.....	.....	.....	.....	.....	.....	83,835	183,842	31
.....	.....	158	71,362	.....	.....	6	450	3	1,500	.....	.....	.....	.....	112,164	254,363	32
.....	.....	154	56,195	.....	.....	.....	.....	13	6,214	.....	.....	.....	.....	78,580	183,602	33
3	850	1,721	719,241	7	1,595	93	15,292	291	152,093	201	10,916	8	2,102	1,246,516	2,954,916	34
.....	.....	226	109,710	4	1,400	5	1,100	11	6,000	.....	.....	.....	.....	129,430	334,850	35

140.—FURS, DRESSED.

.....	.....	224	129,215	3	700	5	1,300	167	107,519	1	156	.....	.....	203,199	651,296	1
.....	.....	179	105,221	3	700	.....	.....	163	106,119	1	156	.....	.....	150,205	548,280	2
.....	.....	45	23,994	.....	.....	5	1,300	4	1,400	.....	.....	.....	.....	52,994	103,016	3

TABLE 5.—SPECIFIED INDUSTRIES, BY

141.—GALVANIZING.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	27	$1,301,973	$464,593	$144,300	$128,900	$191,393	$837,380	$99,192	846	$473,111	83	$110,233
2	Illinois	3	173,500	46,000	8,000	6,000	32,000	127,500	5,952	54	25,065	7	4,965
3	New York	6	199,450	83,300	29,300	15,700	38,300	116,150	16,336	209	128,378	25	30,498
4	Pennsylvania	8	636,803	227,271	78,000	85,200	64,071	409,532	54,162	339	190,968	29	46,081
5	All other states (a)	10	292,220	108,022	29,000	22,000	57,022	184,198	22,742	244	128,700	22	28,689

a Includes establishments distributed as follows: Louisiana, 1; Maryland, 1; Massachusetts, 2; Michigan, 1; Missouri, 1; New Jersey, 2; Ohio, 2.

142.—GAS AND LAMP FIXTURES. (See also Lamps and reflectors.)

1	The United States...	108	7,218,964	2,354,562	376,275	691,000	1,287,287	4,864,402	793,283	5,530	3,592,512	505	705,955
2	California	5	79,600	39,350	.....	.....	39,350	40,250	10,733	84	63,718	7	8,824
3	Illinois	5	605,902	38,699	.....	.....	38,699	567,203	28,570	198	130,736	23	28,196
4	Massachusetts	8	513,050	149,600	27,500	45,000	77,100	363,450	80,769	411	238,245	22	24,480
5	New Jersey	3	20,800	5,300	.....	.....	5,300	15,500	2,503	42	19,412	6	8,540
6	New York	49	4,375,702	1,699,667	284,000	565,000	850,667	2,676,035	512,741	3,249	2,200,151	286	445,653
7	Ohio	4	145,700	53,000	2,000	500	50,500	92,700	11,107	133	78,149	19	19,684
8	Pennsylvania	18	1,153,535	276,671	62,775	80,500	133,396	876,864	119,024	1,064	660,016	103	128,690
9	Rhode Island	4	55,400	20,900	.....	.....	20,900	34,500	3,240	51	25,783	7	7,320
10	Wisconsin	3	17,600	4,275	.....	.....	4,275	13,325	1,727	25	15,924	4	3,560
11	All other states and territories. (a)	9	251,675	67,100	.....	.....	67,100	184,575	22,869	273	160,381	28	31,008

a Includes establishments distributed as follows: District of Columbia, 2; Indiana, 1; Maryland, 2; Minnesota, 1; Missouri, 1; Nebraska, 1; Virginia, 1.

143.—GAS, ILLUMINATING AND HEATING. (See special report on Gas in Part III.)

1	The United States...	742	258,771,795	234,401,052	45,521,707	35,048,435	153,830,910	24,370,743	7,799,385	14,860	10,642,794	1,810	2,120,496
2	Alabama	7	826,988	763,200	55,500	187,800	519,900	62,788	16,050	75	49,423	13	15,880
3	Arkansas	7	507,942	494,892	52,600	28,900	413,392	13,050	26,766	47	36,486	14	16,680
4	California	44	13,065,857	10,853,371	1,984,324	1,173,350	7,695,697	2,212,486	334,491	988	769,177	112	136,870
5	Colorado	6	1,277,262	1,226,780	135,000	177,775	914,005	50,482	22,927	111	114,549	15	35,940
6	Connecticut	20	4,456,409	4,042,455	358,000	415,500	3,268,955	413,954	113,648	303	223,127	39	49,906
7	Delaware	4	594,215	544,477	40,000	54,000	450,477	49,738	24,342	62	46,044	7	7,820
8	Florida	7	747,779	606,608	30,511	53,500	522,597	141,171	15,510	36	24,174	8	7,992
9	Georgia	11	1,588,466	1,486,071	239,300	148,626	1,098,145	102,395	114,975	156	95,337	35	33,760
10	Illinois	36	43,542,852	41,743,300	12,188,400	8,188,600	21,366,300	1,799,552	1,313,365	1,463	960,385	135	177,004
11	Indiana	33	3,014,226	2,759,175	134,100	249,300	2,375,775	255,051	110,120	334	201,635	52	55,673
12	Iowa	19	2,127,067	2,013,690	301,200	196,600	1,521,890	113,377	79,389	140	83,593	27	23,067
13	Kansas	12	1,153,228	1,104,167	98,480	104,500	901,187	49,061	20,415	73	55,101	19	13,728
14	Kentucky	14	952,258	882,850	67,900	123,500	691,450	69,408	29,085	77	47,217	24	16,550
15	Louisiana	4	2,822,240	2,742,500	230,000	76,000	2,436,500	79,740	132,460	95	66,963	24	38,516
16	Maine	11	894,189	847,194	95,203	199,800	552,191	46,995	50,574	76	52,710	22	20,321
17	Maryland	7	11,615,815	11,252,045	3,519,500	1,028,000	6,704,545	363,770	103,267	202	144,361	45	53,234
18	Massachusetts	72	26,063,751	23,774,015	3,693,827	5,132,376	14,947,812	2,289,736	848,895	1,423	1,062,382	266	286,628
19	Michigan	27	4,030,363	3,464,098	355,150	434,263	2,674,685	566,265	79,969	257	159,333	53	46,382
20	Minnesota	10	4,946,448	4,691,100	756,200	220,500	3,714,400	255,348	79,746	224	137,660	26	27,030
21	Missouri	17	9,024,950	8,185,796	772,450	687,500	6,725,846	839,154	175,713	555	370,949	46	79,510
22	Nebraska	9	1,721,530	1,656,622	244,200	176,500	1,235,922	64,908	108,179	67	47,695	12	14,662
23	New Hampshire	13	767,966	637,257	37,800	87,000	512,457	130,709	65,295	198	71,622	19	17,796
24	New Jersey	33	4,819,011	4,383,060	804,283	658,027	2,920,750	435,951	462,513	531	363,395	82	81,911
25	New York	94	77,899,876	67,117,519	13,126,410	9,768,878	44,222,231	10,782,357	2,521,614	4,239	3,486,509	265	422,958
26	North Carolina	6	333,618	312,550	26,500	21,500	264,550	21,068	11,612	50	20,340	9	5,430
27	Ohio	61	8,900,934	8,532,667	1,430,295	1,013,069	6,089,303	368,267	110,222	935	481,974	114	91,465
28	Oregon	4	1,203,262	1,158,500	284,000	421,500	453,000	44,762	14,580	34	29,040	7	4,500
29	Pennsylvania	73	9,353,856	8,371,648	1,706,374	1,412,842	5,252,432	982,208	256,788	603	358,360	128	78,264
30	Rhode Island	7	4,118,273	3,770,257	684,300	467,809	2,618,148	348,016	85,487	396	262,780	25	32,630
31	Tennessee	8	2,217,081	2,003,100	153,700	276,500	1,572,900	213,981	89,768	132	88,130	26	31,554
32	Texas	8	1,575,131	1,449,289	240,000	139,000	1,070,289	125,842	30,549	99	73,283	26	26,365
33	Vermont	8	390,116	367,512	22,100	56,000	289,412	22,604	10,566	26	14,515	7	4,486
34	Virginia	6	709,935	652,079	58,000	158,000	436,079	57,856	17,592	52	36,071	16	17,213
35	Washington	4	605,700	573,200	197,500	62,000	313,700	32,500	14,852	50	55,560	9	22,800
36	West Virginia	3	714,431	681,400	22,000	34,800	624,600	33,031	10,140	72	39,558	6	6,100
37	Wisconsin	18	2,900,609	2,756,381	400,600	286,500	2,069,281	144,228	97,445	261	171,161	27	31,163
38	All other states and territories. (a)	19	7,289,161	6,500,227	976,000	1,134,120	4,390,107	788,934	200,476	508	342,190	50	88,708

a Includes establishments distributed as follows: Arizona, 2; District of Columbia, 2; Mississippi, 2; Montana, 1; Nevada, 2; New Mexico, 2; North Dakota, 2; South Carolina, 2; South Dakota, 2; Utah, 1; Wyoming, 1.

STATES AND TERRITORIES: 1890—Continued.

141.—GALVANIZING.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2	$1,000	733	$349,228	4	$880	11	$3,650	13	$8,120	.....	.....	.....	.....	$1,940,712	$2,957,143	1
.....	.....	47	20,100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	353,592	421,000	2
.....	.....	181	97,210	2	520	1	150	.....	.....	.....	.....	.....	.....	278,081	516,704	3
2	1,000	295	135,767	.....	.....	.....	.....	13	8,120	.....	.....	.....	.....	853,524	1,194,056	4
.....	.....	210	96,151	2	360	10	3,500	.....	.....	.....	.....	.....	.....	455,515	825,383	5

142.—GAS AND LAMP FIXTURES. (See also Lamps and reflecters.)

11	6,744	4,641	2,737,419	233	71,674	38	8,052	102	62,668	.....	.....	.....	.....	2,208,124	7,825,672	1
.....	.....	66	52,032	.....	.....	11	2,862	.....	.....	.....	.....	.....	.....	37,775	130,525	2
.....	.....	164	99,972	6	1,580	5	988	.....	.....	.....	.....	.....	.....	138,561	352,650	3
.....	.....	358	203,685	31	10,080	.....	.....	.....	.....	.....	.....	.....	.....	173,143	593,000	4
.....	.....	15	6,072	21	4,800	.....	.....	.....	.....	.....	.....	.....	.....	18,962	43,761	5
9	5,620	2,742	1,657,319	136	43,562	8	1,600	68	46,397	.....	.....	.....	.....	1,134,375	4,498,328	6
.....	.....	114	58,465	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49,896	190,000	7
2	1,124	883	502,221	31	9,208	14	2,602	31	16,171	.....	.....	.....	.....	464,788	1,492,810	8
.....	.....	44	18,460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,958	70,200	9
.....	.....	21	12,364	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,600	37,800	10
.....	.....	234	126,829	8	2,444	.....	.....	3	100	.....	.....	.....	.....	150,066	416,598	11

143.—GAS, ILLUMINATING AND HEATING. (See special report on Gas in Part III.)

54	22,673	12,951	8,492,647	.....	.....	38	6,078	1	150	.....	.....	6	$750	14,037,087	56,987,290	1
.....	.....	62	33,543	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36,928	206,623	2
.....	.....	33	19,806	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30,890	153,546	3
5	2,880	871	629,427	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,175,135	3,681,705	4
.....	.....	96	78,609	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	113,022	561,667	5
6	3,200	258	170,021	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	276,602	1,200,575	6
1	400	64	37,824	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49,122	191,451	7
.....	.....	28	16,182	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,880	115,949	8
.....	.....	121	61,577	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	135,698	526,770	9
5	2,340	1,323	781,041	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	829,995	5,204,206	10
3	950	279	145,012	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	170,023	873,750	11
1	100	106	59,761	.....	.....	6	670	.....	.....	.....	.....	.....	.....	104,265	392,090	12
1	1,800	53	39,573	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52,010	232,665	13
.....	.....	51	30,522	.....	.....	2	145	.....	.....	.....	.....	.....	.....	48,137	226,588	14
.....	.....	71	28,447	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	112,965	685,076	15
1	480	53	31,909	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68,099	311,381	16
.....	.....	157	91,127	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	445,584	1,776,867	17
8	2,403	1,149	773,351	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,747,013	6,203,125	18
3	976	201	111,075	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	181,958	898,418	19
.....	.....	198	110,630	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	180,912	846,103	20
3	1,680	506	289,759	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	458,830	2,007,833	21
.....	.....	55	33,033	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	106,387	394,365	22
.....	.....	89	53,826	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101,835	358,678	23
.....	.....	449	281,484	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	428,612	2,030,226	24
4	910	3,950	3,059,931	.....	.....	13	1,810	1	150	.....	.....	6	750	4,944,042	18,716,683	25
.....	.....	41	14,910	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,972	83,366	26
6	1,670	815	388,930	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	494,558	2,032,050	27
.....	.....	27	24,540	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69,035	239,458	28
2	624	472	279,199	.....	.....	1	273	.....	.....	.....	.....	.....	.....	389,798	1,955,893	29
2	1,040	369	229,110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	252,708	812,013	30
.....	.....	106	56,576	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	124,442	532,462	31
.....	.....	73	46,018	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	92,793	387,720	32
.....	.....	19	10,029	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,223	81,050	33
.....	.....	36	18,858	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44,384	192,084	34
.....	.....	41	32,760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53,041	213,473	35
.....	.....	52	30,458	.....	.....	14	3,000	.....	.....	.....	.....	.....	.....	30,859	144,071	36
2	660	230	139,158	.....	.....	2	180	.....	.....	.....	.....	.....	.....	192,114	810,596	37
1	660	457	252,822	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	426,056	1,695,005	38

TABLE 5.—SPECIFIED INDUSTRIES, BY

144.—GAS MACHINES AND METERS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.				Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	38	$1,603,426	$514,687	$73,350	$149,250	$292,087	$1,088,739	$105,209	1,071	$709,529	71	$82,427
2	California	4	13,975	4,100	250	250	3,600	9,875	677	8	4,766	4	2,400
3	Illinois	5	34,050	4,500			4,500	29,550	3,625	31	23,753	7	6,396
4	Massachusetts	5	170,256	70,850	7,600	30,400	32,850	99,406	16,802	119	92,056	7	10,250
5	New Jersey	4	122,426	65,026	25,000	15,000	25,026	57,400	4,758	68	48,752	11	14,300
6	Ohio	3	14,225	1,750	500	500	750	12,475	1,826	21	13,040	3	2,600
7	Pennsylvania	8	894,441	266,641	25,000	75,000	166,641	627,800	53,027	507	319,960	27	31,793
8	All other states (a)	9	354,053	101,820	15,000	28,100	58,720	252,233	24,494	317	207,202	12	14,688

a Includes establishments distributed as follows: Indiana, 1; Kentucky, 1; Louisiana, 1; Maryland, 2; Michigan, 1; Minnesota, 1; New York, 2.

145.—GAS STOVES.

1	The United States...	24	1,199,528	515,229	29,591	141,562	344,076	684,299	118,617	1,031	628,773	97	116,009
2	Connecticut	3	136,870	50,600			50,600	86,270	12,107	110	89,161	18	24,330
3	Massachusetts	3	266,711	132,407	5,291	68,562	58,554	134,304	28,269	183	98,327	12	13,417
4	New Jersey	3	31,975	17,050	3,500	4,000	9,550	14,925	2,280	27	15,600	4	3,120
5	Ohio	5	487,300	230,800	20,800	69,000	141,000	256,500	26,080	513	301,421	30	43,400
6	All other states (a)	10	276,672	84,372			84,372	192,300	49,881	198	124,264	33	31,742

a Includes establishments distributed as follows: California, 2; Illinois, 2; Michigan, 1; New York, 1; Pennsylvania, 2; Rhode Island, 1; Wisconsin, 1.

146.—GLASS. (See special report on Glass in Part III.)

1	The United States...	294	40,966,850	25,437,450	5,007,726	11,401,021	8,938,703	15,529,400	2,267,696	45,987	22,118,522	1,053	1,217,202
2	Illinois	13	1,721,878	1,025,171	213,900	637,334	173,937	696,707	134,625	2,793	1,232,761	31	44,710
3	Indiana	21	3,556,563	2,625,300	195,000	879,794	1,550,506	931,263	360,384	3,089	1,544,831	67	69,680
4	Maryland	11	871,111	527,192	142,000	296,692	88,500	343,919	35,847	1,413	708,736	16	12,176
5	Massachusetts	6	365,051	185,000	33,000	99,000	53,000	180,051	35,760	514	219,427	18	17,774
6	Missouri	5	2,201,353	1,041,159	164,159	858,000	619,000	560,194	116,397	1,152	596,239	38	53,811
7	New Jersey	34	3,744,894	1,858,200	239,000	1,168,200	451,000	1,886,694	116,009	5,840	2,862,719	140	129,213
8	New York	30	2,297,699	1,243,700	261,800	724,000	257,900	1,053,999	167,000	3,285	1,484,039	54	60,821
9	Ohio	59	4,094,677	2,267,212	281,522	1,369,696	615,994	1,827,465	294,744	6,651	3,131,578	205	226,985
10	Pennsylvania	90	20,459,049	13,167,174	3,377,345	4,933,615	4,856,214	7,291,875	911,178	18,934	9,247,160	420	516,890
11	West Virginia	7	825,313	377,757	33,000	213,000	131,757	447,556	40,805	1,405	558,025	34	46,946
12	All other states (a)	9	829,262	519,585	157,000	221,699	140,895	309,677	54,047	911	533,007	30	38,196

a Includes establishments distributed as follows: California, 1; Colorado, 1; Delaware, 1; Georgia, 2; Kentucky, 2; Michigan, 1; Wisconsin, 1.

147.—GLASS, CUTTING, STAINING, AND ORNAMENTING.

1	The United States...	279	2,504,089	692,797	132,516	134,000	426,281	1,811,292	272,138	3,794	2,496,420	456	532,192
2	California	9	88,392	31,445	15,750	5,500	10,195	56,947	5,697	94	73,145	11	11,048
3	Connecticut	3	63,500	19,000	2,500	7,000	9,500	44,500	4,725	99	55,245	6	7,560
4	Illinois	23	351,658	94,250	13,300	40,700	40,250	257,408	29,134	600	361,424	44	52,472
5	Kentucky	3	11,125	1,850			1,850	9,275	1,394	23	13,560	5	3,340
6	Maryland	6	12,475	5,775			5,775	6,700	1,727	23	16,064	7	7,344
7	Massachusetts	25	231,013	52,096	10,500	10,000	31,596	178,917	26,999	273	195,933	37	37,809
8	Michigan	3	20,500	7,500			7,500	13,000	2,983	38	28,180	6	7,140
9	Minnesota	5	63,050	9,109	2,000	1,000	6,100	53,950	8,988	92	59,376	16	13,726
10	Missouri	14	120,301	40,295	8,300	7,050	24,945	80,006	13,298	212	100,369	27	27,254
11	New Jersey	10	81,184	41,450	14,200	14,950	12,300	39,734	6,240	85	50,909	13	15,530
12	New York	105	957,369	272,431	49,466	37,350	185,615	684,938	112,624	1,499	1,099,347	198	258,420
13	Ohio	16	85,355	19,375	7,500	2,000	9,875	65,980	9,746	118	71,378	23	22,960
14	Pennsylvania	40	331,232	89,130	8,400	8,100	63,630	251,102	40,405	524	298,901	44	45,194
15	Wisconsin	3	34,175	8,650	600	350	7,900	25,325	2,926	30	22,222	6	7,024
16	All other states and territories. (a)	14	52,760	9,250			9,250	43,510	5,342	75	50,367	13	15,371

a Includes establishments distributed as follows: Colorado, 2; District of Columbia, 2; Indiana, 1; Kansas, 1; Maine, 2; Nebraska, 1; North Carolina, 1; Rhode Island, 2; Tennessee, 1; Texas, 1.

STATES AND TERRITORIES: 1890—Continued.

144.—GAS MACHINES AND METERS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecesworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2	$1,200	826	$541,785	15	$6,819	.....	.....	153	$76,708	4	$500	.....	.....	$675,542	$1,838,644	1
.....	.....	4	2,366	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,517	17,515	2
.....	.....	24	17,357	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,733	54,898	3
.....	.....	93	68,215	4	1,299	.....	.....	15	12,202	.....	.....	.....	.....	77,266	214,513	4
.....	.....	57	34,452	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46,229	120,697	5
.....	.....	18	10,440	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,400	39,330	6
2	1,200	437	260,817	3	1,800	.....	.....	38	24,350	.....	.....	.....	.....	279,384	824,062	7
.....	.....	193	148,138	8	3,720	.....	.....	100	40,156	4	500	.....	.....	241,013	567,629	8

145.—GAS STOVES.

11	6,038	861	476,083	5	1,250	.....	.....	57	29,393	.....	.....	.....	.....	840,126	2,137,944	1
1	520	89	63,921	.....	.....	.....	.....	2	390	.....	.....	.....	.....	101,547	340,831	2
1	300	166	82,530	.....	.....	.....	.....	4	2,060	.....	.....	.....	.....	103,653	250,833	3
.....	.....	23	12,480	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,062	45,265	4
5	3,000	437	235,348	5	1,250	.....	.....	36	18,423	.....	.....	.....	.....	390,460	1,003,300	5
4	2,218	146	81,804	.....	.....	.....	.....	15	8,500	.....	.....	.....	.....	232,404	497,715	6

146.—GLASS. (See special report on Glass in Part III.)

42	15,359	24,337	10,664,728	1,626	273,064	6,498	$918,746	11,727	8,881,623	250	59,181	445	$88,619	12,140,985	41,051,004	1
.....	.....	1,547	628,981	20	3,860	524	62,235	668	492,545	.....	.....	3	430	682,248	2,372,011	2
12	6,002	1,719	631,306	135	14,611	180	19,234	914	790,798	62	13,200	.....	.....	865,374	2,995,409	3
.....	.....	554	145,902	24	6,864	286	33,369	491	505,010	.....	.....	42	5,406	295,337	1,256,697	4
.....	.....	352	143,341	19	3,732	12	1,500	103	51,880	.....	.....	10	1,200	127,180	431,437	5
1	271	866	411,492	.....	.....	97	17,784	150	112,881	.....	.....	.....	.....	557,874	1,215,329	6
12	3,406	2,664	1,023,503	40	8,245	1,026	114,397	1,937	1,582,295	2	160	19	1,500	1,310,953	5,218,152	7
2	592	2,170	1,053,740	62	11,880	481	74,206	417	265,867	30	5,145	69	11,788	825,498	2,723,019	8
11	3,338	3,709	1,738,097	526	71,711	824	121,992	1,344	961,939	12	2,516	20	5,000	1,602,599	5,649,182	9
4	1,750	10,021	4,537,074	659	127,365	2,676	422,502	4,803	3,553,852	90	27,324	261	60,403	5,294,992	17,179,137	10
.....	.....	334	140,289	127	21,796	190	29,206	636	306,060	63	10,836	21	2,892	277,033	945,234	11
.....	.....	401	211,003	14	3,000	202	22,321	264	258,487	.....	.....	.....	.....	301,897	1,065,397	12

147.—GLASS, CUTTING, STAINING, AND ORNAMENTING.

18	9,668	3,042	1,861,281	151	50,712	58	11,427	65	30,170	4	970	.....	.....	2,188,287	6,090,378	1
.....	.....	74	59,485	4	1,404	4	608	.....	.....	1	600	.....	.....	40,854	154,283	2
.....	.....	66	36,762	27	10,923	.....	.....	.....	.....	.....	.....	.....	.....	45,736	122,250	3
4	1,800	520	297,228	12	4,174	10	4,950	1	800	.....	.....	.....	.....	280,790	817,666	4
.....	.....	18	10,220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,429	28,925	5
.....	.....	16	8,720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,460	41,104	6
4	2,060	222	152,896	8	2,750	2	418	.....	.....	.....	.....	.....	.....	162,186	478,116	7
.....	.....	32	21,040	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,760	53,000	8
1	700	75	44,950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43,219	126,460	9
1	200	180	72,655	4	260	.....	.....	.....	.....	.....	.....	.....	.....	95,490	286,959	10
.....	.....	56	30,499	7	2,130	1	80	7	2,600	1	70	.....	.....	51,748	180,303	11
6	4,136	1,196	794,913	51	19,428	3	390	44	21,860	1	200	.....	.....	902,612	2,593,869	12
.....	.....	90	47,208	4	1,030	1	180	.....	.....	.....	.....	.....	.....	208,875	337,900	13
2	772	409	235,770	31	7,813	25	4,442	13	4,910	.....	.....	.....	.....	212,953	662,585	14
.....	.....	32	15,120	.....	.....	1	78	.....	.....	.....	.....	.....	.....	24,219	53,875	15
.....	.....	56	33,815	3	800	2	281	.....	.....	1	100	.....	.....	79,956	153,083	16

TABLE 5.—SPECIFIED INDUSTRIES, BY

148.—GLOVES AND MITTENS. (See also Hosiery and knit goods; Woolen goods.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
				Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
			Aggregate.	Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	324	$5,977,820	$913,116	$162,530	$345,550	$405,036	$5,064,704	$426,937	8,669	$3,109,008	456	$426,122
2	California	21	566,390	37,150	3,000	250	33,900	529,240	36,193	483	261,356	46	56,862
3	Illinois	14	339,605	72,950	16,600	39,300	17,050	266,655	24,259	295	110,712	13	11,300
4	Iowa	8	72,999	11,999	275	2,800	8,924	61,000	7,012	99	35,225	18	9,342
5	Maryland	3	31,443	2,965	200	800	1,965	28,478	3,096	63	10,674	8	3,275
6	Massachusetts	7	19,300	5,000	.....	.....	5,000	14,300	3,392	58	28,894	9	6,366
7	Michigan	5	11,943	1,300	.....	.....	1,300	10,643	1,440	20	8,470	4	2,808
8	Minnesota	4	5,975	1,150	.....	.....	1,150	4,825	1,721	17	8,306	5	2,920
9	Missouri	5	25,555	4,155	600	1,000	2,555	21,400	1,699	60	20,136	5	3,500
10	New Hampshire	10	392,743	92,896	23,550	50,800	18,546	299,847	53,638	407	131,134	20	18,170
11	New Jersey	5	129,020	35,420	1,000	3,000	31,420	93,600	13,431	184	109,608	8	17,040
12	New York	212	4,143,502	611,041	111,255	237,775	262,011	3,532,461	253,785	6,507	2,275,620	294	274,451
13	Ohio	3	7,885	2,510	50	300	2,160	5,375	1,259	24	6,558	1	585
14	Pennsylvania	4	44,900	7,300	1,200	300	5,800	37,600	2,831	44	16,116	2	1,400
15	Virginia	5	31,825	10,450	3,500	5,500	1,450	21,375	2,250	233	28,822	8	5,416
16	Wisconsin	13	143,560	15,305	1,300	3,725	10,280	128,255	13,062	154	48,165	9	7,849
17	All other states (a)	5	11,175	1,525	.....	.....	1,525	9,650	7,869	20	9,212	6	4,838

a Includes establishments distributed as follows: Indiana, 2; Nebraska, 1; Oregon, 1; Washington, 1.

149.—GLUCOSE.

1	The United States...	7	5,991,023	4,470,000	870,000	1,400,000	2,200,000	1,521,023	923,429	1,759	974,406	35	72,320
2	Illinois	4	3,179,714	2,435,000	585,000	950,000	900,000	744,714	334,729	907	570,958	29	66,960
3	All other states (a)	3	2,811,309	2,035,000	285,000	450,000	1,300,000	776,309	588,700	852	403,448	6	5,360

a Includes establishments distributed as follows: Iowa, 1; Kansas, 1; New York, 1.

150.—GLUE. (See special report on Glue in Part III.)

1	The United States...	62	4,859,266	1,972,993	564,475	719,631	688,887	2,886,273	420,913	1,836	823,452	138	146,687
2	California	4	103,275	78,000	23,000	19,500	35,500	25,275	6,986	36	21,929	3	2,590
3	Indiana	3	93,815	28,170	.....	.....	28,170	65,645	10,350	66	29,944	5	6,900
4	Massachusetts	11	735,884	332,500	126,350	106,600	99,550	403,384	61,246	355	157,128	9	8,828
5	New Jersey	3	149,500	88,500	10,500	43,000	35,000	61,000	4,555	74	39,777	4	5,418
6	New York	14	1,481,212	449,675	69,475	211,000	169,200	1,031,537	145,540	423	242,379	50	65,486
7	Ohio	5	226,192	124,400	45,300	42,500	36,600	101,792	20,160	86	30,392	8	7,800
8	Pennsylvania	9	1,401,565	417,823	117,750	151,231	148,842	983,742	142,504	518	184,183	32	25,575
9	All other states and territories. (a)	13	667,823	453,925	172,100	145,800	136,025	213,898	29,572	278	117,720	27	24,090

a Includes establishments distributed as follows: District of Columbia, 1; Illinois, 1; Kentucky, 1; Maine, 1; Maryland, 2; Michigan, 1; Missouri, 1; New Hampshire, 2; Virginia, 1; West Virginia, 1; Wisconsin, 1.

151.—GOLD AND SILVER, LEAF AND FOIL.

1	The United States...	81	1,105,198	548,026	109,900	197,650	240,476	557,172	46,863	1,499	800,796	84	96,409
2	Connecticut	3	55,300	40,200	15,000	12,000	13,200	15,100	2,217	19	12,188	1	2,500
3	Illinois	4	25,450	13,100	3,600	2,900	6,600	12,350	1,282	90	46,246	4	4,442
4	Maryland	4	23,990	17,350	3,300	7,950	6,100	6,640	1,555	71	19,994	2	1,940
5	Massachusetts	6	35,525	11,700	2,000	3,500	6,200	23,825	3,794	88	48,677	4	3,028
6	New Jersey	7	20,488	10,300	3,800	2,450	4,050	10,188	1,429	54	21,214	7	5,824
7	New York	42	327,165	141,276	17,850	35,550	87,876	185,889	18,214	695	428,117	43	56,598
8	Pennsylvania	10	605,145	310,700	04,000	133,000	113,700	294,445	17,100	452	209,928	18	17,557
9	All other states (a)	5	12,135	3,400	350	300	2,750	8,735	1,272	30	14,432	5	4,520

a Includes establishments distributed as follows: California, 1; Kentucky, 1; Ohio, 2; Rhode Island, 1.

STATES AND TERRITORIES: 1890—Continued.

148.—GLOVES AND MITTENS. (See also Hosiery and knit goods; Woolen goods.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
26	$12,542	1,807	$954,891	1,121	$332,097	84	$11,411	1,191	$551,494	3,970	$818,846	14	$1,605	$5,021,144	$10,103,821	1
4	2,210	91	57,396	102	42,958	33	5,184	46	34,156	161	62,590	.....	.....	329,723	754,074	2
2	676	76	40,534	91	32,229	.....	.....	26	8,928	88	17,045	.....	.....	304,900	512,171	3
.....	.....	26	13,268	41	10,945	6	750	.....	.....	8	900	.....	.....	52,305	128,800	4
.....	.....	1	300	8	1,307	.....	.....	.....	.....	43	5,492	3	300	16,788	42,120	5
.....	.....	10	5,311	12	4,694	.....	.....	6	7,000	21	6,123	.....	.....	37,613	80,950	6
1	780	1	468	14	4,414	.....	.....	.....	.....	.....	.....	.....	.....	7,505	24,516	7
.....	.....	4	3,050	7	2,128	.....	.....	.....	.....	1	208	.....	.....	6,728	18,870	8
.....	.....	18	9,276	16	4,112	1	104	2	1,200	18	1,944	.....	.....	27,992	56,497	9
3	1,340	95	39,965	15	3,975	25	3,080	68	27,640	181	36,964	.....	.....	246,713	480,315	10
1	680	42	29,812	35	11,430	.....	.....	37	31,160	61	19,486	.....	.....	91,214	260,690	11
5	2,432	1,372	728,271	539	184,636	12	1,494	989	432,082	3,285	650,949	11	1,305	3,724,094	7,369,730	12
.....	.....	7	3,037	3	624	.....	.....	2	1,200	11	1,112	.....	.....	6,224	16,750	13
5	1,560	11	3,638	5	990	.....	.....	6	3,848	15	4,680	.....	.....	33,567	62,212	14
1	200	15	4,611	198	16,720	4	600	2	675	5	600	.....	.....	36,455	92,493	15
2	1,440	37	14,884	30	10,135	3	199	7	3,605	66	10,053	.....	.....	79,396	162,123	16
2	1,224	1	1,050	5	1,400	.....	.....	.....	.....	6	700	.....	.....	19,927	41,510	17

149.—GLUCOSE.

.....	.....	1,714	897,562	5	1,524	.....	.....	5	3,000	.....	.....	.....	.....	5,029,131	7,756,686	1
.....	.....	876	503,398	2	600	.....	.....	.....	.....	.....	.....	.....	.....	2,735,483	4,370,322	2
.....	.....	838	394,164	3	924	.....	.....	5	3,000	.....	.....	.....	.....	2,293,648	3,386,364	3

150.—GLUE. (See special report on Glue in Part III.)

1	676	1,535	638,563	34	8,256	67	9,470	45	18,200	16	1,600	.....	.....	2,510,927	4,270,460	1
.....	.....	33	19,339	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37,656	83,912	2
.....	.....	55	22,380	.....	.....	6	664	.....	.....	.....	.....	.....	.....	65,500	131,722	3
.....	.....	329	143,978	17	4,322	.....	.....	.....	.....	.....	.....	.....	.....	365,468	648,848	4
.....	.....	68	33,573	2	786	.....	.....	.....	.....	.....	.....	.....	.....	28,051	125,353	5
1	676	329	158,501	.....	.....	2	116	41	17,600	.....	.....	.....	.....	834,583	1,369,309	6
.....	.....	78	22,592	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72,047	152,614	7
.....	.....	405	147,460	5	648	56	8,300	4	600	16	1,600	.....	.....	739,625	1,227,226	8
.....	.....	238	90,740	10	2,500	3	390	.....	.....	.....	.....	.....	.....	367,997	531,476	9

151.—GOLD AND SILVER, LEAF AND FOIL.

10	6,220	629	420,806	496	155,743	18	2,797	95	68,101	167	50,720	.....	.....	1,834,716	2,977,791	1
.....	.....	12	8,052	6	1,636	.....	.....	.....	.....	.....	.....	.....	.....	247,406	276,300	2
2	800	12	11,272	22	6,332	.....	.....	20	14,560	30	8,840	.....	.....	71,557	135,312	3
.....	.....	23	8,226	24	4,748	.....	.....	.....	.....	22	5,080	.....	.....	57,017	93,835	4
1	220	17	8,872	12	4,368	.....	.....	29	24,063	25	8,126	.....	.....	66,271	126,105	5
.....	.....	23	11,388	5	1,386	1	156	.....	.....	18	2,460	.....	.....	62,992	95,070	6
5	4,368	318	240,759	234	86,298	13	1,916	39	23,708	43	14,470	.....	.....	587,171	1,174,187	7
2	832	210	125,829	180	49,831	4	725	6	4,970	23	10,184	.....	.....	685,530	986,472	8
.....	.....	14	6,408	4	1,144	.....	.....	1	800	6	1,560	.....	.....	56,772	90,510	9

TABLE 5.—SPECIFIED INDUSTRIES, BY

152.—GOLD AND SILVER, REDUCING AND REFINING, NOT FROM THE ORE.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.							AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.	Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	38	$4,763,397	$2,032,781	$248,000	$1,135,111	$649,670	$2,730,616	$354,113	966	$771,030	83	$145,422
2	New Jersey	6	114,950	17,300	.....	.....	17,300	97,650	8,035	33	24,504	6	7,280
3	New York	10	231,050	43,800	6,000	11,000	26,800	187,250	13,920	51	56,229	23	33,620
4	Pennsylvania	6	1,264,225	653,025	50,000	200,000	403,025	611,200	18,919	124	109,606	14	26,020
5	Rhode Island	10	300,425	109,200	29,000	38,000	42,200	191,225	19,370	81	79,538	11	30,742
6	All other states (a)	6	2,852,747	1,209,456	163,000	886,111	160,345	1,643,291	293,869	677	501,153	29	47,760

a Includes establishments distributed as follows: Connecticut, 1; Illinois, 1; Kansas, 1; Louisiana, 1; Massachusetts, 1; Ohio, 1.

153.—GRAPHITE.

1	The United States (a)...	3	38,614	9,500	.....	.....	9,500	29,114	4,999	21	10,442	3	1,434

a Includes establishments distributed as follows: Massachusetts, 1; Michigan, 1; Pennsylvania, 1.

154.—GREASE AND TALLOW. (See also Axle grease; Soap and candles.)

1	The United States...	233	4,336,193	2,746,979	933,080	1,017,144	796,755	1,589,214	278,334	1,787	1,079,284	313	283,444
2	California	5	114,160	39,500	21,000	6,500	12,000	74,660	9,785	22	16,576	8	6,516
3	Colorado	3	110,125	75,950	20,000	25,200	30,750	34,175	282	21	7,528	1	780
4	Connecticut	7	37,390	22,200	3,250	4,700	14,250	15,190	4,383	27	19,800	10	11,040
5	Illinois	19	505,912	401,130	168,600	133,530	99,000	104,782	24,484	212	133,952	26	25,702
6	Indiana	8	37,433	12,425	700	2,200	9,525	25,008	5,534	36	19,099	9	7,349
7	Iowa	9	37,760	22,450	6,700	4,150	11,600	15,310	2,799	36	19,118	10	5,806
8	Kansas	5	175,800	159,050	72,000	45,700	41,350	16,750	11,476	87	48,729	13	11,886
9	Kentucky	5	55,046	25,900	15,930	7,300	2,670	29,146	1,929	16	8,996	6	3,792
10	Maine	3	9,800	4,800	550	2,400	1,850	5,000	3,645	16	7,819	5	3,175
11	Maryland	4	113,370	31,385	5,200	17,800	8,385	81,985	3,242	29	15,405	7	5,300
12	Massachusetts	47	1,227,578	814,779	301,680	414,064	99,035	412,799	66,022	385	230,788	59	56,594
13	Minnesota	4	108,281	98,500	17,800	28,500	52,200	9,781	2,765	43	27,574	13	10,413
14	Missouri	14	80,593	46,300	5,300	13,800	27,200	40,293	10,531	74	49,173	17	18,724
15	Nebraska	4	25,100	20,100	5,000	3,300	11,800	5,000	3,266	24	17,436	6	5,580
16	New Jersey	8	157,960	86,335	25,850	32,700	27,785	71,625	6,550	65	40,783	9	8,498
17	New York	32	522,108	301,625	116,370	101,350	83,905	220,483	36,946	189	126,301	47	43,478
18	Ohio	12	117,825	68,400	30,000	11,800	26,600	49,425	10,663	81	45,730	18	14,692
19	Pennsylvania	18	450,830	218,600	81,000	75,360	62,300	232,230	31,291	183	112,116	26	24,394
20	Rhode Island	3	125,325	79,800	10,000	30,000	39,800	45,525	23,528	83	51,673	3	2,100
21	Wisconsin	9	70,350	42,900	12,550	16,650	13,700	27,450	4,700	32	18,831	6	6,800
22	All other states and territories. (a)	14	247,447	174,850	13,600	40,200	121,050	72,597	14,513	126	61,857	14	10,825

a Includes establishments distributed as follows: Delaware, 2; District of Columbia, 1; Louisiana, 1; Michigan, 2; New Hampshire, 2; Oregon, 1; South Carolina, 1; Vermont, 1; Virginia, 1; Washington, 1; West Virginia, 1.

155.—GRINDSTONES.

1	The United States...	9	78,750	32,500	3,500	3,500	25,500	46,250	5,799	132	56,980	8	5,204
2	Ohio	6	27,750	16,500	3,000	1,500	12,000	11,250	1,622	68	25,340	5	2,924
3	All other states (a)	3	51,000	16,000	500	2,000	13,500	35,000	4,177	64	31,640	3	2,280

a Includes establishments distributed as follows: Massachusetts, 1; Michigan, 1; Pennsylvania, 1.

156.—GUNPOWDER. (See also Ammunition; High explosives, and special report on Chemicals and allied products in Part III.)

1	The United States...	37	9,609,975	5,001,388	942,756	1,657,604	2,401,028	4,608,587	959,240	1,730	1,002,694	106	166,201
2	New York	6	593,228	393,842	26,875	185,000	181,967	199,386	40,486	133	71,466	4	182
3	Ohio	5	1,709,000	908,724	128,000	314,724	466,000	800,276	270,187	279	191,920	29	58,670
4	Pennsylvania	15	2,203,901	1,598,894	242,014	314,180	1,042,700	605,007	148,422	475	255,220	28	42,599
5	All other states (a)	11	5,103,846	2,099,928	545,867	843,700	710,361	3,003,918	500,145	843	484,088	45	64,750

a Includes establishments distributed as follows: Connecticut, 2; Delaware, 1; Kansas, 1; Maine, 2; Massachusetts, 1; New Jersey, 2; Tennessee, 1; Wisconsin, 1.

STATES AND TERRITORIES: 1890—Continued.

152.—GOLD AND SILVER, REDUCING AND REFINING, NOT FROM THE ORE.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	864	$613,369	1	$416	2	$462	15	$11,136	1	$225	.....	.....	$30,005,096	$32,035,520	1
.....	.....	23	14,572	1	416	.....	.....	3	2,236	.....	.....	.....	.....	545,775	607,807	2
.....	.....	27	22,384	.....	.....	.....	.....	.....	.....	1	225	.....	.....	1,383,197	1,507,800	3
.....	.....	110	83,586	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,319,823	8,531,183	4
.....	.....	67	46,904	.....	.....	1	192	2	1,700	.....	.....	.....	.....	1,102,188	1,419,553	5
.....	.....	637	445,923	.....	.....	1	270	10	7,200	.....	.....	.....	.....	18,594,133	19,969,177	6

153.—GRAPHITE.

.....	.....	17	8,688	1	320	.....	.....	.....	.....	.....	.....	.....	.....	26,380	54,605	1

154.—GREASE AND TALLOW. (See also Axle grease; Soap and candles.)

4	$1,952	1,431	785,078	7	2,296	24	6,164	8	350	.....	.....	.....	.....	5,135,901	7,474,911	1
.....	.....	14	10,060	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	136,084	172,980	2
.....	.....	18	6,228	1	312	1	208	.....	.....	.....	.....	.....	.....	7,687	19,240	3
.....	.....	17	8,760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61,932	97,385	4
.....	.....	170	103,066	.....	.....	16	5,184	.....	.....	.....	.....	.....	.....	531,606	901,987	5
.....	.....	27	11,750	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,518	79,281	6
.....	.....	24	12,544	2	768	.....	.....	.....	.....	.....	.....	.....	.....	94,731	136,008	7
.....	.....	67	36,593	.....	.....	.....	.....	7	250	.....	.....	.....	.....	103,199	181,150	8
.....	.....	10	5,204	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50,915	64,650	9
1	456	10	4,188	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,467	31,964	10
.....	.....	21	10,005	.....	.....	.....	.....	1	100	.....	.....	.....	.....	187,424	220,735	11
2	1,080	322	172,466	2	648	.....	.....	.....	.....	.....	.....	.....	.....	1,007,331	1,474,605	12
.....	.....	30	17,161	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,699	65,682	13
.....	.....	57	30,449	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	347,391	441,090	14
.....	.....	18	11,856	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30,380	64,100	15
.....	.....	56	32,285	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	219,687	274,507	16
.....	.....	142	82,823	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	787,139	1,054,044	17
.....	.....	61	30,838	.....	.....	2	200	.....	.....	.....	.....	.....	.....	226,095	371,957	18
1	416	155	87,206	1	100	.....	.....	.....	.....	.....	.....	.....	.....	895,081	1,160,729	19
.....	.....	79	49,105	1	468	.....	.....	.....	.....	.....	.....	.....	.....	184,180	325,350	20
.....	.....	26	12,031	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,202	66,986	21
.....	.....	107	50,480	.....	.....	5	572	.....	.....	.....	.....	.....	.....	151,063	270,391	22

155.—GRINDSTONES.

.....	.....	123	51,686	.....	.....	1	90	.....	.....	.....	.....	.....	.....	34,742	122,240	1
.....	.....	62	22,326	.....	.....	1	90	.....	.....	.....	.....	.....	.....	15,592	57,740	2
.....	.....	61	29,360	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,150	64,500	3

156.—GUNPOWDER. (See also Ammunition; High explosives, and special report on Chemicals and allied products in Part III.)

2	1,300	1,573	806,991	.....	.....	10	1,637	39	26,565	.....	.....	.....	.....	3,279,004	6,752,343	1
.....	.....	129	71,284	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	255,494	603,794	2
1	500	219	114,750	.....	.....	.....	.....	30	18,000	.....	.....	.....	.....	602,815	1,477,970	3
.....	.....	435	209,737	.....	.....	10	1,637	2	1,247	.....	.....	.....	.....	782,974	1,322,881	4
1	800	790	411,220	.....	.....	.....	.....	7	7,318	.....	.....	.....	.....	1,637,721	3,347,698	5

TABLE 5.—SPECIFIED INDUSTRIES, BY

157.—HAIRWORK.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	492	$1,362,993	$342,412	$125,000	$115,790	$101,622	$1,020,581	$282,152	1,945	$870,601	250	$219,979
2	California	20	37,047	2,170			2,170	34,877	18,503	86	47,719	11	12,756
3	Connecticut	5	6,000	2,450	750	750	950	3,550	1,144	13	5,579	4	1,890
4	District of Columbia	11	38,830	12,725	9,000	1,000	2,725	26,105	4,477	30	15,434	5	3,590
5	Illinois	41	125,402	9,285	3,000	1,500	4,785	116,117	36,703	253	121,872	31	32,757
6	Indiana	4	2,095	140			140	1,955	1,060	13	4,056	2	1,540
7	Iowa	9	4,935	505			505	4,430	2,331	19	5,349	1	600
8	Kentucky	12	16,655	2,660	1,000	1,000	660	13,995	3,122	38	13,920	6	2,914
9	Louisiana	12	15,630	6,965	3,000	3,000	965	8,665	2,952	33	10,193	8	4,707
10	Maine	3	7,650	750			750	6,900	364	7	1,874	1	312
11	Maryland	8	12,261	3,611	1,600	1,640	371	8,650	1,919	26	7,480	1	416
12	Massachusetts	50	80,727	13,667	150	2,000	11,517	67,060	33,264	136	55,206	13	9,740
13	Michigan	6	8,012	1,175			1,175	6,837	1,418	18	8,146	1	1,040
14	Minnesota	9	10,440	1,265		600	665	9,175	6,470	30	12,494	1	1,200
15	Missouri	12	68,350	12,665		6,000	6,665	55,685	12,015	100	40,396	7	8,000
16	New Hampshire	3	7,215	225			225	6,990	1,241	9	4,288	3	2,352
17	New Jersey	13	32,545	15,540	7,500	6,500	1,540	17,005	3,688	41	19,393	4	3,796
18	New York	129	432,242	91,522	39,860	24,200	27,522	340,720	79,013	579	285,674	93	84,495
19	Ohio	38	73,277	31,300	15,000	12,000	4,300	41,977	16,427	145	61,570	13	13,344
20	Pennsylvania	57	288,717	110,292	39,000	46,600	24,692	178,425	33,216	222	90,951	24	19,972
21	Rhode Island	13	17,190	2,125			2,125	15,065	4,861	31	13,816	4	3,130
22	Tennessee	3	1,535	50			50	1,485	2,020	3	2,096	2	1,616
23	Texas	3	3,380	1,230			1,230	2,150	1,189	6	2,840		
24	Virginia	4	10,305	3,480	1,200	1,800	480	6,825	802	21	5,008	1	800
25	Wisconsin	16	38,813	14,600	4,000	7,200	3,400	24,213	6,140	50	16,903	10	6,288
26	All other states (a)	11	23,740	2,015			2,015	21,725	7,753	36	18,344	4	2,724

a Includes establishments distributed as follows: Colorado, 2; Georgia, 2; Kansas, 1; Nebraska, 1; Oregon, 2; South Carolina, 2; West Virginia, 1.

158.—HAMMOCKS.

1	The United States (a)...	6	65,525	5,200	200	700	4,300	60,325	3,369	86	18,359	6	3,755

a Includes establishments distributed as follows: Massachusetts, 4; Ohio, 1; Wisconsin, 1.

159.—HAND KNIT GOODS.

1	The United States...	28	78,468	34,915	10,300	9,700	14,915	43,553	20,352	224	61,989	27	22,224
2	Kentucky	4	735	190			190	545	410	8	2,950		
3	New Jersey	3	4,295	3,000			3,000	1,295	622	49	16,988	4	3,000
4	New York	9	36,260	22,400	9,400	6,700	6,300	13,860	1,515	49	19,670	9	7,088
5	All other states (a)	12	37,178	9,325	900	3,000	5,425	27,853	17,805	118	28,381	14	12,136

a Includes establishments distributed as follows: California, 1; Iowa, 1; Maryland, 1; Massachusetts, 1; Michigan, 1; Nebraska, 1; New Hampshire, 1; Ohio, 2; Oregon, 1; Pennsylvania, 2.

160.—HAND STAMPS.

1	The United States...	234	998,873	557,508	79,000	52,000	426,508	441,365	126,548	1,068	650,647	303	271,200
2	California	14	84,055	34,650			34,650	49,405	6,673	56	44,501	19	23,197
3	Colorado	5	19,925	7,800			7,800	12,125	4,080	18	14,444	5	5,556
4	Connecticut	7	13,295	5,400			5,400	7,895	15,956	37	15,185	7	5,545
5	Georgia	4	8,550	3,900			3,900	4,650	1,184	14	8,104	7	4,736
6	Illinois	13	39,757	13,600			13,600	26,157	8,269	62	43,135	16	15,910
7	Indiana	5	10,800	5,800			5,800	5,000	1,717	17	8,575	3	2,780
8	Iowa	6	8,415	6,150			6,150	2,265	642	12	7,147	6	4,122
9	Kansas	3	2,110	1,500			1,500	610	1,746	8	4,351	3	1,895
10	Kentucky	5	10,708	7,410			7,410	3,298	1,719	12	6,644	5	4,070
11	Maryland	5	61,750	33,800	15,000	5,000	13,800	27,950	7,719	56	23,380	6	4,348
12	Massachusetts	23	64,732	33,508			33,508	31,224	10,992	85	55,116	27	23,109
13	Michigan	6	7,930	4,445			4,445	3,485	1,945	17	5,237	7	3,629
14	Minnesota	7	18,885	10,900			10,900	7,985	4,635	29	16,814	9	6,776
15	Missouri	9	38,800	17,000			17,000	21,800	7,607	46	27,364	18	14,900
16	Nebraska	6	17,050	9,500			9,500	7,550	2,681	23	15,954	5	4,766
17	New York	43	230,240	149,475	26,500	11,500	111,475	80,765	20,114	235	154,026	59	53,902
18	Ohio	22	36,715	24,075			24,075	12,640	7,567	76	43,474	31	27,838
19	Oregon	3	5,550	3,400			3,400	2,150	896	7	4,890	4	3,200
20	Pennsylvania	17	116,613	50,045			50,045	66,568	7,831	106	73,531	30	29,837
21	Texas	5	11,925	8,100			8,100	3,825	1,846	11	7,134	4	3,274
22	Virginia	5	19,980	17,100	6,500	5,500	5,100	2,880	2,776	15	8,396	5	5,420
23	Washington	6	32,600	27,600	15,000	8,000	4,600	5,000	2,019	23	8,969	8	6,260
24	Wisconsin	5	76,873	46,200	2,000	13,000	31,200	30,673	3,420	38	20,590	9	6,670
25	All other states (a)	10	61,615	36,150	14,000	9,000	13,150	25,465	3,414	65	33,686	10	0,400

a Includes establishments distributed as follows: Alabama, 1; Arkansas, 1; Maine, 1; New Jersey, 2; Rhode Island, 2; South Carolina, 1; South Dakota, 1; Tennessee, 1.

STATES AND TERRITORIES: 1890—Continued.

157.—HAIRWORK.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
298	$160,368	210	$114,484	941	$307,043	23	$5,158	74	$23,088	148	$40,390	1	$91	$846,045	$2,489,061	1
10	6,731	9	5,098	56	23,134									20,197	100,767	2
4	1,040	2	1,505	3	1,144									2,387	13,441	3
7	4,750	1	260	17	6,834									15,124	41,200	4
23	11,283	15	10,308	122	43,302	2	250	13	7,072	47	16,900			93,931	316,317	5
2	400			9	2,116									2,504	9,378	6
6	2,244	3	1,040	9	1,465									4,735	15,112	7
9	4,610			23	6,396									13,410	34,149	8
4	1,314	3	1,392	16	2,480			1	150	1	150			5,915	22,538	9
				6	1,562									1,720	5,000	10
4	1,768			18	4,360					3	936			9,265	24,313	11
31	13,276	13	5,556	74	25,284					5	1,350			53,090	183,024	12
3	2,116			6	2,115	7	2,800			1	75			5,024	16,825	13
9	6,550			20	4,744									14,827	37,288	14
16	6,426	7	4,470	70	21,500									54,410	136,315	15
		5	1,624	1	312									4,799	15,400	16
7	5,078	3	2,028	26	8,335	1	156							16,618	49,953	17
72	41,867	96	53,912	232	84,056	3	308	56	14,366	27	6,670			330,627	856,627	18
29	19,829	5	1,940	70	19,467	2	464			25	6,435	1	91	47,549	155,775	19
36	15,922	32	17,820	87	28,783	8	1,180	3	900	32	6,374			105,230	304,194	20
2	590	11	5,910	7	2,136			1	600	6	1,450			11,860	36,020	21
				1	480									1,695	8,100	22
2	1,524			4	1,316									2,950	8,300	23
3	1,912	1	312	16	1,984									2,218	8,800	24
8	3,566	2	685	29	6,314					1	50			15,882	47,350	25
11	7,572	2	624	19	7,424									10,078	42,875	26

158.—HAMMOCKS.

		13	5,343	14	2,799			3	1,710	50	4,752			26,535	60,254	1

159.—HAND KNIT GOODS.

11	3,914	12	5,887	78	13,059	8	490	17	6,300	71	10,115			88,280	205,775	1
4	1,650			4	1,300									5,420	9,800	2
		1	1,000	9	1,698					35	5,290			18,450	31,950	3
1	200	6	1,962	23	5,820			10	4,600					31,491	67,510	4
6	2,064	5	2,925	42	4,241	8	490	7	1,700	36	4,825			32,919	96,515	5

160.—HAND STAMPS.

60	35,358	547	287,776	60	15,579	41	6,448	50	30,565	7	3,721			432,687	1,583,872	1
		33	19,640	2	988	1	156	1	520					29,582	109,932	2
		11	7,484	1	624			1	780					14,254	49,300	3
		12	5,430	18	4,210									15,701	55,971	4
		5	3,068			2	300							2,973	18,675	5
42	26,416	3	734			1	75							25,803	95,995	6
		12	5,337			1	208			1	250			3,644	19,379	7
		6	3,025											5,312	14,475	8
		2	480	3	1,976									1,117	7,790	9
1	312	4	2,080			2	182							3,820	16,158	10
1	300	44	17,972	1	350	4	410							21,046	71,954	11
1	1,500	41	23,071	6	1,689	1	125	5	3,399	4	2,223			45,664	138,124	12
1	130	7	1,218	1	200	1	60							5,262	16,555	13
1	780	17	8,928			1	130	1	200					7,065	49,351	14
		20	10,842	4	842	4	780							23,466	65,900	15
3	1,144	12	9,004			2	442	1	598					7,177	31,000	16
7	3,796	143	85,308	9	1,804	7	1,156	10	8,000					84,135	333,925	17
1	260	27	11,960	10	1,700	5	716	2	1,000					15,606	90,825	18
		2	1,440			1	250							2,300	12,700	19
1	360	49	27,986	2	468	7	1,308	17	13,572					50,713	168,662	20
		7	3,860											4,335	16,185	21
		10	2,976											4,898	20,100	22
		15	2,709											6,581	25,535	23
1	360	28	13,560											22,212	66,300	24
		37	19,664	3	728	1	150	12	2,496	2	1,248			30,016	89,081	25

TABLE 5.—SPECIFIED INDUSTRIES, BY

161.—HARDWARE. (See also Cutlery and edge tools; Tools, not elsewhere specified.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	350	$26,271,840	$12,330,030	$1,929,035	$3,660,404	$6,740,591	$13,941,810	$2,400,827	19,671	$9,911,486	1,124	$1,232,122
2	Connecticut	70	13,453,539	6,009,300	719,109	2,030,811	3,259,380	7,444,239	1,501,598	8,507	4,419,159	377	432,017
3	Illinois	38	2,443,225	1,342,772	366,003	260,621	716,148	1,100,453	308,753	1,918	1,057,946	139	155,728
4	Maine	6	41,802	14,850	350	600	13,900	26,952	1,899	40	18,273	6	5,576
5	Massachusetts	37	956,288	393,958	44,688	66,312	282,958	562,330	69,641	787	423,948	64	72,845
6	New Hampshire	3	153,067	72,550	5,050	25,100	42,400	80,517	11,923	94	46,926	4	6,300
7	New Jersey	25	726,743	266,803	59,025	54,321	153,457	459,940	27,925	615	305,623	59	71,285
8	New York	77	3,031,245	1,379,938	203,073	313,073	863,792	1,651,307	244,514	2,833	1,501,073	229	262,435
9	Ohio	26	837,727	431,255	33,540	122,881	274,834	406,472	51,058	802	329,845	53	45,704
10	Pennsylvania	37	3,329,426	1,681,338	331,495	606,910	742,933	1,639,088	104,986	3,164	1,388,846	133	125,715
11	Rhode Island	4	444,683	217,027	10,727	75,000	131,300	227,656	32,378	172	105,623	4	3,300
12	Vermont	4	35,000	14,150	5,000	3,000	6,150	20,850	1,636	38	19,612	5	3,600
13	West Virginia	3	135,421	86,140	12,050	23,190	50,900	49,281	7,016	85	26,624	4	4,524
14	Wisconsin	3	233,785	125,799	42,000	33,710	50,089	107,986	13,934	162	80,822	12	14,419
15	All other states (a)	17	458,889	294,150	96,925	44,875	152,350	164,739	23,566	454	187,166	35	28,674

a Includes establishments distributed as follows: Alabama, 1; California, 1; Georgia, 1; Indiana, 1; Iowa, 2; Kansas, 1; Kentucky, 1; Maryland, 1; Michigan, 1; Minnesota 1; Missouri, 2; Nebraska, 2; Oregon, 1; Texas, 1.

162.—HARDWARE, SADDLERY.

1	The United States...	102	3,376,356	1,284,496	204,150	315,364	764,982	2,091,860	250,668	3,179	1,547,295	249	281,719
2	California	4	6,765	6,180	5,000	500	680	585	511	9	3,994	5	2,418
3	Connecticut	6	506,635	170,450	4,000	50,500	115,950	336,185	38,078	499	253,637	28	36,515
4	Illinois	6	56,228	19,100	.....	.....	19,100	37,128	3,628	66	32,631	6	4,480
5	Massachusetts	6	44,882	14,010	.....	.....	14,010	30,872	5,638	61	35,910	6	4,260
6	New Jersey	34	1,335,413	452,329	62,500	72,400	317,429	883,084	117,238	1,178	634,237	105	125,825
7	New York	16	547,471	279,347	67,000	93,797	118,550	268,124	34,406	501	224,771	40	47,344
8	Ohio	8	622,200	188,230	17,150	40,167	124,913	433,970	39,477	613	234,552	29	36,105
9	Pennsylvania	17	213,566	124,459	44,700	39,800	39,950	89,116	7,670	168	84,935	24	16,442
10	All other states (a)	5	43,196	30,400	3,800	12,200	14,400	12,796	4,022	84	42,628	6	8,330

a Includes establishments distributed as follows: Michigan, 1; New Hampshire, 2; Vermont, 1; Wisconsin, 1.

163.—HAT AND CAP MATERIALS.

1	The United States...	73	1,709,650	577,880	87,300	139,500	351,080	1,131,770	146,073	1,705	844,352	112	143,857
2	Connecticut	18	773,879	162,250	23,800	51,000	87,450	611,629	56,087	632	303,203	24	27,358
3	Massachusetts	3	31,752	26,489	1,000	500	24,989	5,263	5,089	15	8,390	6	4,990
4	New Jersey	14	260,340	185,915	38,500	53,000	94,415	74,425	18,513	224	135,178	17	22,014
5	New York	29	479,457	133,961	15,000	16,000	102,961	345,496	60,892	720	344,678	51	77,630
6	Pennsylvania	9	164,222	69,265	9,000	19,000	41,265	94,957	5,492	114	52,903	14	11,865

164.—HATS AND CAPS, NOT INCLUDING WOOL HATS. (See also Fur goods; Straw goods, not elsewhere specified.)

1	The United States...	705	13,724,002	5,056,721	1,085,652	1,710,327	2,260,742	8,667,281	1,651,268	27,193	14,111,747	1,233	1,445,350
2	California	17	80,462	17,930	.....	.....	17,930	62,532	8,384	131	72,644	20	14,912
3	Connecticut	50	2,542,892	982,872	131,152	379,461	472,259	1,560,020	346,981	6,188	3,284,863	122	177,136
4	Illinois	20	118,872	37,125	4,500	4,000	28,625	81,747	17,908	210	119,998	28	29,452
5	Iowa	3	12,250	6,500	.....	.....	6,500	5,750	1,953	23	8,900	2	1,500
6	Kentucky	3	1,065	200	.....	.....	200	865	342	7	2,822	1	800
7	Louisiana	3	5,310	5,075	1,750	1,750	1,575	235	669	4	1,600	3	1,456
8	Maine	3	14,350	2,200	.....	.....	2,200	12,150	1,274	22	12,748	3	2,956
9	Maryland	19	724,807	139,655	350	900	138,405	585,152	86,682	844	305,122	40	25,660
10	Massachusetts	54	1,052,362	375,871	17,750	87,566	270,555	676,491	171,595	2,437	962,229	112	120,162
11	Michigan	8	85,854	52,375	800	20,000	31,575	33,479	7,573	197	75,648	11	9,864
12	Missouri	9	41,304	4,755	.....	.....	4,755	36,549	4,691	108	62,088	13	18,356
13	New Jersey	87	2,655,707	1,095,586	188,700	435,500	471,386	1,560,121	232,206	6,688	3,568,242	154	206,934
14	New York	283	3,449,054	954,842	202,700	220,350	531,792	2,494,212	381,191	7,090	4,187,672	507	645,708
15	Ohio	27	160,825	39,575	.....	.....	39,575	121,250	17,130	405	151,175	42	36,563
16	Pennsylvania	93	2,475,867	1,211,920	537,250	495,700	178,970	1,263,947	342,138	2,263	1,120,802	136	122,359
17	Rhode Island	4	22,150	10,600	.....	.....	10,600	11,550	1,890	152	24,882	6	2,636
18	Wisconsin	9	240,266	104,750	700	65,100	38,950	135,516	20,363	344	119,917	15	16,486
19	All other states and territories. (a)	13	40,605	14,890	.....	.....	14,890	25,715	8,298	80	30,389	18	12,410

a Includes establishments distributed as follows: District of Columbia, 2; Georgia, 2; Indiana, 1; Minnesota, 2; Nebraska, 1; Oregon, 2; Texas, 1; Virginia, 1; West Virginia, 1.

STATES AND TERRITORIES: 1890—Continued.

161.—HARDWARE. (See also Cutlery and edge tools; Tools, not elsewhere specified.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wagee.	Number.	Wages.			
52	$23,297	12,505	$6,257,169	1,156	$294,219	603	$88,916	3,747	$1,908,106	376	$91,351	108	$16,306	$10,186,442	$26,726,463	1
22	9,190	5,139	2,695,814	673	181 103	150	27,401	1,812	986,489	299	80,552	35	6,593	4,407,986	11,995,023	2
9	4,697	1,451	763,255	60	20,559	22	2,877	237	110,830	.....	.....	.....	.....	1,212,568	3,099,103	3
.....	.....	30	12,445	.....	.....	.....	.....	4	252	.....	.....	.....	.....	9,997	51,364	4
3	1,370	499	261,339	68	21,894	9	1,428	133	63,532	11	1,540	.....	.....	454,115	1,138,867	5
.....	.....	59	29,805	8	1,481	6	855	17	8,485	.....	.....	.....	.....	46,398	124,184	6
3	1,144	312	161,410	19	5,096	13	2,102	205	63,626	4	900	.....	.....	493,311	939,040	7
9	4,400	1,826	910,855	104	24,180	82	13,660	563	282,538	4	1,003	16	1,993	1,236,019	3,655,861	8
2	780	604	261,217	54	8,751	12	1,332	35	8,967	42	3,094	.....	.....	520,798	1,048,601	9
2	988	1,837	817,066	153	29,915	252	32,885	714	370,295	16	4,262	57	7,720	1,231,068	3,435,605	10
.....	.....	168	102,323	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	179,328	361,745	11
.....	.....	29	15,412	.....	.....	4	600	.....	.....	.....	.....	.....	.....	24,995	70,698	12
.....	.....	42	18,200	4	400	35	3,500	.....	.....	.....	.....	.....	.....	45,816	93,649	13
2	728	115	51,383	.....	.....	6	1,200	27	13,692	.....	.....	.....	.....	65,651	187,202	14
.....	.....	394	156,645	13	840	12	1,007	.....	.....	.....	.....	.....	.....	257,492	525,521	15

162.—HARDWARE, SADDLERY.

13	5,251	1,570	748,326	123	31,197	55	7,782	1,024	444,620	135	27,098	10	1,302	1,624,849	4,118,195	1
.....	.....	4	1,576	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	874	5,920	2
2	825	207	102,018	24	6,483	3	527	220	103,769	15	3,500	.....	.....	303,737	683,151	3
.....	.....	53	27,420	1	123	6	608	.....	.....	.....	.....	.....	.....	19,018	65,263	4
2	936	53	30,714	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,254	67,042	5
3	1,200	662	301,607	55	12,328	13	2,383	304	182,824	36	8,070	.....	.....	650,836	1,713,769	6
1	450	155	87,197	1	450	.....	.....	277	82,850	27	6,480	.....	.....	179,454	531,886	7
4	1,320	272	108,717	40	11,463	5	1,040	207	67,015	55	8,580	1	312	364,756	775,017	8
1	520	92	55,941	1	100	25	2,000	14	7,874	2	468	9	990	54,215	174,137	9
.....	.....	72	33,136	1	250	3	624	2	288	.....	.....	.....	.....	30,705	102,010	10

163.—HAT AND CAP MATERIALS.

4	2,040	898	423,263	425	115,170	8	1,414	202	139,638	51	16,890	5	2,080	2,059,001	3,465,524	1
.....	.....	410	178.958	106	30,680	.....	.....	88	65,207	4	1,000	.....	.....	725,412	1,189,464	2
.....	.....	8	3,300	1	100	.....	.....	.....	.....	.....	.....	.....	.....	4,196	21,733	3
.....	.....	95	56.688	40	11,650	1	208	53	38,650	13	3,882	5	2,080	146,259	374,868	4
4	2,040	306	149,560	269	70,740	5	800	55	33,300	30	10,608	.....	.....	1,048,846	1,646,709	5
.....	.....	79	34,757	9	2,000	2	406	6	2,475	4	1,400	.....	.....	134,288	232,750	6

164.—HATS AND CAPS, NOT INCLUDING WOOL HATS. (See also Fur goods; Straw goods, not elsewhere specified.)

29	15,480	7,354	4,150,799	2,745	866,523	114	17,900	9,111	5,441,865	6,460	2,130,710	147	43,120	16,160,802	37,311,599	1
.....	.....	17	13,928	18	5,187	2	433	19	17,115	55	21,069	.....	.....	72,454	180,565	2
1	468	1,910	1,027,570	754	238,072	7	1,760	2,044	1,296,035	1,350	543,828	.....	.....	3,084,118	7,527,017	3
1	350	41	29,000	53	17,292	1	208	22	14,092	64	29,604	.....	.....	115,316	335,925	4
.....	.....	7	3,500	14	3,900	.....	.....	.....	.....	.....	.....	.....	.....	4,859	21,879	5
2	866	2	936	2	220	.....	.....	.....	.....	.....	.....	.....	.....	1,990	5,800	6
.....	.....	.....	.....	1	144	.....	.....	.....	.....	.....	.....	.....	.....	955	4,160	7
.....	.....	10	7,268	7	2,124	.....	.....	.....	.....	2	400	.....	.....	12,949	28,632	8
1	180	208	104,438	57	17,372	4	520	112	55,960	422	100,992	.....	.....	607,830	1,262,023	9
4	1,700	739	344,842	322	95,799	4	313	357	184,741	899	214,672	.....	.....	1,385,981	3,138,226	10
.....	.....	40	21,546	34	12,038	.....	.....	12	7,200	100	25,000	.....	.....	91,446	208,110	11
.....	.....	21	10,190	7	2,074	4	666	37	25,310	26	5,492	.....	.....	60,628	141,352	12
7	4,684	1,278	761,438	267	83,297	18	4,098	3,564	2,049,508	1,360	447,883	40	10,400	3,605,074	8,533,729	13
7	4,060	1,939	1,279,535	867	289,099	28	4,991	2,334	1,435,349	1,304	496,930	104	32,000	5,122,014	11,495,669	14
1	312	83	39,091	57	12,545	3	312	131	40,616	88	21,736	.....	.....	225,541	485,874	15
3	1,644	854	439,428	212	74,848	42	4,424	472	310,124	543	167,775	1	200	1,522,613	3,440,072	16
.....	.....	102	15,220	38	4,256	.....	.....	1	750	3	1,500	2	520	28.525	60,100	17
.....	.....	83	44,036	13	2,926	1	175	5	4,515	227	51,779	.....	.....	188.148	363,496	18
2	1,216	20	8,833	22	5,330	.....	.....	1	550	17	2,050	.....	.....	30,361	78,970	19

TABLE 5.—SPECIFIED INDUSTRIES, BY

165.—HAY AND STRAW, BALING.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	72	$416,541	$261,603	$42,810	$134,196	$84,597	$154,038	$30,430	777	$149,653	59	$25,327
2	Illinois	5	19,200	15,400	4,350	6,550	4,500	3,800	1,343	35	10,120	.....	.....
3	Indiana	4	6,347	5,000	900	1,100	3,000	1,347	163	16	3,527	4	627
4	Iowa	5	13,703	7,530	2,080	2,400	3,050	6,173	4,761	43	8,810	1	200
5	Kansas	4	15,580	7,970	545	4,000	3,425	7,610	945	34	10,126	7	2,840
6	Maryland	3	16,950	9,350	450	2,100	6,800	7,600	1,025	19	4,780	3	1,300
7	Minnesota	8	26,588	14,750	1,000	4,400	9,350	11,838	2,345	44	12,160	5	1,850
8	New York	12	111,683	89,675	16,300	60,400	12,975	22,608	10,981	71	26,770	8	5,153
9	Ohio	7	83,165	42,953	5,350	26,031	11,572	40,212	2,703	321	21,139	11	2,028
10	Pennsylvania	8	63,150	34,825	2,750	17,900	14,175	28,325	2,908	64	21,753	7	4,220
11	Virginia	3	2,880	2,400	25	75	2,300	480	148	17	1,551	2	506
12	Wisconsin	7	40,675	19,950	5,950	6,700	7,300	20,725	1,828	63	15,263	6	3,504
13	All other states (a)	6	16,620	11,800	3,110	2,540	6,150	4,820	1,280	50	13,654	5	2,439

a Includes establishments distributed as follows: Louisiana, 1; Missouri, 2; Nebraska, 1; New Jersey, 1; Texas, 1.

166.—HIGH EXPLOSIVES. (See also Ammunition; Gunpowder, and special report on Chemicals and allied products in Part III.)

1	The United States...	32	3,929,503	1,404,488	225,087	468,081	711,320	2,525,015	209,080	820	546,816	87	140,367
2	California	4	2,194,068	920,169	126,500	245,237	548,432	1,273,899	147,272	311	268,390	26	63,920
3	Michigan	5	323,489	112,072	53,100	28,685	30,287	211,417	14,410	72	39,813	3	5,100
4	New Jersey	5	1,044,688	261,812	25,037	150,009	86,766	782,876	35,202	211	124,758	22	30,530
5	New York	3	91,083	35,750	.....	10,000	25,750	55,333	4,600	38	27,402	3	4,538
6	Ohio	3	108,300	28,250	9,000	16,150	3,100	80,050	2,933	58	40,531	7	17,781
7	Pennsylvania	7	90,893	24,850	4,150	11,500	9,200	66,043	1,473	80	22,785	13	8,398
8	All other states (a)	5	76,982	21,585	7,300	6,500	7,785	55,397	3,790	50	23,137	13	10,100

a Includes establishments distributed as follows: Alabama, 1; Illinois, 1; Missouri, 1; Tennessee, 2.

167.—HONES AND WHETSTONES.

1	The United States (a)...	9	97,935	65,450	22,500	13,700	29,250	32,485	1,918	71	27,973	14	9,219

a Includes establishments distributed as follows: Maine, 1; Massachusetts, 2; New York, 2; North Carolina, 1; Ohio, 1; Vermont, 2.

168.—HOOKS AND EYES.

1	The United States...	10	449,618	246,545	11,200	37,520	197,825	203,073	33,008	243	148,444	22	41,458
2	Connecticut	4	117,495	71,060	3,500	19,000	48,560	46,495	12,586	49	23,114	6	4,268
3	All other states (a)	6	332,123	175,545	7,700	18,520	149,325	156,578	20,422	194	125,330	16	37,190

a Includes establishments distributed as follows: Massachusetts, 2; New York, 2; Pennsylvania, 1; Rhode Island, 1.

169.—HORSESHOES, FACTORY PRODUCT.

1	The United States (a)...	4	1,299,065	675,950	62,879	68,500	544,571	623,115	42,019	493	282,870	19	40,976

a Includes establishments distributed as follows: Massachusetts, 1; New York, 1; Pennsylvania, 1; Rhode Island, 1.

170.—HOSIERY AND KNIT GOODS. (See also Cotton goods; Gloves and mittens; Woolen goods, and special report on Wool manufactures in Part III.)

1	The United States...	796	50,607,738	23,574,761	2,271,466	6,194,088	15,109,207	27,032,977	3,627,245	61,209	18,263,272	1,520	1,641,230
2	Alabama	3	94,373	61,223	3,300	20,000	37,923	33,150	3,422	412	64,838	3	2,028
3	Connecticut	27	4,822,911	1,755,452	125,200	626,735	1,003,517	3,067,459	197,422	3,134	1,073,135	72	104,664
4	Georgia	4	121,494	97,500	17,000	48,000	32,500	23,994	10,605	349	71,952	11	7,860
5	Illinois	35	1,254,576	502,133	26,730	78,200	397,203	752,443	68,123	1,878	545,109	70	75,861
6	Indiana	9	716,989	305,209	38,000	76,446	190,763	411,780	70,437	962	207,519	26	29,421
7	Iowa	3	8,950	8,000	600	5,800	1,600	950	419	9	2,550	2	820
8	Louisiana	3	106,600	77,000	2,000	8,000	67,000	29,600	2,480	284	51,841	6	9,150
9	Maine	4	28,095	7,425	100	2,500	4,825	20,670	1,019	260	30,165	1	1,050
10	Maryland	8	149,656	56,499	4,950	13,855	37,694	93,157	9,747	306	61,466	17	16,900
11	Massachusetts	74	4,497,940	1,779,119	147,730	474,782	1,156,607	2,718,821	315,786	4,675	1,495,260	102	98,104

STATES AND TERRITORIES: 1890—Continued.

165.—HAY AND STRAW, BALING.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	472	$109,387	114	$2,456	9	$158	122	$12,300	.....	.....	1	$25	$729,195	$1,058,142	1
.....	.....	35	10,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41,510	61,200	2
.....	.....	12	2,900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,330	19,250	3
.....	.....	42	8,550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,930	65,650	4
.....	.....	25	6,886	2	400	.....	.....	.....	.....	.....	.....	.....	.....	20,093	36,819	5
.....	.....	16	3,480	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,491	25,600	6
.....	.....	39	10,310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41,223	82,200	7
.....	.....	63	21,617	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	132,622	192,517	8
.....	.....	70	4,397	112	2,056	8	58	120	12,000	.....	.....	.....	.....	74,849	121,474	9
.....	.....	57	17,533	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	158,692	200,600	10
.....	.....	15	1,045	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,045	4,207	11
.....	.....	56	11,659	.....	.....	1	100	.....	.....	.....	.....	.....	.....	108,990	137,475	12
.....	.....	42	10,890	.....	.....	.....	.....	2	300	.....	.....	1	25	86,420	111,150	13

166.—HIGH EXPLOSIVES. (See also Ammunition; Gunpowder, and special report on Chemicals and allied products in Part III.)

2	$1,140	638	372,280	23	5,280	13	2,776	31	22,213	16	$1,860	10	900	2,202,719	4,600,272	1
.....	.....	280	194,770	.....	.....	.....	.....	5	9,700	.....	.....	.....	.....	978,100	2,523,770	2
1	240	60	31,127	3	916	.....	.....	3	2,000	2	400	.....	.....	273,519	426,500	3
.....	.....	174	90,208	2	520	8	2,080	5	1,420	.....	.....	.....	.....	486,285	944,900	4
.....	.....	28	17,100	.....	.....	2	546	5	5,218	.....	.....	.....	.....	120,274	167,500	5
1	900	36	18,350	14	3,500	.....	.....	.....	.....	.....	.....	.....	.....	201,382	301,123	6
.....	.....	36	10,765	4	314	2	70	9	1,518	6	820	10	900	90,989	135,434	7
.....	.....	24	9,960	.....	.....	1	80	4	2,357	8	640	.....	.....	52,170	101,045	8

167.—HONES AND WHETSTONES.

.....	.....	44	15,309	10	2,445	.....	.....	3	1,000	.....	.....	.....	.....	6,332	54,136	1

168.—HOOKS AND EYES.

3	915	119	76,766	96	28,905	3	400	.....	.....	.....	.....	.....	.....	325,615	593,604	1
1	340	34	16,790	8	1,716	.....	.....	.....	.....	.....	.....	.....	.....	77,183	123,089	2
2	575	85	59,976	88	27,189	3	400	.....	.....	.....	.....	.....	.....	248,432	470,524	3

169.—HORSESHOES, FACTORY PRODUCT.

.....	.....	394	224,004	.....	.....	80	17,890	.....	.....	.....	.....	.....	.....	519,449	1,110,032	1

170.—HOSIERY AND KNIT GOODS. (See also Cotton goods; Gloves and mittens; Woolen goods, and special report on Wool manufacture in Part III.)

101	43,923	11,681	4,892,839	15,125	3,882,062	2,711	374,128	3,165	1,148,361	25,701	6,124,008	1,205	156,721	35,861,585	67,241,013	1
.....	.....	22	8,896	129	28,116	250	24,300	.....	.....	8	1,498	.....	.....	103,893	190,725	2
3	1,170	827	382,791	575	162,913	86	13,007	94	37,739	1,456	365,998	21	4,853	2,029,921	3,771,567	3
.....	.....	33	12,694	111	28,551	46	5,265	10	1,500	110	13,880	28	2,202	70,697	166,850	4
4	2,440	279	120,397	918	238,243	45	7,450	.....	.....	561	100,694	1	24	980,780	1,990,035	5
1	300	111	46,757	133	26,150	22	2,300	170	28,000	460	70,991	39	3,600	408,195	827,104	6
.....	.....	1	720	6	1,010	.....	.....	.....	.....	.....	.....	.....	.....	1,975	5,763	7
.....	.....	20	8,236	158	29,750	.....	.....	.....	.....	100	4,705	.....	.....	58,202	151,180	8
2	900	5	850	82	10,125	.....	.....	.....	.....	170	17,240	.....	.....	33,839	76,603	9
.....	.....	20	8,892	17	2,028	.....	.....	2	450	185	27,476	65	5,720	87,315	180,823	10
11	4,926	759	338,240	630	194,720	86	13,239	266	102,552	2,777	735,949	44	7,930	2,552,705	6,082,087	11

TABLE 5.—SPECIFIED INDUSTRIES, BY

170.—HOSIERY AND KNIT GOODS—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.	Officers, firm members, and clerks. Males above 16 years. Number.	Wages.
12	Michigan	10	$560,917	$270,983	$37,203	$82,700	$151,080	$289,934	$57,901	848	$208,344	32	$33,935
13	Minnesota	3	247,498	62,750	20,100	15,150	27,500	184,748	24,345	129	46,356	10	15,356
14	Missouri	7	33,247	9,507			9,507	23,740	3,803	125	34,477	6	5,596
15	New Hampshire	37	2,706,065	1,209,423	126,075	291,078	792,270	1,496,642	241,201	3,178	989,130	54	55,988
16	New Jersey	15	1,352,143	806,454	75,094	227,283	504,077	545,689	101,146	1,277	342,600	26	29,880
17	New York	201	19,608,331	9,859,889	865,177	2,398,628	6,596,084	9,748,442	1,389,427	20,299	6,437,308	449	501,865
18	North Carolina	5	72,900	42,800	2,500	17,000	23,300	30,100	3,097	184	30,410	5	3,150
19	Ohio	44	1,071,007	383,510	81,950	91,400	210,160	687,497	68,991	1,898	466,630	61	65,140
20	Pennsylvania	236	9,121,632	4,539,524	519,137	1,245,087	2,775,300	4,582,108	741,956	15,941	4,732,754	449	454,268
21	Rhode Island	16	1,728,618	942,958	90,200	257,402	595,356	785,660	110,720	1,538	487,350	33	33,255
22	Utah	5	33,370	14,920	720	2,100	12,100	18,450	2,146	70	17,020	5	3,070
23	Vermont	10	754,882	204,556	9,400	31,000	164,156	550,326	63,188	718	269,844	13	13,759
24	Wisconsin	23	1,214,727	424,719	66,500	120,140	238,079	790,008	162,727	2,296	449,724	53	68,580
25	All other states (a)	14	300,817	153,208	11,800	60,802	80,606	147,609	37,137	439	147,490	14	11,530

a Includes establishments distributed as follows: California, 2; Colorado, 2; Florida, 1; Kansas, 1; Kentucky, 2; Nebraska, 1; Virginia, 2; Washington, 1; West Virginia, 2.

171.—HOUSE FURNISHING GOODS, NOT ELSEWHERE SPECIFIED.

1	The United States	133	6,939,659	3,065,108	414,500	1,179,366	1,471,242	3,874,551	366,750	3,667	1,779,753	244	268,409
2	Connecticut	7	2,167,247	1,005,800	150,900	422,000	432,900	1,161,447	71,134	774	356,803	46	51,288
3	Illinois	6	217,100	48,050	7,150	4,500	36,400	169,050	13,203	90	41,626	7	6,040
4	Indiana	3	118,154	61,550	15,000	25,950	20,600	56,604	8,266	90	33,220	9	7,720
5	Massachusetts	15	265,588	94,114	8,400	30,300	55,414	171,474	65,710	163	83,712	26	22,420
6	Michigan	6	430,832	136,250	24,750	48,700	62,800	294,582	76,019	303	153,815	17	25,289
7	Missouri	3	14,290	1,865	100	175	1,590	12,425	1,962	12	6,216	2	1,900
8	New York	39	3,050,583	1,340,594	149,950	554,241	636,403	1,709,989	87,981	1,595	867,443	76	103,933
9	Ohio	12	82,978	42,450	7,500	15,000	19,950	40,528	7,537	118	47,386	14	8,570
10	Pennsylvania	22	299,342	141,140	44,000	37,500	59,640	158,202	17,782	251	96,259	26	21,710
11	All other states (a)	20	293,545	193,295	6,750	41,000	145,545	100,250	17,156	271	93,273	21	19,539

a Includes establishments distributed as follows: Alabama, 1; California, 2; Iowa, 2; Kentucky, 2; Louisiana, 2; Maine, 2; Maryland, 2; Minnesota, 2; New Hampshire, 1; New Jersey, 2; South Carolina, 1; Wisconsin, 1.

172.—ICE, ARTIFICIAL.

1	The United States	222	9,846,468	8,873,731	1,595,360	1,338,652	5,939,719	972,737	477,485	3,265	1,441,187	438	344,711
2	Alabama	18	508,460	486,850	85,100	49,550	352,200	21,610	21,927	247	86,656	31	20,360
3	Arkansas	5	273,952	255,500	18,000	24,500	213,000	18,452	12,406	81	33,882	9	7,020
4	California	7	194,035	171,900	31,800	21,450	118,650	22,135	3,535	44	23,305	6	5,208
5	Florida	9	243,924	208,400	20,800	28,100	159,500	35,524	22,772	93	46,098	11	9,400
6	Georgia	16	487,534	462,250	82,800	65,450	314,000	25,284	18,231	197	65,182	20	13,745
7	Illinois	8	329,905	249,214	36,500	50,548	162,166	80,691	10,999	161	87,438	28	19,986
8	Indiana	3	233,500	228,000	24,000	34,000	170,000	5,500	8,420	77	31,550	5	3,700
9	Kansas	4	153,645	148,750	15,000	28,250	105,500	4,895	9,070	72	30,630	11	8,590
10	Kentucky	12	708,735	525,025	58,600	81,045	385,380	183,710	28,395	197	96,972	24	22,034
11	Louisiana	10	888,870	763,720	255,820	124,400	383,500	125,150	77,598	246	141,312	55	44,916
12	Maryland	5	638,073	624,900	201,700	75,700	347,500	13,173	5,110	78	30,193	8	5,690
13	Mississippi	8	196,150	167,150	12,350	38,100	116,700	29,000	12,914	115	50,120	13	9,756
14	North Carolina	5	101,204	95,850	3,750	10,900	81,200	5,354	6,109	59	20,880	12	6,208
15	Ohio	16	421,095	394,330	79,290	60,650	254,390	26,765	28,346	364	102,954	22	21,517
16	Oregon	4	261,500	250,000	52,500	47,500	150,000	11,500	8,051	28	24,720	4	6,000
17	Pennsylvania	5	343,850	298,000	71,000	63,000	164,000	45,850	12,401	53	26,161	7	3,777
18	South Carolina	4	118,800	105,800	13,500	18,300	74,000	13,000	7,215	61	27,729	6	3,989
19	Tennessee	13	825,812	771,650	134,900	98,550	538,200	54,162	42,524	207	88,187	17	15,359
20	Texas	53	1,662,804	1,492,142	233,700	217,409	1,041,033	170,662	107,608	589	273,123	95	69,289
21	Virginia	8	185,495	178,300	25,500	37,500	115,300	7,195	11,196	101	31,145	21	10,881
22	West Virginia	4	166,565	162,000	14,650	28,850	118,500	4,565	5,715	50	18,455	8	4,575
23	All other states and territories. (a)	11	902,560	834,000	124,100	134,900	575,000	68,560	16,937	145	104,515	25	32,660

a Includes establishments distributed as follows: Arizona, 2; Colorado, 1; Delaware, 1; District of Columbia, 1; Missouri, 2; New Jersey, 1; New York, 1; Washington, 2.

173.—INK, PRINTING.

1	The United States	35	1,803,025	620,163	174,600	132,900	312,663	1,242,862	162,554	516	455,764	132	183,399
2	New Jersey	4	65,600	12,500	1,600	1,900	9,000	53,100	7,137	63	51,674	18	19,870
3	New York	13	625,012	140,250	30,000	20,000	90,250	484,762	48,047	142	143,078	39	72,076
4	Ohio	3	207,400	40,000			40,000	107,400	57,622	101	75,133	22	23,908
5	Pennsylvania	8	595,300	305,100	138,000	61,000	106,100	290,200	23,572	132	120,575	30	39,355
6	All other states (a)	7	369,713	122,313	5,000	50,000	67,313	247,400	26,176	78	65,304	23	28,190

a Includes establishments distributed as follows: California, 2; Illinois, 2; Massachusetts, 1; Missouri, 2.

STATES AND TERRITORIES: 1890—Continued.

170.—HOSIERY AND KNIT GOODS—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1	$500	123	$45,818	269	$71,962	1	$100	8	$1,780	414	$54,249	.....	.....	$285,057	$701,322	12
.....	.....	17	6,897	72	18,000	.....	.....	.....	.....	30	6,103	.....	.....	87,662	183,743	13
2	592	1	264	94	23,250	.....	.....	.....	.....	22	4,775	.....	.....	30,524	81,445	14
3	1,623	702	281,898	614	184,503	56	9,406	306	108,346	1,423	345,531	20	$1,835	1,777,595	3,481,922	15
1	156	345	117,607	249	56,411	117	21,129	28	9,341	511	108,076	.....	.....	582,783	1,091,403	16
22	9,874	6,349	2,074,336	4,682	1,221,087	684	97,183	1,064	394,202	7,908	2,114,677	141	24,084	13,669,169	24,776,582	17
.....	.....	15	5,300	35	8,000	31	4,500	4	500	70	7,460	24	1,500	66,925	126,875	18
6	2,994	107	57,511	703	141,412	42	6,478	.....	.....	946	188,463	33	4,632	914,085	1,635,948	19
39	16,187	2,058	989,339	4,121	1,039,707	1,122	153,690	1,101	402,593	6,403	1,594,495	648	82,475	8,720,363	16,944,237	20
1	416	250	116,268	435	125,038	48	6,191	82	51,900	588	138,916	101	15,366	1,618,621	2,516,664	21
.....	.....	.....	.....	60	13,200	5	750	.....	.....	.....	.....	.....	.....	25,475	53,560	22
.....	.....	253	109,334	292	92,555	5	980	9	2,764	146	50,452	.....	.....	649,004	1,105,958	23
4	2,000	273	112,136	540	112,327	65	8,160	9	1,694	1,312	142,327	40	2,500	899,371	1,635,641	24
1	245	111	47,658	200	53,004	.....	.....	12	5,000	101	30,053	.....	.....	207,429	462,976	25

171.—HOUSE FURNISHING GOODS, NOT ELSEWHERE SPECIFIED.

6	4,415	2,083	1,021,581	740	219,142	82	15,949	432	225,065	78	24,792	2	400	4,832,791	8,347,285	1
.....	.....	515	247,107	107	30,433	56	12,697	10	4,215	40	11,063	.....	.....	1,558,623	2,621,059	2
.....	.....	42	18,130	18	6,456	.....	.....	21	10,600	.....	.....	2	400	370,990	500,034	3
.....	.....	61	21,480	10	2,520	10	1,500	.....	.....	.....	.....	.....	.....	54,271	123,200	4
.....	.....	84	45,204	42	11,932	2	300	2	1,248	7	2,608	.....	.....	412,360	655,682	5
3	3,381	210	91,985	11	3,224	.....	.....	56	26,426	6	3,510	.....	.....	174,719	475,735	6
.....	.....	9	4,016	1	300	.....	.....	.....	.....	.....	.....	.....	.....	5,360	17,200	7
1	624	829	469,154	439	137,960	.....	.....	241	152,056	9	3,716	.....	.....	1,706,956	2,954,455	8
1	150	88	30,962	.....	.....	3	256	12	7,448	.....	.....	.....	.....	45,731	141,230	9
1	260	70	34,817	102	24,970	7	660	35	11,842	10	2,000	.....	.....	318,067	492,013	10
.....	.....	175	58,726	10	1,347	4	536	55	11,230	6	1,895	.....	.....	185,714	366,577	11

172.—ICE, ARTIFICIAL.

1	480	2,606	1,081,810	.....	.....	15	1,362	205	12,824	.....	.....	.....	.....	940,699	4,900,983	1
.....	.....	215	66,116	.....	.....	1	180	.....	.....	.....	.....	.....	.....	41,501	318,028	2
.....	.....	72	26,862	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31,887	103,040	3
.....	.....	36	15,497	.....	.....	.....	.....	2	2,600	.....	.....	.....	.....	19,970	83,430	4
.....	.....	82	36,698	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,328	151,915	5
.....	.....	177	51,417	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58,115	282,970	6
.....	.....	133	67,452	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,539	171,576	7
.....	.....	72	27,850	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,025	98,178	8
.....	.....	59	21,800	.....	.....	2	240	.....	.....	.....	.....	.....	.....	18,135	87,314	9
.....	.....	173	74,938	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55,370	275,033	10
.....	.....	191	96,396	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	104,300	501,430	11
.....	.....	70	24,503	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,608	61,594	12
.....	.....	100	40,014	.....	.....	2	350	.....	.....	.....	.....	.....	.....	18,805	128,680	13
.....	.....	47	14,612	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,355	64,630	14
.....	.....	142	74,437	.....	.....	.....	.....	200	7,000	.....	.....	.....	.....	53,082	305,892	15
.....	.....	24	18,720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,900	137,500	16
.....	.....	43	19,160	.....	.....	.....	.....	3	3,224	.....	.....	.....	.....	14,644	137,830	17
.....	.....	55	23,740	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,285	63,500	18
.....	.....	190	72,837	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64,283	382,400	19
.....	.....	486	203,342	.....	.....	8	492	.....	.....	.....	.....	.....	.....	218,984	920,692	20
.....	.....	80	20,264	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,448	141,601	21
1	480	39	13,300	.....	.....	2	100	.....	.....	.....	.....	.....	.....	12,870	70,500	22
.....	.....	120	71,855	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71,765	353,250	23

173.—INK, PRINTING.

4	2,625	357	258,782	18	8,658	.....	.....	5	2,300	.....	.....	.....	.....	1,145,554	2,376,672	1
.....	.....	44	31,304	1	500	.....	.....	.....	.....	.....	.....	.....	.....	63,973	150,750	2
.....	.....	101	69,902	2	1,100	.....	.....	.....	.....	.....	.....	.....	.....	298,105	612,500	3
1	625	70	45,480	3	2,820	.....	.....	5	2,300	.....	.....	.....	.....	318,460	683,000	4
.....	.....	102	81,220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	256,677	503,277	5
3	2,000	40	30,876	12	4,238	.....	.....	.....	.....	.....	.....	.....	.....	208,339	427,145	6

TABLE 5.—SPECIFIED INDUSTRIES, BY

174.—INK, WRITING.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
				Plant.						Aggregates.		Officers, firm members, and clerks.	
			Aggregate.	Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.				Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	38	$792,194	$357,760	$101,500	$154,900	$101,360	$434,434	$47,676	508	$301,426	122	$148,580
2	Illinois	3	71,100	20,450	700	1,300	18,450	50,650	3,951	63	22,875	9	7,978
3	Massachusetts	7	258,115	146,265	36,900	88,600	20,765	111,850	7,644	152	109,382	53	70,378
4	New York	12	336,547	148,495	60,400	58,500	29,595	188,052	21,657	170	116,738	34	43,792
5	Ohio	3	9,500	1,150	----------	----------	1,150	8,350	1,916	13	9,396	7	7,480
6	Pennsylvania	6	50,437	23,500	1,000	1,500	21,000	26,937	4,126	42	16,932	9	7,958
7	All other states (a)	7	66,495	17,900	2,500	5,000	10,400	48,595	8,382	68	26,103	10	10,994

a Includes establishments distributed as follows: California, 1; Kentucky, 1; Maryland, 1; Missouri, 1; New Jersey, 2; Wisconsin, 1.

175.—INSTRUMENTS, PROFESSIONAL AND SCIENTIFIC.

1	The United States...	233	2,996,021	1,293,363	247,600	248,817	796,946	1,702,658	203,937	2,371	1,606,194	373	406,641
2	California	8	33,225	15,675	----------	----------	15,675	17,550	5,022	26	22,830	8	7,910
3	Illinois	8	59,205	12,350	----------	----------	12,350	46,855	6,562	65	43,148	18	19,740
4	Kentucky	3	17,075	3,500	----------	----------	3,500	13,575	987	16	7,954	3	2,028
5	Maryland	7	45,970	33,500	23,000	5,000	5,500	12,470	3,601	25	15,378	10	6,278
6	Massachusetts	23	289,187	136,254	21,800	42,200	72,254	152,933	15,196	201	142,081	31	26,402
7	Michigan	3	3,700	2,200	----------	----------	2,200	1,500	474	9	6,211	1	1,200
8	Missouri	9	124,050	35,000	1,050	500	33,450	89,050	9,076	64	38,266	13	10,898
9	New Jersey	9	222,314	91,000	13,500	38,200	39,300	131,314	9,346	291	153,652	22	35,580
10	New York	94	1,187,478	467,144	74,800	67,117	325,227	720,334	86,407	1,011	733,584	170	199,578
11	Ohio	11	46,155	13,910	350	300	13,260	32,245	3,973	39	28,203	14	13,316
12	Pennsylvania	46	798,595	391,180	83,750	78,500	228,930	407,415	54,002	542	364,056	69	73,333
13	All other states and territories. (a)	12	169,067	91,650	29,350	17,000	45,300	77,417	9,291	82	50,831	14	10,378

a Includes establishments distributed as follows: Colorado, 1; Connecticut, 2; District of Columbia, 1; Indiana, 1; Louisiana, 2; Minnesota, 1; New Hampshire, 1; Rhode Island, 1; Tennessee, 2.

176.—IRON AND STEEL. (See special report on Iron and steel manufacture in Part III.)

1	The United States...	645	372,678,018	210,080,316	31,403,087	42,466,656	136,160,573	162,647,702	16,918,753	152,535	84,665,506	3,773	5,662,568
2	Alabama	35	17,879,583	14,114,655	1,716,754	1,953,823	10,444,078	3,764,928	1,089,690	5,878	2,522,008	193	319,044
3	California	3	3,853,481	2,031,000	282,000	285,000	1,464,000	1,822,481	159,200	925	585,909	32	45,409
4	Connecticut	13	2,189,521	1,226,132	347,533	202,446	676,153	963,389	96,123	690	418,189	41	55,784
5	Delaware	6	2,392,473	1,135,636	276,500	250,000	609,136	1,256,842	42,001	1,576	772,419	47	72,431
6	Georgia	5	908,243	652,000	57,000	90,000	505,000	256,243	58,632	357	112,170	18	23,125
7	Illinois	20	32,471,977	17,023,820	2,222,895	4,063,309	10,737,616	15,448,157	686,958	7,734	4,916,199	150	231,188
8	Indiana	10	2,385,116	1,320,838	153,772	220,095	946,971	1,014,278	141,600	1,816	927,011	50	77,123
9	Kentucky	8	1,974,527	1,157,600	195,600	177,000	785,000	816,927	102,019	1,118	603,031	42	58,795
10	Maryland	10	4,067,574	3,237,054	372,000	1,190,000	1,675,054	830,520	46,077	1,272	396,351	25	24,358
11	Massachusetts	13	4,337,118	2,194,077	476,665	313,462	1,403,950	2,143,041	169,045	1,604	788,065	46	74,893
12	Michigan	19	6,696,541	2,680,818	565,342	533,528	1,581,948	4,015,723	371,163	1,509	896,117	81	139,456
13	Missouri	6	2,341,470	1,233,471	429,000	237,906	566,565	1,107,999	99,191	899	452,766	29	40,763
14	New Jersey	22	9,025,046	4,884,809	1,014,417	884,252	2,986,140	4,140,237	546,993	4,056	2,162,304	117	170,838
15	New York	43	15,847,835	8,025,579	1,220,694	2,036,342	4,768,543	7,822,256	873,941	6,990	3,571,804	181	290,283
16	Ohio	93	31,865,847	17,045,485	2,708,973	3,510,589	10,825,923	14,820,362	2,127,658	21,373	12,675,576	551	773,885
17	Pennsylvania	280	211,483,285	118,489,784	18,175,370	23,243,792	77,070,622	92,993,501	9,234,756	86,437	48,675,495	1,892	2,850,026
18	Tennessee	15	4,613,355	3,153,030	272,500	630,567	2,249,963	1,466,325	276,969	1,557	775,521	84	118,086
19	Virginia	17	3,662,588	2,325,476	285,518	404,310	1,635,648	1,337,112	275,580	1,483	633,444	65	84,818
20	West Virginia	7	4,215,097	2,075,661	143,000	734,591	1,198,070	2,139,436	102,624	2,065	1,170,693	52	72,204
21	Wisconsin	9	6,379,893	3,246,776	304,854	709,149	2,232,773	3,133,117	302,405	1,920	1,032,541	29	50,394
22	All other states (a)	11	4,137,443	2,776,615	182,700	796,495	1,797,420	1,360,828	116,128	1,276	577,893	48	89,665

a Includes establishments distributed as follows: Colorado, 2; Iowa, 1; Maine, 2; Minnesota, 1; New Hampshire, 1; North Carolina, 1; Oregon, 1; Washington, 1; Wyoming, 1.

177.—IRON AND STEEL, BOLTS, NUTS, WASHERS, AND RIVETS.

1	The United States...	82	10,789,821	5,812,292	1,101,168	1,291,348	3,419,776	4,977,529	597,605	7,341	3,472,202	358	454,485
2	Connecticut	10	1,570,557	641,046	82,300	223,000	335,746	929,511	94,187	929	490,219	40	61,160
3	Massachusetts	9	843,821	492,771	86,732	56,860	349,239	356,050	54,042	387	226,151	66	69,018
4	Missouri	5	415,253	247,400	65,000	30,000	152,400	167,853	14,740	308	109,767	15	17,072
5	New York	15	1,660,245	956,474	216,200	197,900	542,374	703,771	94,294	992	523,316	42	71,728
6	Ohio	9	1,515,250	667,247	36,363	145,337	485,547	848,003	103,958	1,569	665,326	60	83,016
7	Pennsylvania	17	2,962,311	1,758,299	338,528	442,429	977,342	1,204,012	116,776	1,761	736,269	71	74,341
8	All other states (a)	17	1,817,384	1,049,055	276,045	195,882	577,128	768,329	119,608	1,404	721,154	64	78,150

a Includes establishments distributed as follows: Alabama, 1; California, 1; Delaware, 1; Illinois, 2; Indiana, 2; Kentucky, 1; Maryland, 1; Michigan, 1; Minnesota, 1; New Jersey, 1; Rhode Island, 2; Texas, 1; Virginia, 1; Wisconsin, 1.

STATES AND TERRITORIES: 1890—Continued.

174.—INK, WRITING.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
5	$2,358	203	$101,555	99	$24,081	12	$1,494	20	$10,752	47	$12,606	.....	.....	$519,231	$1,128,307	1
.....	.....	18	6,957	36	7,940	.....	.....	.....	.....	.....	.....	.....	.....	50,375	114,200	2
1	624	48	25,474	2	306	.....	.....	6	1,600	42	11,000	.....	.....	99,029	290,170	3
3	1,632	75	48,981	38	11,413	2	312	14	9,152	4	1,456	.....	.....	227,912	430,536	4
.....	.....	6	1,916	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,290	33,450	5
.....	.....	16	5,810	11	2,436	6	728	.....	.....	.....	.....	.....	.....	46,866	91,829	6
1	102	40	12,417	12	1,986	4	454	.....	.....	1	150	.....	.....	86,765	168,122	7

175.—INSTRUMENTS, PROFESSIONAL AND SCIENTIFIC.

20	7,955	1,592	975,849	137	39,236	23	3,894	214	169,269	12	3,350	.....	.....	698,352	3,271,616	1
.....	.....	17	14,140	.....	.....	.....	.....	1	780	.....	.....	.....	.....	7,212	43,875	2
.....	.....	42	22,368	5	1,040	.....	.....	.....	.....	.....	.....	.....	.....	22,864	110,250	3
.....	.....	13	5,926	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,485	13,280	4
.....	.....	14	8,580	.....	.....	.....	.....	1	520	.....	.....	.....	.....	2,556	30,293	5
1	780	149	104,389	3	976	2	208	15	9,335	.....	.....	.....	.....	61,173	255,572	6
.....	.....	8	5,611	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,932	12,086	7
.....	.....	49	25,868	1	500	.....	.....	1	1,000	.....	.....	.....	.....	11,147	74,400	8
.....	.....	235	103,858	12	3,000	3	462	19	10,752	.....	.....	.....	.....	45,561	241,552	9
8	2,967	657	419,858	49	20,508	8	1,480	107	85,843	12	3,350	.....	.....	361,469	1,458,968	10
.....	.....	23	14,075	2	812	.....	.....	.....	.....	.....	.....	.....	.....	30,192	73,911	11
9	3,008	321	213,238	65	12,400	9	1,588	69	60,489	.....	.....	.....	.....	190,796	834,919	12
2	1,200	64	38,547	.....	.....	1	156	1	550	.....	.....	.....	.....	26,965	122,510	13

176.—IRON AND STEEL. (See special report on Iron and steel manufacture in Part III.)

47	25,038	147,357	78,715,288	2	566	1,356	262,046	.....	.....	.....	.....	.....	.....	295,777,843	430,954,348	1
.....	.....	5,638	2,197,246	.....	.....	47	5,718	.....	.....	.....	.....	.....	.....	7,425,344	12,544,227	2
.....	.....	868	534,650	.....	.....	25	5,850	.....	.....	.....	.....	.....	.....	1,363,361	2,281,402	3
.....	.....	647	362,025	.....	.....	2	380	.....	.....	.....	.....	.....	.....	1,324,078	2,037,618	4
2	830	1,452	685,358	.....	.....	75	13,800	.....	.....	.....	.....	.....	.....	1,418,539	2,368,670	5
.....	.....	319	84,405	.....	.....	20	4,640	.....	.....	.....	.....	.....	.....	321,728	471,757	6
1	720	7,543	4,678,345	.....	.....	46	5,946	.....	.....	.....	.....	.....	.....	28,995,745	37,173,405	7
2	1,000	1,750	846,438	.....	.....	14	2,450	.....	.....	.....	.....	.....	.....	1,871,365	3,063,853	8
.....	.....	1,065	541,736	.....	.....	11	2,500	.....	.....	.....	.....	.....	.....	1,312,690	2,163,471	9
.....	.....	1,247	371,993	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,217,173	2,869,208	10
.....	.....	1,558	713,172	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,979,546	2,891,687	11
1	300	1,427	756,361	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,132,991	5,829,843	12
.....	.....	870	412,003	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,461,853	2,241,108	13
2	1,040	3,916	1,986,353	1	150	20	3,923	.....	.....	.....	.....	.....	.....	5,076,104	8,139,321	14
3	1,560	6,740	3,266,492	.....	.....	66	13,460	.....	.....	.....	.....	.....	.....	10,338,002	15,699,537	15
8	4,500	20,711	11,874,223	.....	.....	103	22,968	.....	.....	.....	.....	.....	.....	38,583,330	57,134,110	16
25	13,848	83,677	45,648,840	1	416	842	162,365	.....	.....	.....	.....	.....	.....	169,978,301	248,809,071	17
1	360	1,465	655,625	.....	.....	7	1,450	.....	.....	.....	.....	.....	.....	2,943,671	4,247,868	18
.....	.....	1,407	546,726	.....	.....	11	1,900	.....	.....	.....	.....	.....	.....	2,943,216	4,104,850	19
.....	.....	2,013	1,098,489	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,606,883	7,490,934	20
1	360	1,830	967,937	.....	.....	60	13,850	.....	.....	.....	.....	.....	.....	4,613,753	6,501,761	21
1	520	1,214	486,871	.....	.....	13	837	.....	.....	.....	.....	.....	.....	1,870,161	2,890,647	22

177.—IRON AND STEEL, BOLTS, NUTS, WASHERS, AND RIVETS.

28	13,263	4,246	2,013,927	180	49,240	210	35,643	1,841	797,760	130	37,053	348	$76,831	6,746,304	12,373,031	1
10	6,646	511	293,012	112	28,515	19	4,060	267	86,956	30	9,930	.....	.....	544,938	1,297,224	2
3	575	268	132,995	20	5,946	6	1,217	20	14,600	4	2,400	.....	.....	407,416	831,560	3
1	520	166	50,447	.....	.....	26	1,228	106	40,500	.....	.....	.....	.....	284,973	476,941	4
4	1,758	799	391,928	28	10,624	3	900	84	35,748	17	6,630	15	4,000	1,029,626	1,918,613	5
5	1,500	654	313,547	3	900	99	17,378	437	189,167	42	6,893	269	52,925	1,423,330	2,458,412	6
.....	.....	1,096	457,549	1	375	43	8,220	451	174,504	27	7,500	72	13,780	1,738,127	2,930,269	7
5	2,264	752	374,449	16	2,880	14	2,700	542	256,885	10	3,700	1	126	1,317,894	2,460,012	8

TABLE 5.—SPECIFIED INDUSTRIES, BY

178.—IRON AND STEEL, DOORS AND SHUTTERS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages	Males above 16 years. Number.	Wages.
1	The United States (a)	7	$42,550	$23,950	$10,000	$5,000	$8,950	$18,600	$4,210	53	$38,389	7	$7,625

a Includes establishments distributed as follows: Illinois, 1; Massachusetts, 1; Missouri, 1; New York, 2; Pennsylvania, 1; Washington, 1.

179.—IRON AND STEEL, FORGINGS.

1	The United States	90	7,152,145	4,281,004	1,125,732	699,308	2,455,964	2,871,141	386,812	4,448	2,638,641	235	322,451
2	California	3	78,505	28,000	.....	1,500	26,500	50,505	8,234	44	34,024	6	8,500
3	Connecticut	4	392,128	272,500	57,800	60,000	154,700	119,628	14,952	193	129,514	9	16,020
4	Illinois	8	786,659	258,600	22,000	22,000	214,600	528,059	31,012	289	208,439	21	35,990
5	Massachusetts	8	501,034	262,106	33,300	35,179	193,627	238,928	35,108	273	164,260	16	23,484
6	New Jersey	9	421,224	261,750	105,450	43,300	113,000	159,474	20,858	277	172,012	13	23,428
7	New York	18	1,194,635	864,275	211,688	168,662	483,925	330,360	66,754	692	470,198	49	65,804
8	Ohio	14	1,360,715	880,117	187,350	170,700	522,067	480,598	44,188	800	469,641	42	55,618
9	Pennsylvania	17	1,225,919	617,956	205,944	113,467	298,545	607,963	62,751	1,165	554,858	50	52,586
10	All other states (a)	9	1,191,326	835,700	302,200	84,500	449,000	355,626	82,955	715	435,695	29	41,015

a Includes establishments distributed as follows: Delaware, 1; Kentucky, 1; Maine, 1; Missouri, 2; Rhode Island 1; Virginia 1; Wisconsin, 2.

180.—IRON AND STEEL, NAILS AND SPIKES, CUT AND WROUGHT, INCLUDING WIRE NAILS.

1	The United States	138	24,334,549	13,825,194	2,273,151	3,108,506	8,443,537	10,509,355	1,244,624	17,116	7,816,994	498	664,889
2	Illinois	10	1,062,604	528,000	92,000	133,000	303,000	534,604	40,061	665	278,690	32	41,315
3	Indiana	4	513,979	340,482	40,660	58,313	241,509	173,497	33,079	635	175,048	11	12,070
4	Massachusetts	40	2,906,894	1,418,792	170,060	484,150	764,582	1,488,102	184,087	1,748	894,897	103	113,830
5	New Jersey	3	1,581,310	1,029,000	126,000	203,000	700,000	552,310	58,537	727	309,745	13	24,655
6	New York	8	661,000	348,403	41,000	105,000	202,403	312,597	46,529	357	172,821	25	25,880
7	Ohio	13	3,723,812	2,111,274	218,000	493,000	1,400,274	1,612,538	206,083	2,654	1,316,718	81	108,160
8	Pennsylvania	33	6,853,383	3,795,363	676,581	725,451	2,393,331	3,058,020	285,174	5,350	2,600,863	108	153,737
9	Virginia	4	1,844,405	1,139,340	378,000	266,000	495,340	705,065	104,939	1,504	578,716	32	55,390
10	West Virginia	6	2,343,827	1,532,943	263,000	350,000	919,943	810,884	47,008	1,795	682,176	25	32,521
11	Wisconsin	3	77,246	56,506	5,050	15,050	36,406	20,740	3,687	40	15,398	6	4,890
12	All other states (a)	14	2,766,089	1,525,091	262,800	275,542	986,749	1,240,998	235,440	1,641	791,922	62	92,441

a Includes establishments distributed as follows: Alabama, 1; California, 1; Connecticut, 2; Iowa, 1; Kentucky, 2; Maryland, 2; Michigan, 1; Missouri, 2; Rhode Island, 2.

181.—IRON AND STEEL, PIPE, WROUGHT.

1	The United States	22	22,622,367	9,043,906	1,678,093	1,917,951	5,447,862	13,578,461	1,095,805	12,064	5,845,462	368	446,422
2	New York	4	672,012	188,200	51,500	85,700	51,000	483,812	85,272	508	202,759	19	22,300
3	Pennsylvania	14	18,849,616	7,628,939	1,465,593	1,507,251	4,656,095	11,220,677	811,216	9,431	4,634,606	259	338,762
4	All other states (a)	4	3,100,739	1,226,767	161,000	325,000	740,767	1,873,972	199,317	2,125	1,008,097	90	85,360

a Includes establishments distributed as follows: Delaware, 1; Illinois, 2; Ohio, 1.

182.—IRONWORK, ARCHITECTURAL AND ORNAMENTAL. (See also Foundry and machine shop products.)

1	The United States	724	21,968,172	10,671,455	2,983,622	2,877,618	4,810,215	11,296,717	1,344,813	18,672	11,951,457	1,470	1,696,081
2	Arkansas	3	16,370	4,000	.....	.....	4,000	12,370	1,016	34	24,980	6	6,180
3	California	26	455,160	139,150	8,000	10,400	122,750	316,010	35,928	374	310,317	36	45,016
4	Colorado	14	142,200	26,850	.....	300	26,550	115,350	13,625	168	137,447	19	31,350
5	Connecticut	5	429,925	171,175	5,475	32,000	133,700	258,750	23,977	359	201,650	29	28,436
6	Delaware	4	1,597,932	837,831	24,677	268,506	544,648	760,101	51,016	482	300,438	35	57,084
7	District of Columbia	12	398,455	284,350	147,000	66,000	71,350	114,105	10,175	321	194,910	27	22,310
8	Georgia	3	67,242	21,500	3,000	6,000	12,500	45,742	4,172	82	49,202	6	6,852
9	Illinois	100	3,353,646	1,572,415	677,800	384,610	510,005	1,781,231	278,753	2,627	1,774,800	211	283,242
10	Indiana	19	413,292	165,486	64,550	42,100	58,836	247,806	15,129	400	208,842	46	39,653
11	Iowa	15	148,594	90,206	21,800	39,300	29,106	58,388	9,171	130	83,620	21	22,170
12	Kansas	12	141,528	69,113	21,700	17,700	29,713	72,415	10,650	128	78,808	18	16,333
13	Kentucky	12	604,216	370,060	124,500	104,900	140,660	234,156	42,136	471	271,365	32	47,392
14	Louisiana	10	93,250	38,000	8,000	6,000	24,000	55,250	6,758	102	60,979	12	12,290
15	Maryland	5	92,508	55,958	13,758	32,700	9,500	36,550	1,993	91	53,313	6	6,500
16	Massachusetts	26	995,918	479,144	146,433	131,411	201,300	516,774	55,244	834	518,073	67	70,838
17	Michigan	10	171,733	61,713	10,000	16,800	34,913	110,020	11,073	175	108,697	22	22,596
18	Minnesota	13	499,018	255,317	88,650	73,300	93,367	243,701	13,185	415	265,610	27	26,634
19	Missouri	44	2,079,073	895,001	290,639	248,901	355,461	1,184,972	127,831	1,350	846,441	102	138,417
20	Nebraska	13	173,491	23,095	5,500	6,200	11,395	150,396	8,807	175	129,262	16	19,865
21	New Jersey	20	365,712	240,700	59,450	57,800	123,450	125,012	14,267	437	275,122	28	30,943

STATES AND TERRITORIES: 1890—Continued.

178.—IRON AND STEEL, DOORS AND SHUTTERS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	43	$28,714	.....	.....	2	$250	1	$1,800	.....	.....	.....	.....	$29,792	$88,515	1

179.—IRON AND STEEL, FORGINGS.

5	$2,076	3,516	1,965,782	11	$2,700	43	8,378	595	329,308	.....	.....	43	$7,946	4,875,697	9,042,563	1
.....	.....	36	24,900	.....	.....	2	624	.....	.....	.....	.....	.....	.....	156,023	234,439	2
.....	.....	157	96,881	.....	.....	.....	.....	27	16,613	.....	.....	.....	.....	175,700	389,050	3
1	468	207	121,775	.....	.....	.....	.....	60	50,200	.....	.....	.....	.....	386,893	728,905	4
1	500	237	133,976	4	,000	.....	.....	15	5,306	.....	.....	.....	.....	168,381	449,799	5
.....	.....	219	128,865	.....	.....	.....	.....	45	19,719	.....	.....	.....	.....	192,296	417,214	6
1	208	605	372,486	7	1,700	.....	.....	30	30,000	.....	.....	.....	.....	663,478	1,430,918	7
1	600	651	370,923	.....	.....	10	2,000	86	37,900	.....	.....	10	2,600	1,128,441	1,805,206	8
1	300	759	343,846	.....	.....	30	5,604	292	147,176	.....	.....	33	5,346	970,590	1,844,428	9
.....	.....	645	372,130	.....	.....	1	150	40	22,400	.....	.....	.....	.....	1,033,895	1,742,604	10

180.—IRON AND STEEL, NAILS AND SPIKES, CUT AND WROUGHT, INCLUDING WIRE NAILS.

18	7,852	14,436	6,449,349	513	136,148	747	136,519	531	328,265	366	$92,665	7	1,307	22,960,737	34,227,517	1
.....	.....	414	183,895	151	36,555	29	6,073	27	4,040	12	6,812	.....	.....	586,578	1,062,578	2
.....	.....	574	155,778	.....	.....	50	7,200	.....	.....	.....	.....	.....	.....	488,372	695,083	3
8	3,152	878	462,118	163	50,132	7	1,617	288	187,584	301	76,404	.....	.....	1,669,317	3,144,083	4
.....	.....	700	282,736	.....	.....	14	2,354	.....	.....	.....	.....	.....	.....	511,577	946,170	5
.....	.....	193	104,304	47	8,966	.....	.....	61	28,883	31	4,788	.....	.....	444,790	773,306	6
.....	.....	2,324	1,143,386	42	11,096	207	54,076	.....	.....	.....	.....	.....	.....	5,876,277	7,929,912	7
7	3,420	4,878	2,309,576	40	10,200	151	23,890	140	94,790	19	3,943	7	1,307	6,851,423	10,410,808	8
.....	.....	1,422	517,126	.....	.....	50	6,200	.....	.....	.....	.....	.....	.....	1,343,466	2,068,734	9
2	780	1,603	624,022	5	1,200	160	23,653	.....	.....	.....	.....	.....	.....	2,329,933	3,140,931	10
.....	.....	21	8,264	3	294	7	1,050	3	900	.....	.....	.....	.....	32,367	56,221	11
1	500	1,429	658,144	62	17,705	72	10,406	12	12,068	3	658	.....	.....	2,826,637	3,999,691	12

181.—IRON AND STEEL, PIPE, WROUGHT.

3	1,325	10,807	5,036,707	5	2,346	284	57,704	596	300,758	.....	.....	1	200	25,988,798	37,906,801	1
1	450	476	175,295	.....	.....	8	1,716	4	2,998	.....	.....	.....	.....	1,121,150	1,584,200	2
2	875	8,307	3,942,025	4	1,496	266	53,488	592	297,760	.....	.....	1	200	20,597,831	30,249,795	3
.....	.....	2,024	919,387	1	850	10	2,500	.....	.....	.....	.....	.....	.....	4,269,808	6,072,806	4

182.—IRONWORK, ARCHITECTURAL AND ORNAMENTAL. (See also Foundry and machine shop products.)

44	19,675	16,656	10,002,485	9	3,120	146	27,028	343	201,924	.....	.....	4	1,144	18,020,510	37,745,294	1
.....	.....	24	18,246	.....	.....	4	554	.....	.....	.....	.....	.....	.....	20,515	53,000	2
.....	.....	309	247,662	.....	.....	7	1,395	18	15,100	.....	.....	4	1,144	411,222	914,874	3
.....	.....	148	105,842	.....	.....	1	255	.....	.....	.....	.....	.....	.....	130,585	332,500	4
2	1,200	328	172,014	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	394,368	948,523	5
2	1,200	274	155,364	.....	.....	11	1,800	160	84,990	.....	.....	.....	.....	771,342	1,131,837	6
.....	.....	294	172,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	250,930	464,360	7
.....	.....	70	41,310	.....	.....	6	1,040	.....	.....	.....	.....	.....	.....	38,564	110,075	8
4	2,586	2,355	1,487,727	1	220	33	6,910	23	14,121	.....	.....	.....	.....	2,536,505	5,438,026	9
5	1,920	328	155,281	.....	.....	10	2,288	11	9,700	.....	.....	.....	.....	284,383	650,676	10
.....	.....	107	60,890	.....	.....	1	210	1	350	.....	.....	.....	.....	99,932	238,550	11
.....	.....	106	61,669	.....	.....	4	804	.....	.....	.....	.....	.....	.....	133,545	287,528	12
3	1,300	423	220,053	.....	.....	13	2,620	.....	.....	.....	.....	.....	.....	444,901	859,070	13
.....	.....	88	48,377	.....	.....	2	312	.....	.....	.....	.....	.....	.....	51,791	147,068	14
.....	.....	85	46,813	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58,643	150,788	15
4	2,025	761	444,534	1	520	1	156	.....	.....	.....	.....	.....	.....	797,786	1,775,188	16
8	2,528	143	83,261	.....	.....	2	312	.....	.....	.....	.....	.....	.....	141,186	318,949	17
.....	.....	386	238,685	.....	.....	2	300	.....	.....	.....	.....	.....	.....	808,803	1,263,294	18
4	2,620	1,153	658,319	1	500	12	2,073	78	44,512	.....	.....	.....	.....	1,110,996	2,646,336	19
.....	.....	159	109,597	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	145,106	356,390	20
1	312	408	243,867	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	340,538	799,187	21

TABLE 5.—SPECIFIED INDUSTRIES, BY

182.—IRONWORK, ARCHITECTURAL AND ORNAMENTAL—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks. Males above 16 years.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.	Average number.	Total wages.	Number.	Wages.
22	New York	155	$3,739,291	$1,974,489	$718,000	$517,173	$739,316	$1,764,802	$322,298	4,346	$2,989,173	326	$397,178
23	Ohio	55	1,235,530	479,069	81,190	165,010	232,869	756,461	78,294	1,364	774,848	120	124,733
24	Pennsylvania	90	3,306,821	1,794,044	265,450	491,307	1,037,287	1,512,777	137,116	2,758	1,524,636	160	147,999
25	Rhode Island	4	67,665	22,000	4,000	6,500	11,500	45,665	3,960	79	46,315	6	6,200
26	Tennessee	5	79,335	29,435	10,000	2,000	17,435	49,900	4,750	74	44,761	8	6,420
27	Texas	13	230,422	83,112	14,600	21,000	47,512	147,310	10,129	155	112,408	15	15,800
28	Virginia	5	244,405	90,933	20,750	16,000	54,183	153,472	16,522	246	154,972	21	25,944
29	Washington	9	147,125	65,375	25,000	26,200	14,175	81,750	6,132	171	183,241	7	8,700
30	Wisconsin	10	592,085	290,134	112,500	74,000	103,634	301,951	26,355	233	157,817	25	33,883
31	All other states and territories. (a)	12	85,330	41,800	13,200	13,500	15,100	43,530	4,345	91	69,403	16	15,323

a Includes establishments distributed as follows: Alabama, 2; Maine, 2; Montana, 2, North Dakota, 1; Oregon, 1; South Carolina, 2; Utah, 2.

183.—IVORY AND BONE WORK.

1	The United States	64	1,894,549	839,272	135,000	402,400	301,872	1,055,277	111,293	1,345	687,360	102	94,657
2	California	3	2,200	1,400			1,400	800	555	7	3,842	1	416
3	Connecticut	5	602,055	228,768	16,000	95,509	117,268	373,287	22,825	285	136,387	14	12,600
4	Massachusetts	10	55,505	25,835	3,500	11,500	10,835	29,670	14,808	146	71,651	11	8,973
5	New Jersey	4	101,600	58,500	15,500	17,000	26,000	43,100	9,844	120	56,104	7	8,300
6	New York	23	858,525	456,876	100,000	275,000	81,876	401,649	35,501	427	268,926	29	33,733
7	Pennsylvania	7	222,959	41,528			41,528	181,431	23,827	311	122,359	26	18,794
8	Rhode Island	6	42,385	18,800			18,800	23,585	3,027	42	23,097	8	7,147
9	All other states (a)	6	9,320	7,565		3,400	4,165	1,755	906	7	4,994	6	4,694

a Includes establishments distributed as follows: Illinois, 2; Kentucky, 1; Maine, 1; Missouri, 1; Ohio, 1.

184.—JAPANNING.

1	The United States	39	285,794	111,900	9,650	18,600	83,650	173,894	21,941	292	156,201	49	51,004
2	Maryland	3	1,565	600			600	905	706	9	4,298	5	3,700
3	Massachusetts	9	15,210	7,500	500	1,500	5,500	7,710	3,515	42	25,414	8	8,480
4	New Jersey	5	12,700	7,850	400	250	7,200	4,850	1,420	19	9,329	6	5,400
5	New York	10	38,110	16,000	1,600	3,000	11,400	22,110	6,082	68	42,792	11	13,764
6	Pennsylvania	5	205,254	76,050	6,500	13,500	56,050	129,204	6,794	125	59,974	11	12,560
7	All other states (a)	7	12,955	3,900	650	350	2,900	9,055	3,424	29	14,394	8	7,100

a Includes establishments distributed as follows: California, 1; Illinois, 2; Michigan, 1; Missouri, 1; Ohio, 2.

185.—JEWELRY. (See also Watch, clock, and jewelry repairing.)

1	The United States	783	22,246,508	4,141,958	173,200	405,661	3,563,097	18,104,550	1,493,545	15,761	10,270,393	1,712	2,158,469
2	California	43	435,928	75,315			75,315	360,613	24,997	285	256,869	56	67,268
3	Colorado	4	86,075	14,050			14,050	72,025	9,030	29	29,555	7	9,162
4	District of Columbia	9	45,338	12,300			12,300	33,038	3,582	52	27,512	9	6,280
5	Florida	4	9,000	2,500			2,500	6,500	980	18	11,928	2	868
6	Illinois	25	297,615	71,700	8,600	5,800	57,300	225,915	50,973	371	298,113	44	56,212
7	Iowa	3	3,750	2,000			2,000	1,750	552	10	9,100	4	4,500
8	Kentucky	4	30,535	6,750			6,750	23,785	2,402	35	19,308	5	5,300
9	Louisiana	3	53,540	3,050			3,050	50,490	3,025	20	18,520	10	12,900
10	Maryland	8	249,335	13,850			13,850	235,485	7,415	77	53,385	10	14,254
11	Massachusetts	106	4,276,616	1,011,891	34,700	142,036	835,155	3,264,719	405,526	3,797	2,160,956	249	319,448
12	Michigan	3	3,900	3,200			3,200	700	1,158	25	18,528	1	208
13	Missouri	13	170,950	43,215			43,215	127,735	21,449	299	158,104	23	26,600
14	Montana	3	6,340	2,944			2,944	3,396	3,458	12	15,560	2	2,600
15	Nebraska	6	11,725	10,000			10,000	1,725	12,434	45	55,630	4	6,200
16	New Jersey	74	3,303,615	408,722	27,000	53,300	328,422	2,894,893	173,497	2,006	1,417,423	229	293,706
17	New York	195	3,461,294	616,080	39,900	25,600	550,580	2,845,214	246,216	2,420	1,929,929	410	543,868
18	Ohio	23	1,242,145	102,550			102,550	1,139,595	44,970	474	293,892	77	85,742
19	Oregon	4	59,600	6,600			6,600	53,000	5,130	32	33,094	8	11,050
20	Pennsylvania	45	2,169,517	366,864	22,050	30,175	308,639	1,793,653	115,808	1,096	663,580	121	132,624
21	Rhode Island	179	6,095,971	1,301,527	33,109	125,050	1,143,377	4,794,444	337,451	4,551	2,657,158	410	525,489
22	South Dakota	3	2,935	1,000			1,000	1,935	2,578	10	11,240	3	3,900
23	Texas	6	40,400	21,500	3,000	7,000	11,500	18,900	9,700	29	25,582	5	6,000
24	Washington	3	8,950	4,000			4,000	4,950	1,171	12	13,449	1	1,040
25	Wisconsin	4	70,950	15,550	2,750	6,500	6,300	55,400	2,942	36	23,174	5	4,804
26	All other states (a)	13	119,490	24,800	2,100	4,200	18,500	94,690	7,191	110	68,813	17	18,446

a Includes establishments distributed as follows: Arkansas, 2; Connecticut, 2; Georgia, 1; Indiana, 2; Kansas, 1; Minnesota, 1; North Carolina, 1; Tennessee, 2; Wyoming, 1.

STATES AND TERRITORIES: 1890—Continued.

182.—IRONWORK, ARCHITECTURAL AND ORNAMENTAL—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2	$400	4,008	$2,589,065	1	$468	6	$1,162	3	$900	.....	.....	.....	.....	$4,147,313	$8,386,281	22
3	1,000	1,212	636,609	4	912	10	1,454	15	10,140	.....	.....	.....	.....	1,051,614	2,278,839	23
4	1,750	2,549	1,350,549	1	500	10	1,727	34	22,111	.....	.....	.....	.....	3,375,757	5,888,948	24
.....	.....	73	40,115	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61,994	120,084	25
.....	.....	66	38,341	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45,435	120,775	26
.....	.....	140	96,608	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	182,371	386,822	27
.....	.....	215	127,528	.....	.....	10	1,500	.....	.....	.....	.....	.....	.....	248,604	475,710	28
.....	.....	164	174,541	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	112,240	396,000	29
2	840	205	122,938	.....	.....	1	156	.....	.....	.....	.....	.....	.....	345,438	604,532	30
.....	.....	75	54,080	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78,097	201,084	31

183.—IVORY AND BONE WORK.

3	836	901	473,830	140	42,040	18	2,718	160	67,166	20	$5,930	1	$174	921,975	1,918,607	1
.....	.....	6	3,426	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,749	9,100	2
1	336	174	88,394	27	8,664	.....	.....	54	22,208	14	4,011	1	174	403,020	607,074	3
.....	.....	112	54,135	16	5,007	.....	.....	6	3,356	1	180	.....	.....	40,315	137,282	4
2	500	85	39,364	16	3,690	5	750	5	3,500	.....	.....	.....	.....	30,386	114,180	5
.....	.....	360	220,993	35	12,952	.....	.....	.....	.....	3	1,248	.....	.....	300,620	660,588	6
.....	.....	133	52,536	42	10,459	15	1,968	95	38,102	2	500	.....	.....	128,811	330,116	7
.....	.....	30	14,682	4	1,268	.....	.....	.....	.....	.....	.....	.....	.....	14,101	47,286	8
.....	.....	1	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,973	12,081	9

184.—JAPANNING.

.....	.....	144	69,655	41	12,846	4	738	23	12,196	23	8,210	8	1,552	120,184	350,819	1
.....	.....	4	598	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,706	8,039	2
.....	.....	33	16,634	1	300	.....	.....	.....	.....	.....	.....	.....	.....	9,266	42,703	3
.....	.....	8	3,149	.....	.....	.....	.....	5	780	.....	.....	.....	.....	3,084	18,977	4
.....	.....	57	29,028	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36,286	104,203	5
.....	.....	22	13,108	40	12,546	3	582	18	11,416	23	8,210	8	1,552	46,071	126,200	6
.....	.....	20	7,138	.....	.....	1	156	.....	.....	.....	.....	.....	.....	23,771	50,700	7

185.—JEWELRY. (See also Watch, clock, and jewelry repairing.)

169	73,597	9,760	6,286,793	2,598	824,420	215	36,605	936	767,663	370	122,825	1	21	16,110,219	34,761,458	1
.....	.....	218	184,366	.....	.....	3	575	8	4,660	.....	.....	.....	.....	1,097,871	1,523,971	2
.....	.....	21	20,237	.....	.....	1	156	.....	.....	.....	.....	.....	.....	46,912	116,400	3
1	468	41	20,664	.....	.....	1	100	.....	.....	.....	.....	.....	.....	22,580	69,700	4
.....	.....	16	11,060	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,381	26,100	5
9	4,883	294	230,427	16	5,306	8	1,280	.....	.....	.....	.....	.....	.....	453,607	932,000	6
.....	.....	6	4,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,620	21,807	7
.....	.....	28	13,826	.....	.....	2	182	.....	.....	.....	.....	.....	.....	33,451	64,183	8
.....	.....	9	5,056	.....	.....	.....	.....	1	564	.....	.....	.....	.....	8,042	42,000	9
.....	.....	64	38,569	1	250	2	312	.....	.....	.....	.....	.....	.....	138,658	260,650	10
45	21,687	2,336	1,380,536	941	316,039	10	1,711	93	77,990	123	43,545	.....	.....	1,803,444	5,507,415	11
.....	.....	24	18,320	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,186	43,575	12
1	520	166	125,724	10	3,820	9	1,440	.....	.....	.....	.....	.....	.....	186,048	447,540	13
.....	.....	10	12,960	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,810	43,798	14
.....	.....	41	49,430	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,320	137,500	15
20	6,882	1,119	766,623	290	98,986	37	6,177	279	232,124	32	12,925	.....	.....	2,357,326	4,724,500	16
16	5,820	1,646	1,123,148	182	67,266	4	988	160	187,839	2	1,000	.....	.....	3,489,132	7,385,139	17
14	5,804	303	176,948	65	16,263	5	845	10	8,200	.....	.....	.....	.....	959,901	1,588,777	18
.....	.....	22	21,680	.....	.....	2	364	.....	.....	.....	.....	.....	.....	41,400	92,654	19
12	5,334	648	409,172	72	23,736	72	13,445	103	65,350	68	13,919	.....	.....	1,886,311	3,215,614	20
40	21,140	2,610	1,577,002	1,004	288,304	59	9,030	273	184,736	145	51,436	1	21	3,301,814	8,011,067	21
.....	.....	7	7,340	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,370	27,397	22
.....	.....	23	18,982	.....	.....	.....	.....	1	600	.....	.....	.....	.....	20,005	99,100	23
.....	.....	11	12,400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,600	32,800	24
.....	.....	29	17,920	2	450	.....	.....	.....	.....	.....	.....	.....	.....	47,180	94,500	25
2	964	68	39,803	15	4,000	.....	.....	8	5,600	.....	.....	.....	.....	112,250	253,271	26

TABLE 5.—SPECIFIED INDUSTRIES, BY

186.—JEWELRY AND INSTRUMENT CASES.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	76	$634,900	$141,196	$1,700	$16,700	$122,796	$493,704	$70,679	1,038	$587,574	127	$140,231
2	Massachusetts	6	14,625	7,650	100	800	6,750	6,975	2,315	34	23,614	5	4,400
3	New Jersey	4	15,772	3,600	100	400	3,100	12,172	2,314	34	19,059	5	3,715
4	New York	45	443,474	84,976	1,000	14,000	69,976	358,498	46,085	689	401,098	89	98,449
5	Pennsylvania	8	53,984	9,550	----	----	9,550	44,434	9,332	104	55,002	16	20,352
6	All other states (a)	13	107,045	35,420	500	1,500	33,420	71,625	10,633	177	88,801	12	13,315

a Includes establishments distributed as follows: California, 2; Illinois, 2; Maine, 2; Maryland, 1; Michigan, 1; New Hampshire, 1; Ohio, 2; Rhode Island, 2.

187.—JUTE AND JUTE GOODS.

1	The United States (a)...	7	1,645,636	891,611	89,800	295,000	506,811	754,025	168,258	1,212	391,586	18	23,001

a Includes establishments distributed as follows: Connecticut, 1; New Jersey, 5; New York, 1.

188.—KAOLIN AND OTHER EARTH GRINDING.

1	The United States...	95	3,334,575	2,114,931	683,422	532,950	898,559	1,219,644	222,527	1,461	744,129	185	193,413
2	California	3	186,700	132,000	71,000	20,000	41,000	54,700	6,554	37	19,419	6	4,750
3	Connecticut	3	58,548	31,120	1,500	11,359	18,261	27,428	3,763	23	16,109	4	4,400
4	Maine	5	99,495	51,500	13,000	17,500	21,000	47,995	10,199	84	26,476	8	5,803
5	Maryland	4	46,295	27,820	6,000	8,000	13,820	12,475	4,381	28	10,442	2	1,510
6	Massachusetts	7	156,233	86,911	16,100	18,450	52,361	69,322	29,779	70	39,732	11	12,328
7	Michigan	5	394,738	285,461	83,722	124,151	77,588	109,277	16,884	168	68,075	18	14,450
8	Missouri	3	34,963	20,145	2,000	3,000	15,145	14,818	4,953	29	19,310	8	9,100
9	New Jersey	5	175,839	56,593	1,100	10,800	44,693	119,246	27,896	48	29,110	10	11,644
10	New York	15	911,503	636,660	254,500	93,300	288,800	274,903	55,318	306	201,777	34	47,339
11	Ohio	5	189,549	104,170	17,900	36,140	50,130	85,379	12,238	62	29,296	8	5,720
12	Pennsylvania	23	708,789	429,500	147,600	122,250	159,650	279,289	34,837	421	197,638	41	40,540
13	All other states (a)	17	377,923	253,111	69,000	68,000	116,111	124,812	15,725	175	86,745	35	35,829

a Includes establishments distributed as follows: Colorado, 2; Delaware, 1; Illinois, 2; Kansas, 1; Minnesota, 1; Nebraska, 1; North Carolina, 1; South Dakota, 1; Tennessee, 1; Vermont, 2; Virginia, 1; Washington, 1; West Virginia, 1; Wisconsin, 1.

189.—KINDLING WOOD.

1	The United States...	136	1,299,533	872,105	242,772	210,950	418,383	427,428	173,298	1,805	772,377	184	152,673
2	District of Columbia	8	26,430	11,850	1,850	2,650	7,350	14,580	2,980	40	17,991	11	6,959
3	Maine	5	68,050	47,950	2,200	15,500	30,250	20,100	17,861	100	37,595	6	3,540
4	Massachusetts	11	51,851	35,000	8,000	7,950	19,050	16,851	7,575	115	45,624	16	11,139
5	Missouri	11	14,500	8,320	5,500	900	1,920	6,180	1,374	34	13,350	12	5,926
6	New Jersey	8	39,327	25,150	9,200	4,250	11,700	14,177	2,846	74	32,322	9	7,492
7	New York	52	686,641	462,020	161,400	92,050	208,570	224,621	77,441	823	418,821	81	83,817
8	Ohio	12	0,080	2,045	100	200	1,745	4,035	2,006	41	15,236	11	7,342
9	Pennsylvania	21	392,139	271,230	53,372	85,050	132,808	120,909	59,033	530	170,312	27	19,234
10	All other states (a)	8	14,515	8,540	1,150	2,400	4,990	5,975	2,182	48	21,126	11	7,224

a Includes establishments distributed as follows: Colorado, 1; Illinois, 1; Iowa, 1; Kentucky, 2; Michigan, 1; Nebraska, 1; Rhode Island, 1.

190.—LABELS AND TAGS.

1	The United States...	47	646,815	450,180	33,600	61,950	354,630	196,635	00,882	710	379,897	85	87,365
2	Illinois	7	31,535	20,300	250	750	19,300	11,235	2,094	59	17,036	7	5,600
3	Maryland	3	49,452	32,600	1,500	1,560	29,600	16,852	3,463	36	15,960	7	5,408
4	Missouri	5	16,880	4,480	550	900	3,030	12,400	1,229	18	11,700	6	5,772
5	New York	19	188,800	127,650	25,000	15,000	87,650	01,210	26,979	233	150,650	31	44,740
6	Pennsylvania	5	21,962	14,100	200	600	13,300	7,862	2,271	41	14,414	6	4,270
7	All other states (a)	8	338,126	251,050	6,100	43,200	201,750	87,076	24,246	323	170,137	28	21,575

a Includes establishments distributed as follows: Connecticut, 1; Massachusetts, 2; Michigan, 1; Minnesota, 1; New Hampshire, 1; New Jersey, 1; Virginia, 1.

STATES AND TERRITORIES: 1890—Continued.

186.—JEWELRY AND INSTRUMENT CASES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecoworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1	$416	597	$367,225	200	$60,068	17	$2,824	23	$14,780	12	$1,796	1	$234	$483,441	$1,454,053	1
.....	.....	28	18,902	1	312	.....	.....	.....	.....	.....	.....	.....	.....	5,825	40,908	2
.....	.....	24	13,504	5	1,840	.....	.....	.....	.....	.....	.....	.....	.....	18,754	47,008	3
.....	.....	402	251,733	157	33,490	6	850	23	14,780	12	1,796	.....	.....	309,907	958,657	4
1	416	44	22,722	36	9,984	6	1,294	.....	.....	.....	.....	1	234	63,979	173,520	5
.....	.....	99	60,364	61	14,442	5	680	.....	.....	.....	.....	.....	.....	84,976	233,960	6

187.—JUTE AND JUTE GOODS.

.....	.....	307	148,876	665	180,137	167	22,672	.....	.....	55	16,900	.....	.....	501,909	1,120,121	1

188.—KAOLIN AND OTHER EARTH GRINDING.

5	1,837	1,215	520,971	.....	.....	5	628	51	27,280	.....	.....	.....	.....	1,330,290	2,846,862	1
.....	.....	25	10,569	.....	.....	.....	.....	6	4,100	.....	.....	.....	.....	64,330	135,145	2
.....	.....	19	11,709	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70,134	90,971	3
.....	.....	69	18,223	.....	.....	.....	.....	7	2,450	.....	.....	.....	.....	41,252	81,065	4
.....	.....	26	8,932	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,579	35,200	5
1	580	55	25,324	.....	.....	.....	.....	3	1,500	.....	.....	.....	.....	72,936	175,971	6
.....	.....	141	51,025	.....	.....	4	600	5	2,000	.....	.....	.....	.....	91,828	225,725	7
.....	.....	21	10,210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33,910	88,900	8
.....	.....	37	17,438	.....	.....	1	28	.....	.....	.....	.....	.....	.....	65,874	134,176	9
2	832	247	138,221	.....	.....	.....	.....	23	15,385	.....	.....	.....	.....	389,094	801,114	10
1	275	53	23,301	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62,212	140,935	11
.....	.....	385	156,153	.....	.....	.....	.....	5	945	.....	.....	.....	.....	273,244	609,339	12
1	150	137	49,866	.....	.....	.....	.....	2	900	.....	.....	.....	.....	152,897	322,321	13

189.—KINDLING WOOD.

4	3,610	1,025	454,816	18	4,646	22	2,886	377	120,065	130	25,147	45	8,534	1,187,460	2,401,873	1
.....	.....	25	10,304	.....	.....	.....	.....	4	728	.....	.....	.....	.....	26,846	53,260	2
.....	.....	62	27,721	.....	.....	.....	.....	32	6,334	.....	.....	.....	.....	42,997	107,238	3
.....	.....	76	31,135	.....	.....	.....	.....	7	950	16	2,400	.....	.....	90,150	146,143	4
.....	.....	19	7,074	.....	.....	3	350	.....	.....	.....	.....	.....	.....	11,090	30,140	5
.....	.....	37	15,886	.....	.....	.....	.....	28	8,944	.....	.....	.....	.....	43,619	93,366	6
3	3,310	503	246,816	1	416	4	612	205	76,170	12	2,700	14	4,980	799,839	1,439,710	7
.....	.....	24	7,270	.....	.....	6	624	.....	.....	.....	.....	.....	.....	4,622	25,375	8
1	300	257	97,565	17	4,230	2	437	93	24,945	102	20,047	31	3,554	145,494	455,949	9
.....	.....	22	11,045	.....	.....	7	863	8	1,994	.....	.....	.....	.....	22,803	50,692	10

190.—LABELS AND TAGS.

7	3,572	414	247,046	137	33,740	27	2,814	1	780	12	2,220	27	2,360	402,371	1,048,304	1
1	624	18	5,712	5	1,200	2	400	.....	.....	6	1,500	20	2,000	27,240	58,715	2
.....	.....	23	9,540	3	700	3	312	.....	.....	.....	.....	.....	.....	31,550	60,000	3
.....	.....	6	4,134	5	1,014	.....	.....	1	780	.....	.....	.....	.....	4,756	20,300	4
2	1,248	133	82,568	67	22,094	.....	.....	.....	.....	.....	.....	.....	.....	121,026	333,800	5
.....	.....	22	8,430	1	182	5	752	.....	.....	6	720	1	60	5,815	26,751	6
4	1,700	212	136,662	56	8,550	17	1,350	.....	.....	.....	.....	6	300	211,984	548,738	7

TABLE 5.—SPECIFIED INDUSTRIES, BY

191.—LAMPS AND REFLECTORS. (See also Gas and lamp fixtures.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	93	$2,550,214	$902,772	$82,900	$134,300	$685,572	$1,647,442	$197,759	2,286	$1,320,273	213	$280,701
2	Illinois	9	87,850	39,450	3,300	10,000	26,150	48,400	8,721	80	49,534	12	11,109
3	Kentucky	3	13,615	2,165	.....	.....	2,165	11,450	611	10	8,173	4	3,952
4	Maryland	3	3,150	1,650	100	400	1,150	1,500	593	8	4,036	2	1,124
5	Massachusetts	3	45,010	1,650	.....	.....	1,650	43,360	5,759	32	20,980	4	5,140
6	Missouri	4	135,350	30,850	.....	10,000	20,850	104,500	8,960	147	53,242	14	12,020
7	New Jersey	6	279,451	125,500	41,500	38,500	46,500	152,951	13,945	244	125,381	10	12,567
8	New York	43	1,275,671	553,161	22,200	48,400	482,561	722,510	120,875	1,442	851,382	105	173,151
9	Ohio	6	172,025	98,475	15,800	17,000	65,675	73,550	10,915	154	85,164	31	31,656
10	Pennsylvania	11	479,857	37,136	.....	10,000	27,136	442,721	23,242	101	71,082	24	22,766
11	All other states and territories. (a)	5	58,235	11,735	.....	.....	11,735	46,500	4,138	68	51,299	7	7,216

a Includes establishments distributed as follows: California, 1; Connecticut, 2; District of Columbia, 1; Wisconsin, 1.

192.—LAPIDARY WORK.

1	The United States...	29	100,635	26,435	.....	.....	26,435	74,200	13,294	129	99,486	36	39,344
2	California	4	5,005	685	.....	.....	685	4,320	591	8	8,066	5	6,116
3	Massachusetts	3	2,750	650	.....	.....	650	2,100	752	10	5,096	4	3,440
4	New York	15	77,905	19,500	.....	.....	19,500	58,405	8,998	90	74,092	18	24,800
5	All other states (a)	7	14,975	5,600	.....	.....	5,600	9,375	2,953	21	12,232	9	4,988

a Includes establishments distributed as follows: Illinois, 1; Missouri, 1; New Jersey, 2; Pennsylvania, 2; Rhode Island, 1.

193.—LARD, REFINED. (See also Slaughtering.)

1	The United States...	17	3,898,910	898,215	106,430	152,870	638,915	3,000,695	845,116	1,018	648,042	120	181,300
2	Illinois	5	1,625,440	344,415	68,430	85,870	190,115	1,281,025	581,934	293	167,625	15	15,675
3	Massachusetts	4	34,925	12,200	.....	.....	12,200	22,725	2,876	16	10,440	5	4,264
4	New York	3	755,745	106,000	10,000	30,000	66,000	649,745	162,314	210	148,928	40	46,916
5	All other states (a)	5	1,482,800	435,600	28,000	37,000	370,600	1,047,200	97,992	499	321,049	60	114,445

a Includes establishments distributed as follows: Missouri, 1; Ohio, 2; Pennsylvania, 1; Vermont, 1.

194.—LASTS.

1	The United States...	52	906,820	391,282	85,750	78,400	227,132	515,538	62,192	774	571,732	76	85,439
2	Maine	3	19,025	12,600	3,800	3,000	5,800	6,425	1,807	21	14,525	4	5,025
3	Massachusetts	23	501,268	200,497	41,250	48,300	110,947	300,771	33,968	335	277,537	36	37,512
4	New York	12	201,033	91,300	20,500	21,300	49,500	109,733	15,222	223	150,185	19	25,778
5	Pennsylvania	5	45,181	13,285	.....	.....	13,285	31,896	3,129	67	37,799	5	4,664
6	All other states (a)	9	140,313	73,600	20,200	5,800	47,600	66,713	8,066	128	91,686	12	12,460

a Includes establishments distributed as follows: California, 2; Illinois, 2; Maryland, 1; Michigan, 1; New Hampshire, 1; New Jersey, 1; Vermont, 1.

195.—LEAD, BAR, PIPE, AND SHEET.

1	The United States...	28	4,892,525	2,405,572	881,844	675,800	847,928	2,486,953	208,645	780	552,321	137	165,963
2	Illinois	3	959,464	466,678	180,600	87,500	198,178	492,786	31,950	186	120,240	32	32,270
3	Massachusetts	3	914,054	494,144	168,344	211,800	114,000	419,910	41,484	109	82,192	19	26,393
4	New York	8	1,392,841	589,000	260,000	138,000	191,000	803,841	75,018	227	173,649	46	53,172
5	Ohio	3	191,874	31,000	.....	.....	31,000	160,874	14,040	39	31,840	10	14,040
6	Pennsylvania	3	597,792	371,750	162,000	100,000	109,750	326,042	12,528	97	57,344	5	7,812
7	All other states (a)	8	736,500	453,000	111,500	138,500	203,000	283,500	33,625	122	87,056	25	32,270

a Includes establishments distributed as follows: California, 1; Colorado, 1; Maryland, 1; Michigan, 1; Minnesota, 1; Missouri, 1; New Jersey, 1; Rhode Island, 1.

196.—LEATHER BOARD. (See also Paper.)

1	The United States...	8	445,743	250,053	47,790	65,607	136,656	195,690	30,166	185	92,163	20	19,711
2	Maine	3	147,090	101,290	25,290	19,000	57,000	45,800	3,750	63	31,800	9	4,900
3	Massachusetts	5	298,653	148,763	22,500	46,607	79,656	149,890	26,416	110	60,363	11	14,811

STATES AND TERRITORIES: 1890—Continued.

191.—LAMPS AND REFLECTORS. (See also Gas and lamp fixtures.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
7	$3,612	1,730	$928,854	131	$30,404	52	$10,026	140	$60,684	13	$5,992	.....	.....	$1,542,092	$4,039,359	1
.....	.....	55	33,565	9	1,960	2	300	2	2,600	.....	.....	.....	.....	36,395	125,650	2
.....	.....	6	4,221	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,036	16,500	3
.....	.....	6	2,912	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,761	8,800	4
.....	.....	28	15,840	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,514	40,600	5
.....	.....	118	39,822	15	1,400	.....	.....	.....	.....	.....	.....	.....	.....	73,916	184,582	6
.....	.....	147	73,646	53	15,752	3	624	18	16,800	13	5,992	.....	.....	331,115	575,200	7
6	2,612	1,156	634,918	30	5,150	41	7,675	104	27,876	.....	.....	.....	.....	849,335	2,494,572	8
.....	.....	99	47,668	21	5,060	3	780	.....	.....	.....	.....	.....	.....	59,205	207,500	9
1	1,000	69	43,434	3	1,082	1	200	3	2,600	.....	.....	.....	.....	145,236	291,355	10
.....	.....	46	32,828	.....	.....	2	447	13	10,808	.....	.....	.....	.....	28,579	94,600	11

192.—LAPIDARY WORK.

1	1,500	82	54,512	.....	.....	5	780	5	3,350	.....	.....	.....	.....	124,852	315,604	1
.....	.....	3	1,950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,220	14,500	2
.....	.....	3	1,188	.....	.....	3	468	.....	.....	.....	.....	.....	.....	1,602	8,416	3
.....	.....	66	45,786	.....	.....	1	156	5	3,350	.....	.....	.....	.....	107,125	262,950	4
1	1,500	10	5,588	.....	.....	1	156	.....	.....	.....	.....	.....	.....	12,905	29,738	5

193.—LARD, REFINED. (See also Slaughtering.)

10	6,640	683	408,896	112	29,480	61	11,950	3	676	29	9,100	.....	.....	12,654,360	15,474,848	1
.....	.....	200	129,400	33	9,700	16	3,750	.....	.....	29	9,100	.....	.....	3,545,603	4,554,831	2
1	300	9	5,720	.....	.....	.....	.....	1	156	.....	.....	.....	.....	111,628	126,382	3
1	780	169	101,232	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,990,155	6,615,452	4
8	5,560	305	172,544	79	19,780	45	8,200	2	520	.....	.....	.....	.....	3,006,974	4,178,183	5

194.—LASTS.

2	550	501	329,975	.....	.....	2	416	193	155,352	.....	.....	.....	.....	331,225	1,239,065	1
.....	.....	17	9,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,695	30,138	2
1	300	175	140,706	.....	.....	.....	.....	123	99,019	.....	.....	.....	.....	178,348	640,601	3
1	250	146	78,068	.....	.....	.....	.....	57	46,089	.....	.....	.....	.....	78,235	284,623	4
.....	.....	61	32,407	.....	.....	.....	.....	1	728	.....	.....	.....	.....	22,388	79,307	5
.....	.....	102	69,294	.....	.....	2	416	12	9,516	.....	.....	.....	.....	45,559	204,396	6

195.—LEAD, BAR, PIPE, AND SHEET.

6	3,170	634	381,888	.....	.....	.....	.....	1	575	2	725	.....	.....	6,882,157	8,351,754	1
2	1,050	152	86,920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,447,381	2,584,200	2
.....	.....	90	55,793	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	799,509	1,010,786	3
1	520	177	118,657	.....	.....	.....	.....	1	575	2	725	.....	.....	1,953,067	2,449,719	4
2	1,200	27	16,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	362,750	441,700	5
.....	.....	92	49,532	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	374,140	507,739	6
1	400	96	54,386	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	945,310	1,357,610	7

196.—LEATHER BOARD. (See also Paper.)

2	1,000	160	70,452	2	600	.....	.....	1	400	.....	.....	.....	.....	211,936	463,705	1
2	1,000	55	24,900	2	600	.....	.....	1	400	.....	.....	.....	.....	89,037	162,750	2
.....	.....	105	45,552	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122,899	300,955	3

TABLE 5.—SPECIFIED INDUSTRIES, BY

197.—LEATHER, DRESSED SKINS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	38	$434,800	$171,700	$45,675	$71,000	$55,025	$263,100	$30,978	355	$207,724	58	$47,911
2	Massachusetts	3	35,500	6,500	----	----	6,500	29,000	4,697	57	29,306	5	4,120
3	New Jersey	9	289,345	103,695	36,600	40,500	26,595	185,650	18,551	166	102,195	23	22,960
4	New York	18	70,456	52,500	6,775	27,725	18,000	17,956	3,827	102	56,833	22	13,491
5	Rhode Island	3	22,450	4,750	1,000	1,500	2,250	17,700	1,549	13	8,260	3	2,360
6	All other states (a)	5	17,049	4,255	1,300	1,275	1,680	12,794	2,354	17	11,130	5	4,980

a Includes establishments distributed as follows: Illinois, 1; Ohio, 2; Texas, 2.

198.—LEATHER GOODS. (See also Pocketbooks; Trunks and valises.)

1	The United States...	139	2,980,060	692,622	117,110	130,343	445,169	2,287,438	190,874	3,074	1,464,124	305	336,620
2	Illinois	6	359,502	52,572	----	----	52,572	306,930	22,244	313	138,332	21	23,390
3	Massachusetts	23	155,767	38,397	660	1,000	36,737	117,370	10,449	259	123,218	42	36,657
4	Missouri	3	16,253	8,153	----	1,499	6,654	8,100	1,827	27	16,036	5	5,600
5	New Hampshire	4	158,018	77,541	12,000	20,594	44,947	80,477	11,267	52	26,587	4	5,820
6	New Jersey	8	165,850	34,375	1,900	1,300	31,175	131,475	10,618	264	98,646	15	14,440
7	New York	70	1,410,250	391,759	92,400	102,500	196,859	1,018,491	53,843	1,399	728,234	149	186,515
8	Pennsylvania	15	496,195	54,300	19,050	2,050	42,200	441,895	51,097	571	279,135	57	54,969
9	All other states (a)	10	218,225	35,525	100	1,400	34,025	182,700	23,619	189	53,336	12	9,229

a Includes establishments distributed as follows: Colorado, 1; Maryland, 2; Michigan, 2; Minnesota, 2; Rhode Island, 1; South Carolina, 1; Wisconsin, 1.

199.—LEATHER, MOROCCO.

1	The United States...	121	12,283,793	3,988,333	651,800	1,793,300	1,543,227	8,295,460	838,727	8,237	4,599,569	414	454,262
2	Delaware	17	1,754,672	478,800	75,000	189,000	214,800	1,275,872	117,232	1,432	722,179	80	102,598
3	Massachusetts	51	2,519,564	643,487	102,800	171,085	369,602	1,876,077	200,866	2,191	1,309,785	102	106,426
4	New Jersey	4	1,315,000	1,050,000	160,000	660,000	230,000	265,000	69,847	634	346,912	27	24,700
5	New York	10	1,349,344	375,669	88,500	126,221	160,948	973,675	68,480	820	457,923	59	63,865
6	Pennsylvania	34	5,054,413	1,345,377	295,500	601,000	538,877	3,709,036	366,692	3,029	1,692,065	138	150,528
7	All other states (a)	5	290,800	95,000	20,000	46,000	29,000	195,800	9,619	131	70,705	8	6,145

a Includes establishments distributed as follows: Connecticut, 1; Kentucky, 1; Maryland, 1; Missouri, 1; Ohio, 1.

200.—LEATHER, PATENT AND ENAMELED.

1	The United States...	32	4,108,409	1,530,767	461,500	647,900	421,367	2,577,642	218,546	2,087	1,352,981	81	131,735
2	Massachusetts	5	88,900	44,600	22,300	16,500	5,800	44,300	4,595	45	23,200	6	3,600
3	New Jersey	22	3,524,526	1,281,800	393,800	546,400	341,600	2,242,726	185,352	1,739	1,166,224	71	124,335
4	All other states (a)	5	494,983	204,367	45,400	85,000	73,967	290,616	28,599	303	163,557	4	3,800

a Includes establishments distributed as follows: Connecticut, 1; Delaware, 1; New York, 1; Ohio, 1; Pennsylvania, 1.

201.—LEATHER, TANNED AND CURRIED. (See Table 8.)

1	The United States...	1,596	81,261,696	22,526,492	6,346,010	10,155,462	6,025,020	58,735,204	4,309,421	34,348	17,825,605	2,050	2,086,155
2	Alabama	21	38,045	15,040	4,750	6,550	3,740	23,005	1,546	51	11,314	10	3,317
3	Arkansas	5	13,525	5,550	650	4,000	900	7,975	454	9	2,814	1	250
4	California	62	3,119,208	952,725	299,750	352,000	300,975	2,166,573	183,428	1,193	826,331	94	119,912
5	Connecticut	7	369,021	49,668	7,550	23,144	18,974	319,353	25,763	124	67,443	21	16,448
6	Delaware	3	36,587	15,890	2,290	8,700	4,900	20,697	3,139	17	9,193	4	3,462
7	Georgia	32	373,610	145,575	14,790	66,535	64,250	228,035	12,721	255	94,360	38	22,444
8	Illinois	30	4,876,671	1,198,280	620,730	325,300	252,250	3,678,391	160,141	1,947	1,190,922	83	104,604
9	Indiana	46	780,757	239,153	51,014	116,780	71,359	541,604	33,074	357	173,380	36	28,764
10	Kentucky	31	2,519,339	706,217	254,225	310,892	141,100	1,813,122	199,684	635	351,028	53	61,097
11	Louisiana	4	35,060	14,300	4,800	6,200	3,300	20,760	625	20	12,360	3	3,936
12	Maine	51	2,231,702	922,403	57,085	547,265	318,053	1,309,299	117,141	911	411,791	59	48,950
13	Maryland	32	594,478	197,945	45,875	105,030	47,040	396,533	42,315	356	148,548	43	33,109
14	Massachusetts	138	9,002,929	1,936,780	394,180	764,699	777,901	7,066,149	638,128	5,852	3,343,688	245	345,820
15	Michigan	20	1,200,982	397,719	108,678	181,848	107,193	803,263	52,774	378	198,594	41	35,418
16	Minnesota	10	482,457	132,950	81,525	29,250	22,175	349,507	9,458	112	60,267	7	6,525
17	Mississippi	4	14,220	7,225	1,125	3,650	2,450	6,995	818	13	4,046	3	1,289
18	Missouri	17	691,353	188,157	64,900	67,400	55,857	503,196	25,344	328	194,287	18	30,600
19	New Hampshire	18	1,303,992	456,863	82,700	199,800	174,363	847,129	93,238	709	337,556	34	33,255
20	New Jersey	31	1,185,362	359,533	94,300	149,407	115,826	825,829	57,320	757	482,246	51	66,730
21	New York	200	13,204,247	3,338,880	1,004,335	1,359,688	974,857	9,865,367	734,084	5,756	2,864,665	313	342,593

STATES AND TERRITORIES: 1890—Continued.

197.—LEATHER, DRESSED SKINS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	235	$131,695	21	$6,216	3	$604	38	$21,298	.....	.....	.....	.....	$724,739	$1,072,755	1
.....	.....	20	12,154	19	5,350	.....	.....	13	7,682	.....	.....	.....	.....	219,069	273,000	2
.....	.....	129	71,599	1	416	3	604	10	6,616	.....	.....	.....	.....	433,647	602,790	3
.....	.....	70	39,342	.....	.....	.....	.....	10	4,000	.....	.....	.....	.....	26,219	106,775	4
.....	.....	5	2,900	.....	.....	.....	.....	5	3,000	.....	.....	.....	.....	20,550	35,082	5
.....	.....	11	5,700	1	450	.....	.....	.....	.....	.....	.....	.....	.....	25,254	55,108	6

198.—LEATHER GOODS. (See also Pocketbooks; Trunks and valises.)

15	$7,108	1,569	761,894	879	233,012	86	15,500	193	105,528	24	$4,162	3	$200	2,988,747	5,578,428	1
.....	.....	254	106,080	37	8,762	.....	.....	1	100	.....	.....	.....	.....	177,315	410,797	2
1	500	105	51,244	82	23,056	.....	.....	21	10,061	6	1,500	2	200	118,414	301,826	3
.....	.....	17	10,100	5	936	.....	.....	.....	.....	.....	.....	.....	.....	18,278	43,800	4
.....	.....	31	16,378	10	3,400	.....	.....	7	989	.....	.....	.....	.....	99,089	150,974	5
2	1,140	116	53,864	44	12,960	84	15,150	3	1,092	.....	.....	.....	.....	395,426	523,261	6
6	3,468	716	374,037	448	120,716	2	350	69	42,386	8	662	1	100	1,559,433	2,892,461	7
6	2,000	241	118,723	165	50,543	.....	.....	92	50,900	10	2,600	.....	.....	506,402	1,014,428	8
.....	.....	89	31,468	88	12,639	.....	.....	.....	.....	.....	.....	.....	.....	114,390	240,881	9

199.—LEATHER, MOROCCO.

12	6,114	6,029	3,157,773	114	36,225	296	56,683	1,333	874,304	22	10,680	17	3,528	18,174,452	26,279,105	1
1	500	1,082	531,942	62	17,698	117	20,629	72	44,284	2	1,200	16	3,328	2,752,680	4,015,694	2
6	3,228	1,713	978,758	1	350	.....	.....	364	219,239	4	1,584	1	200	3,727,846	5,955,422	3
2	1,000	470	248,652	19	6,000	16	4,160	100	62,400	.....	.....	.....	.....	1,625,830	2,256,500	4
.....	.....	712	369,345	23	8,845	9	2,200	17	13,668	.....	.....	.....	.....	2,009,792	2,734,041	5
3	1,386	1,929	964,516	9	3,332	154	29,694	780	534,713	16	7,896	.....	.....	7,783,519	10,920,198	6
.....	.....	123	64,560	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	274,785	397,250	7

200.—LEATHER, PATENT AND ENAMELED.

1	312	1,370	790,654	.....	.....	.....	.....	635	430,280	.....	.....	.....	.....	3,932,724	6,502,228	1
.....	.....	31	16,525	.....	.....	.....	.....	8	3,075	.....	.....	.....	.....	97,063	159,968	2
1	312	1,049	620,108	.....	.....	.....	.....	618	421,469	.....	.....	.....	.....	3,186,636	5,430,161	3
.....	.....	290	154,021	.....	.....	.....	.....	9	5,736	.....	.....	.....	.....	649,025	912,099	4

201.—LEATHER, TANNED AND CURRIED. (See Table 8.)

19	9,401	29,130	13,916,135	80	21,966	76	12,000	2,963	1,772,196	27	7,612	3	140	100,114,806	138,282,004	1
.....	.....	36	7,622	1	150	1	50	3	175	.....	.....	.....	.....	42,539	77,066	2
.....	.....	8	2,564	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,765	16,684	3
.....	.....	1,084	695,395	2	1,000	2	400	11	9,624	.....	.....	.....	.....	4,165,410	5,729,278	4
.....	.....	90	44,345	4	1,250	.....	.....	9	5,400	.....	.....	.....	.....	499,377	619,139	5
.....	.....	9	4,931	.....	.....	4	800	.....	.....	.....	.....	.....	.....	70,480	91,200	6
.....	.....	213	71,495	.....	.....	2	120	2	400	.....	.....	.....	.....	259,585	433,853	7
.....	.....	1,724	1,018,112	.....	.....	5	422	135	67,784	.....	.....	.....	.....	5,770,146	8,240,803	8
.....	.....	280	118,285	.....	.....	1	75	39	26,216	.....	.....	1	40	911,834	1,241,306	9
.....	.....	405	189,822	1	468	1	182	174	99,147	1	312	.....	.....	2,573,299	3,487,570	10
.....	.....	17	8,424	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44,889	69,131	11
.....	.....	725	319,033	.....	.....	.....	.....	116	40,496	11	3,312	.....	.....	2,307,343	3,363,672	12
.....	.....	294	105,439	6	1,740	1	300	12	7,960	.....	.....	.....	.....	722,474	986,430	13
4	1,874	4,937	2,540,692	3	1,024	1	150	662	454,128	.....	.....	.....	.....	16,137,829	21,656,425	14
.....	.....	300	140,264	1	212	.....	.....	36	22,700	.....	.....	.....	.....	1,273,315	1,743,760	15
1	800	103	52,917	.....	.....	.....	.....	.....	.....	.....	.....	1	25	518,099	700,217	16
.....	.....	10	2,757	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,203	22,077	17
.....	.....	292	152,957	.....	.....	.....	.....	18	10,730	.....	.....	.....	.....	1,111,577	1,511,990	18
7	3,224	611	270,680	9	1,800	.....	.....	43	27,227	5	1,370	.....	.....	2,303,363	2,988,209	19
.....	.....	655	386,331	.....	.....	1	125	50	29,060	.....	.....	.....	.....	1,961,634	2,780,616	20
4	1,965	4,990	2,289,704	14	5,401	14	3,041	417	221,227	4	734	.....	.....	14,318,529	20,614,037	21

TABLE 5.—SPECIFIED INDUSTRIES, BY

201.—LEATHER, TANNED AND CURRIED—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
				Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
			Aggregate.	Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
22	North Carolina	55	$116,364	$39,804	$10,699	$19,885	$9,220	$76,560	$3,913	132	$34,401	25	$10,213
23	Ohio	113	4,380,015	1,195,883	345,887	594,960	255,036	3,184,132	193,210	1,569	827,742	121	119,050
24	Oregon	13	128,750	54,200	23,250	18,800	12,150	74,550	3,510	45	30,012	15	11,816
25	Pennsylvania	376	25,111,007	7,070,326	1,819,650	3,616,399	1,634,268	18,040,681	1,283,331	8,543	4,097,524	474	414,654
26	Rhode Island	6	378,334	113,600	30,000	38,000	45,600	264,734	13,884	90	60,918	13	16,095
27	South Carolina	4	12,093	6,718	3,106	1,110	2,502	5,375	126	13	3,233	1	117
28	Tennessee	60	732,230	292,564	71,225	143,275	78,064	439,666	31,785	658	215,032	46	28,563
29	Texas	7	92,450	49,300	11,650	28,650	9,000	43,150	1,477	37	22,776	5	2,296
30	Utah	4	50,820	26,800	9,600	7,700	9,500	24,020	1,297	24	16,446	1	416
31	Vermont	17	266,640	104,950	16,050	52,750	36,150	161,690	15,377	160	80,124	14	15,509
32	Virginia	82	945,014	238,344	42,270	139,905	56,169	706,670	48,156	459	159,026	58	37,948
33	West Virginia	50	567,072	151,140	38,710	79,000	33,430	415,932	28,465	240	103,937	30	15,450
34	Wisconsin	38	6,345,812	1,873,450	720,212	772,340	380,898	4,472,362	381,436	2,570	1,371,967	83	100,080
35	All other states (*a*)	9	61,460	28,560	8,410	14,550	5,570	32,900	2,259	28	17,625	7	5,425

a Includes establishments distributed as follows: Colorado, 1; Iowa, 2; Kansas, 2; Nebraska, 1; South Dakota, 1; Washington, 1; Wyoming, 1.

202.—LIGHTNING RODS.

1	The United States	22	436,661	118,628	35,700	40,690	42,238	318,033	20,559	210	132,195	41	52,461
2	Indiana	3	157,594	21,190	1,500	7,740	11,950	136,404	5,526	48	20,263	9	7,520
3	Minnesota	3	15,267	6,138	3,000	1,150	1,988	9,129	2,063	14	10,348	3	2,309
4	Ohio	3	17,850	9,300	4,600	3,200	1,500	8,550	1,136	18	7,760	4	2,040
5	Pennsylvania	4	171,050	49,450	16,400	17,100	15,950	121,600	6,416	85	61,504	16	27,130
6	All other states (*a*)	9	74,900	32,550	10,200	11,500	10,850	42,350	5,418	45	32,320	9	13,462

a Includes establishments distributed as follows: Alabama, 1; Iowa, 2; Louisiana, 1; Missouri, 2; New Jersey, 1; New York, 2.

203.—LIME AND CEMENT.

1	The United States	873	18,752,396	14,464,265	7,482,480	4,095,536	2,886,249	4,288,131	984,009	13,710	5,473,222	660	525,361
2	Alabama	11	226,000	168,300	81,250	42,200	44,850	57,700	15,517	356	106,040	10	8,391
3	Arkansas	5	37,140	36,640	18,075	5,440	13,125	500	2,251	47	11,520	1	390
4	California	17	862,576	765,253	529,700	140,860	94,693	97,323	25,433	288	171,258	14	15,150
5	Colorado	16	266,192	202,720	109,000	44,520	49,200	63,472	14,714	162	108,110	11	11,085
6	Connecticut	9	152,149	88,963	26,950	38,634	23,379	63,186	6,667	112	52,764	10	8,402
7	District of Columbia	3	32,063	8,325	1,000	200	7,125	23,738	3,711	24	12,046	4	3,500
8	Florida	3	31,501	12,400	4,100	6,600	1,700	19,101	1,648	42	14,885	4	2,360
9	Georgia	4	196,300	182,700	135,500	31,000	16,200	13,600	261	144	51,572	10	9,230
10	Illinois	39	1,247,191	1,099,051	693,525	271,669	133,857	148,140	34,621	928	371,503	57	43,822
11	Indiana	34	1,005,390	854,040	377,880	323,620	152,540	151,350	61,451	807	272,655	39	24,914
12	Iowa	23	217,305	172,785	48,600	83,520	40,665	44,520	11,265	314	105,355	11	6,365
13	Kansas	10	161,628	128,223	22,600	38,850	66,773	33,405	9,236	117	47,081	9	7,946
14	Kentucky	12	200,565	127,405	67,725	30,430	29,250	73,160	17,433	207	76,108	11	8,793
15	Maine	28	844,325	415,275	188,020	206,600	20,655	429,050	41,660	559	294,455	39	32,262
16	Maryland	29	537,891	444,503	314,298	75,550	54,655	93,388	15,904	354	113,371	12	9,325
17	Massachusetts	6	57,915	28,850	4,600	11,600	12,650	29,065	2,296	87	40,804	8	5,436
18	Michigan	22	296,850	172,565	81,050	51,714	39,801	124,285	13,120	170	68,973	22	14,481
19	Minnesota	21	202,740	155,538	70,225	60,930	24,383	47,202	7,764	211	76,189	18	11,750
20	Missouri	32	637,266	458,136	152,946	224,222	80,968	179,130	59,979	615	229,776	42	38,092
21	New Jersey	38	630,789	380,679	171,815	128,462	80,402	250,110	43,533	305	135,449	24	16,977
22	New Mexico	4	25,600	25,100	3,100	10,550	11,450	500	370	23	5,469	1	300
23	New York	94	4,712,864	3,386,136	1,784,661	680,000	921,475	1,326,728	366,620	2,470	1,117,600	86	87,659
24	Ohio	90	1,880,410	1,625,984	762,720	440,218	423,046	254,426	72,600	1,236	484,793	64	54,067
25	Pennsylvania	198	1,907,410	1,535,822	872,329	436,798	226,695	371,588	74,106	2,078	722,558	67	52,361
26	Rhode Island	3	25,295	13,450	7,100	4,550	1,800	11,845	1,034	33	11,219	4	2,190
27	South Carolina	4	14,188	10,908	3,733	6,000	2,175	3,280	1,280	62	13,488	.....	.....
28	Tennessee	11	116,500	100,500	38,850	46,475	15,175	16,000	2,700	148	50,055	10	5,544
29	Texas	11	190,627	134,957	69,450	29,162	36,345	55,670	8,147	184	86,059	8	5,698
30	Utah	5	22,375	13,225	5,050	3,200	4,975	9,150	1,146	24	11,392	2	707
31	Vermont	14	180,254	124,999	53,075	36,775	35,149	55,255	7,864	171	65,376	5	3,588
32	Virginia	12	185,771	138,890	42,810	70,755	25,325	46,881	6,059	262	78,276	11	6,700
33	Washington	7	581,375	573,925	339,870	180,280	53,775	7,450	15,113	207	125,727	5	2,950
34	West Virginia	5	75,575	56,375	37,500	15,500	3,375	19,200	1,612	72	14,865	2	500
35	Wisconsin	45	912,386	750,093	341,173	276,802	132,118	162,293	34,397	817	302,616	35	22,947
36	All other states (*a*)	8	77,990	71,550	22,200	42,850	6,500	6,440	3,097	74	23,815	4	1,479

a Includes establishments distributed as follows: Idaho, 2; Montana, 2; North Carolina, 2; Oregon, 1; Wyoming, 1.

STATES AND TERRITORIES: 1890—Continued.

201.—LEATHER, TANNED AND CURRIED—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecoworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	100	$22,983	.....	.....	3	$210	4	$995	.....	.....	.....	.....	$115,507	$190,887	22
1	$360	1,387	674,941	2	$575	4	748	54	32,068	.....	.....	.....	.....	5,134,248	6,701,670	23
.....	.....	30	18,196	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	110,522	164,193	24
1	600	7,236	3,228,615	8	2,466	27	4,252	791	445,053	6	$1,884	.....	.....	27,857,755	39,011,518	25
1	578	75	42,945	.....	.....	.....	.....	1	1,300	.....	.....	.....	.....	311,765	412,213	26
.....	.....	12	3,116	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,120	21,900	27
.....	.....	668	186,144	.....	.....	.....	.....	3	250	.....	.....	1	$75	755,767	1,266,556	28
.....	.....	32	26,480	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57,473	90,890	29
.....	.....	23	16,030	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38,277	78,789	30
.....	.....	146	64,615	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	416,747	592,093	31
.....	.....	382	116,178	3	650	9	1,125	7	3,125	.....	.....	.....	.....	805,487	1,224,800	32
.....	.....	208	88,127	.....	.....	.....	.....	2	360	.....	.....	.....	.....	680,298	896,120	33
.....	.....	2,091	1,002,196	26	5,230	.....	.....	370	264,471	.....	.....	.....	.....	8,732,182	11,161,856	34
.....	.....	17	9,900	.....	.....	.....	.....	4	2,300	.....	.....	.....	.....	66,968	95,662	35

202.—LIGHTNING RODS.

5	2,820	159	75,109	.....	.....	1	145	4	1,660	.....	.....	.....	.....	212,789	483,296	1
1	400	33	10,538	.....	.....	1	145	4	1,660	.....	.....	.....	.....	67,968	120,157	2
.....	.....	11	8,039	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,404	19,969	3
.....	.....	14	5,720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,200	20,400	4
.....	.....	69	34,374	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	99,280	232,160	5
4	2,420	32	16,438	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31,937	96,670	6

203.—LIME AND CEMENT.

7	3,548	12,430	4,698,620	7	2,540	89	13,238	517	229,915	.....	.....	.....	.....	5,667,863	15,741,801	1
.....	.....	322	92,101	.....	.....	14	1,548	10	4,000	.....	.....	.....	.....	58,158	214,540	2
.....	.....	43	10,830	.....	.....	3	300	.....	.....	.....	.....	.....	.....	5,335	38,975	3
.....	.....	263	147,968	3	1,440	.....	.....	8	6,706	.....	.....	.....	.....	199,770	544,288	4
.....	.....	151	97,025	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51,861	223,196	5
.....	.....	81	34,237	.....	.....	.....	.....	21	10,125	.....	.....	.....	.....	80,815	162,044	6
.....	.....	20	8,546	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,683	45,950	7
.....	.....	35	11,325	.....	.....	.....	.....	3	1,200	.....	.....	.....	.....	8,987	34,793	8
.....	.....	128	40,462	1	260	1	180	4	1,500	.....	.....	.....	.....	39,921	116,620	9
2	860	861	324,576	.....	.....	1	195	7	2,050	.....	.....	.....	.....	229,887	904,429	10
.....	.....	758	246,163	.....	.....	4	428	6	1,150	.....	.....	.....	.....	235,914	778,212	11
.....	.....	282	93,180	.....	.....	3	545	18	5,265	.....	.....	.....	.....	87,612	234,897	12
.....	.....	107	38,991	.....	.....	.....	.....	1	144	.....	.....	.....	.....	21,604	146,649	13
.....	.....	172	60,003	.....	.....	3	200	21	7,112	.....	.....	.....	.....	104,211	234,640	14
.....	.....	520	262,193	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	794,904	1,216,444	15
.....	.....	304	92,146	.....	.....	.....	.....	38	11,900	.....	.....	.....	.....	126,880	350,159	16
.....	.....	68	31,048	.....	.....	.....	.....	11	4,320	.....	.....	.....	.....	99,793	158,957	17
.....	.....	141	52,392	.....	.....	.....	.....	7	2,100	.....	.....	.....	.....	79,760	199,682	18
.....	.....	186	62,851	.....	.....	4	688	3	900	.....	.....	.....	.....	62,886	203,242	19
.....	.....	558	184,801	.....	.....	4	590	11	6,293	.....	.....	.....	.....	268,797	679,160	20
.....	.....	261	106,900	.....	.....	.....	.....	20	11,572	.....	.....	.....	.....	219,195	735,753	21
.....	.....	22	5,169	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,195	11,497	22
2	1,760	2,153	914,957	.....	.....	18	3,767	211	109,517	.....	.....	.....	.....	1,281,880	3,556,257	23
3	988	1,106	406,899	.....	.....	10	1,305	53	21,534	.....	.....	.....	.....	417,081	1,260,755	24
.....	.....	1,973	661,595	2	660	26	2,612	16	5,390	.....	.....	.....	.....	580,054	1,738,354	25
.....	.....	27	7,906	.....	.....	.....	.....	2	1,123	.....	.....	.....	.....	15,277	31,120	26
.....	.....	57	12,628	.....	.....	.....	.....	5	866	.....	.....	.....	.....	2,575	26,430	27
.....	.....	126	41,311	.....	.....	1	103	11	3,100	.....	.....	.....	.....	34,303	117,730	28
.....	.....	176	80,361	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28,063	226,910	29
.....	.....	22	10,685	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,260	22,800	30
.....	.....	155	55,788	.....	.....	.....	.....	11	6,000	.....	.....	.....	.....	108,486	261,275	31
.....	.....	238	67,276	1	300	.....	.....	12	4,000	.....	.....	.....	.....	70,842	198,121	32
.....	.....	197	121,037	.....	.....	3	780	2	60	.....	.....	.....	.....	65,878	264,587	33
.....	.....	70	14,365	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,895	38,045	34
.....	.....	777	277,669	.....	.....	.....	.....	5	2,000	.....	.....	.....	.....	216,467	706,815	35
.....	.....	70	22,336	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,680	58,475	36

TABLE 5.—SPECIFIED INDUSTRIES, BY

204.—LINEN GOODS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
				Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
			Aggregate.	Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States (a)...	3	$908,589	$288,895	$38,995	$161,400	$88,500	$619,694	$65,583	583	$180,204	9	$13,070

a Includes establishments distributed as follows: Massachusetts, 1; Wisconsin, 2.

205.—LIQUORS, DISTILLED.

1	The United States...	440	31,006,176	16,972,727	2,816,967	6,299,511	7,856,249	14,023,449	65,179,927	5,343	2,814,889	573	564,325
2	Arkansas	14	47,075	21,630	3,695	7,455	10,480	25,445	23,170	38	7,541	7	2,959
3	California	8	106,053	53,543	8,300	20,468	24,775	52,510	122,834	45	14,912	3	2,448
4	Connecticut	8	255,241	143,903	44,120	62,643	37,140	111,338	142,028	54	33,420	9	12,835
5	Georgia	37	83,625	51,355	10,080	18,500	22,775	32,270	158,397	119	31,789	15	5,313
6	Illinois	7	8,782,041	7,417,155	1,231,950	1,715,000	4,470,205	1,364,886	31,505,991	1,023	825,140	24	55,280
7	Indiana	17	1,628,825	833,585	110,185	352,475	370,925	793,240	4,721,785	195	83,813	28	22,704
8	Kentucky	126	10,966,210	4,362,298	414,814	2,395,845	1,551,639	6,603,912	7,631,619	1,992	739,381	244	193,342
9	Maryland	13	1,498,607	887,609	266,350	462,450	158,809	610,998	1,510,009	183	105,765	6	9,361
10	Massachusetts	8	608,333	158,620	32,220	42,800	83,600	449,713	924,630	55	42,598	15	18,968
11	Missouri	11	299,302	196,200	29,800	53,900	112,500	103,102	1,557,020	82	36,607	13	6,753
12	New Jersey	4	14,700	8,650	825	3,800	4,025	6,050	3,535	8	1,727	3	640
13	New York	6	195,793	113,550	2,350	59,800	51,400	82,243	261,257	56	26,546	8	4,473
14	North Carolina	55	73,560	33,167	6,002	7,400	19,765	40,393	136,746	144	35,124	24	11,735
15	Ohio	15	2,109,879	755,600	267,950	425,925	361,725	1,354,279	8,745,108	484	317,829	57	93,007
16	Pennsylvania	40	2,624,761	1,076,735	165,785	611,550	299,400	1,548,026	2,054,435	469	312,604	67	76,850
17	Tennessee	32	564,112	108,610	19,015	40,750	48,845	455,502	235,159	137	47,139	14	7,796
18	Virginia	28	99,867	27,027	1,822	12,455	12,750	72,840	47,852	63	11,027	13	3,872
19	All other states (a)	11	1,050,192	723,490	201,695	306,295	215,500	326,702	5,398,352	196	141,927	23	35,089

a Includes establishments distributed as follows: Minnesota, 2; Nebraska, 1; Texas, 2; Washington, 2; West Virginia, 2; Wisconsin, 2.

206.—LIQUORS, MALT. (See also Bottling.)

1	The United States...	1,248	232,471,200	148,239,269	33,538,926	64,412,133	50,288,210	84,232,021	48,276,290	34,800	28,382,544	4,483	7,621,448
2	Alabama	3	438,000	298,000	41,000	90,000	167,000	140,000	88,046	102	76,240	13	21,500
3	California	65	5,525,041	3,825,687	863,090	1,076,510	1,886,087	1,699,354	943,505	804	722,610	100	128,423
4	Colorado	11	1,917,050	1,126,500	289,900	336,100	500,500	790,550	252,024	269	284,687	32	68,280
5	Connecticut	16	1,470,120	974,943	160,000	391,750	423,193	495,177	349,854	248	213,613	41	53,472
6	Delaware	3	456,876	311,950	68,950	142,000	101,000	144,926	68,068	58	48,060	10	14,780
7	District of Columbia	5	836,434	629,789	116,000	257,250	256,539	206,645	173,413	120	82,422	17	24,800
8	Georgia	5	923,247	707,701	84,687	219,000	404,014	215,546	92,140	193	129,186	27	31,650
9	Idaho	5	16,030	12,450	2,400	6,250	3,800	3,580	3,294	15	4,434	6	2,080
10	Illinois	88	21,294,107	12,930,493	3,636,503	5,678,002	3,615,988	8,363,614	3,452,695	2,943	2,056,829	318	530,220
11	Indiana	37	4,589,030	2,931,418	423,590	1,423,103	1,084,725	1,657,612	1,203,239	986	702,605	118	185,064
12	Iowa	18	1,057,292	710,100	132,500	410,000	167,600	347,192	190,124	207	136,756	51	47,670
13	Kentucky	29	4,005,743	2,824,559	581,078	868,800	1,374,681	1,181,184	818,803	597	464,857	87	143,912
14	Louisiana	8	3,188,232	2,452,600	450,000	920,000	1,082,600	735,632	839,331	282	270,884	103	132,072
15	Maryland	32	5,824,669	4,333,083	819,314	2,075,521	1,438,248	1,491,586	1,186,155	823	672,377	87	141,192
16	Massachusetts	26	6,003,344	4,141,457	948,955	2,019,150	1,173,352	1,861,887	1,320,173	968	873,239	148	259,229
17	Michigan	78	3,963,163	2,744,353	666,450	935,432	1,142,471	1,218,810	737,785	839	588,109	151	168,170
18	Minnesota	66	3,625,239	2,304,714	713,700	1,030,390	560,624	1,320,525	526,786	658	412,682	110	116,727
19	Missouri	30	16,689,575	9,319,923	1,521,217	5,547,977	2,250,729	7,369,052	3,114,676	3,117	2,441,615	280	591,679
20	Montana	6	452,400	362,450	109,150	169,200	84,100	89,950	54,874	53	50,670	6	7,340
21	Nebraska	14	1,404,211	914,036	291,400	342,609	280,036	550,175	210,854	200	166,183	27	40,330
22	New Jersey	34	10,184,540	7,245,640	1,233,100	3,721,768	2,290,772	2,938,900	2,490,157	1,395	1,408,932	220	458,231
23	New York	232	67,759,552	43,054,400	10,717,991	17,552,194	14,784,215	24,705,152	16,445,206	8,285	8,035,187	1,278	2,506,206
24	Ohio	106	21,401,924	12,935,095	3,204,675	6,036,213	3,694,207	8,556,820	3,826,311	3,494	2,828,501	376	603,650
25	Oregon	13	805,135	582,746	242,743	179,886	160,117	222,389	153,826	100	89,059	29	21,819
26	Pennsylvania	163	26,196,355	18,070,244	3,817,806	7,745,734	6,506,704	8,036,111	4,866,575	3,562	2,831,943	409	695,224
27	Rhode Island	3	287,500	100,000	7,000	7,000	86,000	187,500	102,376	97	80,025	15	29,125
28	Tennessee	4	882,434	689,116	136,000	363,616	189,500	193,318	106,659	171	123,570	24	48,282
29	Texas	7	1,534,775	1,185,500	220,000	385,000	580,500	349,275	379,309	444	263,347	42	56,810
30	Utah	5	150,500	126,300	64,500	45,000	16,800	24,200	15,011	46	25,685	7	6,810
31	Washington	13	1,328,329	869,000	206,500	321,900	340,600	459,329	193,186	230	213,275	21	36,305
32	West Virginia	6	833,768	470,593	68,593	169,500	232,500	363,175	188,911	181	118,992	26	27,232
33	Wisconsin	107	16,803,323	8,671,112	1,650,834	3,791,787	3,228,491	8,132,211	3,806,846	3,165	1,864,579	287	394,501
34	All other states and territories. (a)	10	563,352	383,317	49,300	153,500	180,517	180,035	67,078	148	101,385	26	28,054

a Includes establishments distributed as follows: Nevada, 2; New Hampshire, 1; New Mexico, 2; North Dakota, 1; South Carolina, 1; South Dakota, 1; Wyoming, 2.

STATES AND TERRITORIES: 1890—Continued.

204.—LINEN GOODS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piece workers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number	Wages.	Number.	Wages.	Number-	Wages.			
.....	.....	156	$69,728	287	$65,500	34	$6,202	62	$18,711	8	$2,159	27	$4,834	$268,907	$547,273	1

205.—LIQUORS, DISTILLED.

8	$4,500	4,559	2,142,232	3	390	5	540	194	102,802	.....	.....	1	100	14,909,173	104,197,869	1
.....	.....	31	4,582	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,085	52,775	2
.....	.....	42	12,464	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53,498	229,701	3
1	500	44	20,085	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88,110	293,149	4
.....	.....	99	25,976	.....	.....	1	50	4	450	.....	.....	.....	.....	69,034	323,938	5
.....	.....	999	769,860	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,918,106	51,996,737	6
.....	.....	167	61,109	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	711,111	5,840,129	7
4	2,672	1,656	502,962	1	100	.....	.....	86	40,205	.....	.....	1	100	3,876,591	15,159,648	8
.....	.....	177	96,494	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	757,892	2,668,650	9
.....	.....	40	23,630	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	279,662	1,372,807	10
.....	.....	69	29,854	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	224,963	1,860,618	11
.....	.....	5	1,087	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,697	10,599	12
.....	.....	48	22,073	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118,750	422,824	13
.....	.....	109	22,573	.....	.....	.....	.....	11	811	.....	.....	.....	.....	53,574	255,302	14
1	600	410	216,692	.....	.....	1	250	15	7,280	.....	.....	.....	.....	2,535,016	12,033,884	15
2	728	353	197,510	1	240	.....	.....	46	37,276	.....	.....	.....	.....	1,326,202	4,339,689	16
.....	.....	117	37,438	1	50	.....	.....	5	1,855	.....	.....	.....	.....	156,969	621,693	17
.....	.....	48	6,755	.....	.....	.....	.....	2	400	.....	.....	.....	.....	19,450	93,132	18
.....	.....	145	91,173	.....	.....	3	240	25	14,525	.....	.....	.....	.....	765,463	6,622,594	19

206.—LIQUORS, MALT. (See also Bottling.)

60	47,713	29,117	20,399,030	168	40,757	508	91,609	374	165,763	82	15,000	8	1,224	64,003,347	182,731,622	1
.....	.....	83	53,180	.....	.....	6	1,560	.....	.....	.....	.....	.....	.....	140,609	344,986	2
4	2,040	693	530,259	3	962	4	932	.....	.....	.....	.....	.....	.....	1,179,897	3,628,236	3
1	2,000	232	211,907	.....	.....	.....	.....	4	2,500	.....	.....	.....	.....	555,149	1,601,168	4
4	2,900	203	157,241	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	584,390	1,455,359	5
.....	.....	48	33,280	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100,608	247,046	6
.....	.....	103	57,622	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	295,017	853,800	7
1	300	140	86,736	.....	.....	.....	.....	25	10,500	.....	.....	.....	.....	241,783	580,760	8
.....	.....	8	2,294	.....	.....	1	60	.....	.....	.....	.....	.....	.....	5,265	17,580	9
3	7,100	2,601	1,513,609	6	1,440	11	1,820	4	2,640	.....	.....	.....	.....	4,627,634	13,664,046	10
3	1,234	836	510,291	13	2,688	16	3,328	.....	.....	.....	.....	.....	.....	1,144,002	3,837,844	11
1	300	155	88,786	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	294,626	786,585	12
1	260	509	320,685	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	853,126	2,600,807	13
.....	.....	179	138,212	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	532,562	1,905,760	14
1	300	733	530,365	.....	.....	2	520	.....	.....	.....	.....	.....	.....	1,586,951	4,662,887	15
2	940	818	613,070	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,064,079	5,355,438	16
1	500	677	416,794	4	1,000	4	1,040	2	665	.....	.....	.....	.....	998,128	2,979,258	17
.....	.....	530	292,406	8	2,053	8	1,296	.....	.....	.....	.....	2	200	751,907	2,206,366	18
3	2,741	2,719	1,813,739	.....	.....	115	33,456	.....	.....	.....	.....	.....	.....	6,563,536	16,954,137	19
.....	.....	46	42,970	1	360	.....	.....	.....	.....	.....	.....	.....	.....	60,930	204,645	20
1	520	172	125,333	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	357,266	1,079,865	21
1	1,040	1,172	949,330	.....	.....	2	331	.....	.....	.....	.....	.....	.....	3,592,491	10,018,393	22
6	3,792	6,978	5,519,453	4	1,749	10	1,820	6	1,776	.....	.....	3	400	18,776,129	53,429,685	23
1	500	3,082	2,217,111	1	260	34	6,980	.....	.....	.....	.....	.....	.....	5,272,894	15,899,629	24
.....	.....	79	66,940	1	300	.....	.....	.....	.....	.....	.....	.....	.....	165,887	613,316	25
6	7,276	3,110	2,113,469	.....	.....	11	2,132	27	13,842	.....	.....	.....	.....	6,461,082	18,358,734	26
.....	.....	82	50,900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	187,500	436,846	27
.....	.....	141	73,788	.....	.....	6	1,500	.....	.....	.....	.....	.....	.....	213,393	618,970	28
1	900	321	186,908	.....	.....	80	18,720	.....	.....	.....	.....	.....	.....	495,307	1,792,087	29
.....	.....	39	18,875	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37,206	113,531	30
.....	.....	202	173,070	2	100	.....	.....	5	3,800	.....	.....	.....	.....	424,637	1,178,306	31
1	300	151	90,836	.....	.....	.....	.....	.....	.....	.....	.....	3	624	323,894	747,402	32
19	12,770	2,160	1,267,354	125	29,854	191	15,000	301	130,100	82	15,000	.....	.....	4,829,390	14,193,057	33
.....	.....	115	72,217	.....	.....	7	1,114	.....	.....	.....	.....	.....	.....	220,072	455,003	34

TABLE 5.—SPECIFIED INDUSTRIES, BY

207.—LIQUORS, VINOUS. (See also Liquors, distilled.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.	Males above 16 years. Number.	Wages.
1	The United States...	236	$5,792,783	$2,706,613	$367,010	$1,049,005	$1,290,598	$3,086,170	$270,377	1,282	$480,733	229	$178,955
2	California	128	3,729,413	1,879,835	149,795	661,550	1,068,490	1,849,578	142,512	856	290,430	120	99,092
3	Missouri	9	425,090	135,250	38,650	58,500	38,100	289,840	22,459	89	66,440	20	26,948
4	New Jersey	7	20,675	9,250	2,100	4,600	2,550	20,425	889	22	1,588	6	888
5	New York	11	264,141	116,558	16,750	67,800	32,008	147,583	23,705	44	21,590	9	6,450
6	Ohio	58	989,207	422,045	121,515	188,505	112,025	567,162	70,855	177	77,962	53	35,800
7	Wisconsin	3	17,230	9,650	4,800	3,250	1,600	7,580	162	4	821	3	721
8	All other states (a)	20	338,027	134,025	33,400	04,800	35,825	204,002	9,795	90	21,002	18	9,056

a Includes establishments distributed as follows: Connecticut, 1; Florida, 2; Illinois, 2; Indiana, 1; Iowa, 2; Michigan, 2; New Hampshire, 1; North Carolina, 2; Oregon, 1; Rhode Island, 1; South Carolina, 1; Texas, 2; Virginia, 2.

208.—LITHOGRAPHING AND ENGRAVING. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)

1	The United States...	219	15,490,127	8,715,408	451,829	1,075,873	7,187,706	6,774,719	1,155,653	10,590	7,147,174	856	1,256,812
2	California	8	389,060	201,572	.....	.....	201,572	187,488	34,661	275	193,782	23	38,934
3	Connecticut	3	94,300	56,000	.....	.....	56,000	38,300	6,824	46	36,900	5	6,500
4	District of Columbia	7	185,044	131,300	.....	.....	131,300	53,744	18,232	127	79,568	7	5,584
5	Illinois	15	537,260	308,000	.....	.....	308,000	229,260	62,756	680	411,826	42	75,535
6	Kentucky	3	86,441	59,471	.....	.....	59,471	26,970	8,303	81	41,118	6	6,000
7	Louisiana	3	87,700	53,000	5,000	5,000	43,000	34,700	13,200	70	50,268	10	17,900
8	Maryland	4	314,800	131,000	.....	.....	131,000	183,800	22,410	197	125,766	18	35,690
9	Massachusetts	13	1,182,733	520,050	51,000	88,500	380,550	662,683	127,614	946	617,145	95	127,703
10	Minnesota	3	154,250	107,000	.....	30,000	77,000	47,250	11,286	122	79,720	8	13,700
11	Missouri	10	249,627	143,918	.....	.....	143,918	105,709	20,748	265	156,116	37	51,392
12	New York	94	6,675,542	3,798,330	88,000	324,477	3,385,853	2,877,212	462,130	4,459	3,321,182	345	512,442
13	Ohio	12	2,233,993	1,216,480	170,729	296,896	748,855	1,017,513	160,469	1,062	667,586	107	180,434
14	Pennsylvania	27	1,815,606	1,113,018	132,100	255,500	725,418	702,588	80,897	886	563,092	67	66,530
15	Wisconsin	4	371,377	214,281	.....	.....	214,281	157,096	33,741	262	182,949	14	30,000
16	All other states and territories. (a)	13	1,112,394	661,988	5,000	75,500	581,488	450,406	92,382	1,112	620,156	72	87,868

a Includes establishments distributed as follows: Colorado, 2; Georgia, 1; Iowa, 1; Kansas, 1; Michigan, 2; New Jersey, 2; Rhode Island, 1; Texas, 1; Utah, 1; Virginia, 1.

209.—LOCK AND GUN SMITHING.

1	The United States...	1,308	1,867,220	1,141,290	358,460	260,015	521,015	725,930	278,516	2,560	1,502,316	1,307	841,396
2	Alabama	12	13,430	10,415	1,400	1,850	7,165	3,015	2,328	24	14,780	10	6,076
3	Arkansas	7	5,092	3,062	600	200	2,262	2,030	1,731	11	7,576	5	3,690
4	California	55	49,632	32,290	6,050	4,800	21,440	17,342	11,588	98	63,242	57	38,527
5	Colorado	4	4,025	2,250	.....	.....	2,250	1,775	1,568	9	9,052	4	5,400
6	Connecticut	15	11,458	4,900	.....	.....	4,900	6,558	2,108	24	13,516	14	7,206
7	District of Columbia	19	54,448	26,300	9,700	2,550	14,050	28,148	6,793	68	41,669	21	14,906
8	Georgia	19	12,930	6,755	400	500	5,855	6,175	3,528	35	19,806	20	12,336
9	Illinois	66	132,070	88,928	34,500	24,250	30,178	43,142	19,834	144	87,752	69	47,021
10	Indiana	47	48,752	37,350	18,375	9,750	9,225	11,402	5,478	66	31,037	45	22,686
11	Iowa	19	57,123	49,450	33,600	5,800	10,050	7,673	5,038	31	16,664	21	11,980
12	Kansas	17	17,881	14,205	2,800	5,400	6,005	3,676	1,695	24	9,088	17	7,414
13	Kentucky	50	43,168	24,645	7,300	6,850	10,495	18,523	7,367	86	47,283	45	29,013
14	Louisiana	27	31,370	22,550	5,900	6,200	10,450	8,820	3,560	43	22,609	25	17,371
15	Maine	8	10,840	8,400	375	250	7,775	2,440	1,339	11	5,816	9	4,971
16	Maryland	28	35,036	12,610	2,150	2,860	7,600	23,326	4,498	68	36,510	32	20,582
17	Massachusetts	120	89,683	45,300	3,700	3,150	38,450	44,383	22,916	212	117,683	115	70,991
18	Michigan	31	46,475	32,005	10,450	9,600	11,955	14,470	4,491	54	27,541	31	17,912
19	Minnesota	20	54,480	20,595	1,850	3,565	15,180	33,885	6,726	49	29,346	24	13,768
20	Mississippi	7	6,910	5,450	1,300	1,500	2,650	1,460	1,139	8	3,446	7	3,146
21	Missouri	79	71,486	39,930	8,070	10,320	21,540	31,556	16,644	137	76,418	78	44,933
22	Nebraska	14	11,065	9,348	2,150	3,150	4,048	1,717	1,689	22	10,762	14	7,612
23	New Hampshire	3	4,600	3,550	50	700	2,800	1,050	336	4	1,726	3	1,492
24	New Jersey	28	68,730	46,625	16,950	19,150	10,525	22,105	4,706	50	30,237	27	18,574
25	New York	291	412,726	216,507	49,200	37,600	129,707	196,219	77,367	703	450,547	312	233,502
26	North Carolina	4	1,665	1,375	700	300	375	290	200	5	1,865	3	1,040
27	Ohio	84	73,467	41,975	9,560	7,825	24,590	31,492	16,104	138	72,278	79	44,919
28	Oregon	5	5,325	2,550	100	200	2,250	2,775	1,418	8	5,110	3	2,600
29	Pennsylvania	112	298,806	184,575	63,500	63,025	58,050	114,231	24,131	239	133,726	99	59,679
30	Rhode Island	11	13,695	11,400	3,000	1,000	7,400	2,295	2,743	20	14,436	12	10,044
31	South Carolina	9	29,225	22,750	10,450	9,000	3,300	6,475	2,121	22	9,997	12	6,185

STATES AND TERRITORIES: 1890—Continued.

207.—LIQUORS, VINOUS. (See also Liquors, distilled.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
5	$2,325	962	$285,418	24	$7,382	6	$548	54	$5,905	2	$200	.....	.....	$1,318,012	$2,846,148	1
1	780	681	177,968	17	6,895	3	140	34	5,555	.....	.....	.....	.....	840,222	1,738,863	2
3	1,150	66	38,342	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	87,263	244,300	3
.....	.....	16	700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,136	21,510	4
.....	.....	33	14,940	.....	.....	.....	.....	.....	.....	2	200	.....	.....	71,651	156,740	5
1	395	116	41,284	4	75	3	408	.....	.....	.....	.....	.....	.....	240,956	550,777	6
.....	.....	1	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,266	5,720	7
.....	.....	49	12,084	3	412	.....	.....	20	350	.....	.....	.....	.....	62,518	128,238	8

208.—LITHOGRAPHING AND ENGRAVING. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)

78	35,032	7,727	5,277,573	1,461	372,757	303	54,473	124	136,757	35	12,548	6	$1,222	6,205,464	17,988,157	1
2	690	178	133,994	35	10,736	27	5,286	4	2,920	.....	.....	6	1,222	145,445	406,044	2
.....	.....	36	29,025	5	1,375	.....	.....	.....	.....	.....	.....	.....	.....	47,675	105,000	3
.....	.....	114	72,334	6	1,650	.....	.....	.....	.....	.....	.....	.....	.....	161,747	315,977	4
8	3,476	460	286,877	166	45,238	4	700	.....	.....	.....	.....	.....	.....	300,740	951,785	5
1	500	70	33,708	4	910	.....	.....	.....	.....	.....	.....	.....	.....	48,560	127,800	6
.....	.....	48	26,832	7	1,716	.....	.....	5	3,820	.....	.....	.....	.....	24,665	112,600	7
1	300	149	82,704	29	7,072	.....	.....	.....	.....	.....	.....	.....	.....	98,731	316,352	8
19	8,324	653	424,018	156	43,448	13	2,652	10	11,000	.....	.....	.....	.....	451,414	1,321,101	9
.....	.....	99	61,340	15	4,680	.....	.....	.....	.....	.....	.....	.....	.....	64,200	179,000	10
3	1,812	176	90,905	46	9,352	.....	.....	3	2,655	.....	.....	.....	.....	91,583	305,033	11
20	9,106	3,391	2,562,693	478	132,589	138	26,679	64	68,425	23	9,248	.....	.....	3,012,751	8,333,764	12
11	4,620	612	399,041	304	61,996	18	2,728	10	18,767	.....	.....	.....	.....	634,043	1,919,991	13
9	3,880	603	426,429	65	17,459	102	16,324	28	29,170	12	3,300	.....	.....	624,178	1,698,449	14
2	1,440	238	148,785	8	2,124	.....	.....	.....	.....	.....	.....	.....	.....	113,988	409,866	15
2	884	900	498,888	137	32,412	1	104	.....	.....	.....	.....	.....	.....	445,744	1,485,395	16

209.—LOCK AND GUN SMITHING.

11	5,059	1,140	625,424	1	600	45	6,862	55	22,611	1	364	.....	.....	822,557	3,153,834	1
.....	.....	12	7,104	.....	.....	.....	.....	2	1,000	.....	.....	.....	.....	5,102	28,986	2
.....	.....	5	3,730	.....	.....	1	156	.....	.....	.....	.....	.....	.....	1,999	13,310	3
.....	.....	35	23,055	.....	.....	2	464	4	1,196	.....	.....	.....	.....	21,402	107,767	4
.....	.....	5	3,652	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,985	14,850	5
.....	.....	10	6,310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,600	28,452	6
.....	.....	46	26,513	.....	.....	1	250	.....	.....	.....	.....	.....	.....	31,705	99,350	7
.....	.....	15	7,470	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,528	42,486	8
.....	.....	67	38,301	.....	.....	4	706	4	1,724	.....	.....	.....	.....	84,270	242,632	9
.....	.....	20	8,126	.....	.....	1	225	.....	.....	.....	.....	.....	.....	9,699	56,848	10
.....	.....	10	4,684	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,047	30,300	11
.....	.....	6	1,474	.....	.....	.....	.....	1	200	.....	.....	.....	.....	3,567	17,120	12
.....	.....	38	18,008	.....	.....	3	265	.....	.....	.....	.....	.....	.....	17,544	84,524	13
.....	.....	10	3,688	.....	.....	5	440	3	1,710	.....	.....	.....	.....	4,556	35,999	14
.....	.....	2	845	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,430	9,465	15
.....	.....	34	15,704	.....	.....	1	104	1	120	.....	.....	.....	.....	14,144	68,751	16
2	728	90	45,102	.....	.....	2	312	3	550	.....	.....	.....	.....	71,495	251,478	17
.....	.....	17	8,049	.....	.....	.....	.....	6	1,580	.....	.....	.....	.....	8,971	48,472	18
.....	.....	24	15,478	.....	.....	.....	.....	1	100	.....	.....	.....	.....	16,434	57,198	19
.....	.....	1	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,098	6,400	20
1	300	55	31,500	.....	.....	2	335	1	250	.....	.....	.....	.....	36,590	156,392	21
.....	.....	6	2,890	.....	.....	2	260	.....	.....	.....	.....	.....	.....	2,740	19,782	22
.....	.....	1	234	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,216	3,475	23
.....	.....	20	11,411	.....	.....	1	52	2	200	.....	.....	.....	.....	17,866	66,878	24
7	3,771	356	202,275	1	600	10	1,653	17	8,746	.....	.....	.....	.....	283,696	954,896	25
.....	.....	2	825	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	309	2,600	26
1	260	52	25,304	.....	.....	2	260	4	1,535	.....	.....	.....	.....	37,255	157,903	27
.....	.....	5	2,510	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,228	11,120	28
.....	.....	134	72,560	.....	.....	3	587	3	900	.....	.....	.....	.....	76,426	304,625	29
.....	.....	8	4,392	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,957	22,420	30
.....	.....	10	3,812	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,596	28,640	31

TABLE 5.—SPECIFIED INDUSTRIES, BY

209.—LOCK AND GUN SMITHING—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
32	Tennessee	9	$3,885	$2,480	$10	$20	$2,450	$1,405	$1,345	13	$5,798	9	$4,382
33	Texas	24	64,325	52,075	31,550	6,900	13,625	12,250	4,982	38	26,146	21	15,347
34	Utah	3	9,165	6,875	3,250	650	2,975	2,290	587	8	7,356	4	3,880
35	Vermont	5	2,553	2,070	70	375	1,625	483	483	6	2,354	5	2,004
36	Virginia	20	25,399	17,365	8,000	6,000	3,365	8,034	2,864	28	14,725	20	10,329
37	Washington	4	7,550	6,200	3,500	500	2,200	1,350	2,865	9	8,576	4	3,968
38	West Virginia	8	4,890	1,725	.....	.....	1,725	3,165	1,482	11	4,040	9	3,730
39	Wisconsin	16	26,210	20,105	7,600	4,825	7,680	6,105	1,790	22	13,120	14	7,740
40	All other states (a)	8	6,750	4,350	300	300	3,750	2,400	1,034	12	8,680	8	5,340

a Includes establishments distributed as follows: Delaware, 1; Florida, 1; Montana, 2; Nevada, 2; North Dakota, 1; Wyoming, 1.

210.—LOOKING-GLASS AND PICTURE FRAMES.

1	The United States	1,290	8,554,995	2,237,358	590,955	710,325	936,078	6,317,637	1,019,920	9,664	5,257,553	1,654	1,383,189
2	Alabama	3	2,800	400	.....	.....	400	2,400	626	6	2,096	4	1,696
3	California	32	367,800	38,235	10,000	7,100	21,135	329,565	32,583	192	133,034	46	37,724
4	Colorado	4	41,849	31,219	.....	30,000	1,219	10,630	1,742	19	17,080	8	10,470
5	Connecticut	33	88,140	8,775	.....	.....	8,775	79,365	15,516	105	57,787	40	27,026
6	District of Columbia	12	38,000	2,660	.....	.....	2,660	35,340	6,344	44	29,312	15	12,108
7	Georgia	4	6,560	525	.....	.....	525	6,035	1,805	11	4,936	2	936
8	Illinois	99	1,100,398	452,369	147,950	145,600	158,819	648,029	105,579	1,650	825,019	168	148,412
9	Indiana	21	96,410	37,340	7,000	18,000	12,340	59,070	7,468	134	62,915	25	16,359
10	Iowa	8	6,440	1,650	100	200	1,350	4,790	2,171	18	9,273	12	6,213
11	Kansas	8	12,157	1,927	500	300	1,127	10,230	1,372	14	6,634	4	2,276
12	Kentucky	19	64,585	7,470	1,500	1,600	4,370	57,115	6,368	53	32,529	14	10,440
13	Louisiana	8	11,486	536	.....	.....	536	10,950	3,410	19	7,956	8	4,082
14	Maine	26	44,019	6,227	505	335	5,387	37,792	5,779	65	36,486	22	11,790
15	Maryland	34	608,652	58,395	10,500	13,500	34,395	550,257	55,146	547	208,275	47	36,375
16	Massachusetts	153	593,642	105,069	4,600	28,000	72,469	488,573	95,159	922	534,570	174	137,056
17	Michigan	40	225,898	88,086	16,200	43,175	28,711	137,812	25,608	320	128,619	48	34,644
18	Minnesota	24	80,642	16,902	6,000	4,000	6,902	63,740	9,183	88	53,124	26	21,615
19	Missouri	54	361,794	119,424	21,525	52,450	45,449	242,370	53,486	408	221,050	78	62,848
20	Nebraska	5	7,665	915	.....	.....	915	6,750	1,771	12	9,322	5	4,780
21	New Hampshire	12	13,760	4,305	1,000	1,500	1,805	9,455	2,530	17	8,623	9	4,392
22	New Jersey	36	108,595	21,280	1,985	4,365	14,930	87,315	18,273	126	65,524	37	27,371
23	New York	321	2,186,023	497,139	120,400	142,900	233,839	1,688,884	319,769	2,532	1,609,081	463	460,349
24	North Carolina	3	8,820	1,700	500	500	700	7,120	862	8	2,984	3	1,334
25	Ohio	95	1,081,286	329,732	72,150	118,500	139,082	751,554	98,861	1,294	576,636	124	87,635
26	Oregon	4	19,750	2,750	.....	.....	2,750	17,000	4,128	23	20,140	7	7,820
27	Pennsylvania	126	1,023,802	328,029	143,990	81,800	102,239	695,773	101,167	727	416,765	143	125,231
28	Rhode Island	19	55,200	7,725	.....	.....	7,725	47,475	7,987	67	39,888	17	14,140
29	Tennessee	6	42,125	2,200	.....	.....	2,200	39,925	4,783	35	20,768	12	7,540
30	Texas	10	25,000	9,275	5,000	1,800	2,475	15,725	4,399	15	8,407	6	4,082
31	Utah	3	7,845	600	.....	.....	600	7,245	336	12	9,574	2	1,820
32	Vermont	9	21,006	3,087	.....	.....	3,087	17,919	1,710	19	10,309	10	6,388
33	Virginia	14	35,990	6,380	1,000	500	4,880	29,610	6,950	44	24,963	18	13,544
34	Washington	4	10,614	950	.....	.....	950	9,664	2,950	7	5,016	4	3,260
35	West Virginia	6	14,480	2,450	800	150	1,500	12,030	1,868	10	4,546	6	3,071
36	Wisconsin	25	108,622	30,482	14,250	8,550	7,682	78,140	8,609	79	41,364	35	21,195
37	All other states (a)	10	33,140	11,150	3,500	5,500	2,150	21,990	3,622	22	12,849	12	7,167

a Includes establishments distributed as follows: Arkansas, 2; Delaware, 2; Mississippi, 1; Montana, 2; North Dakota, 1; South Carolina, 1; South Dakota, 1.

211.—LUMBER AND OTHER MILL PRODUCTS FROM LOGS OR BOLTS. (See special report on Forest industries in Part III.)

1	The United States	21,011	496,339,968	294,325,888	156,539,097	31,273,534	106,513,257	202,014,080	20,136,273	286,197	87,784,433	19,287	10,608,273
2	Alabama	437	7,225,170	5,455,940	1,865,031	589,694	3,001,215	1,769,230	291,915	6,123	1,836,721	378	234,607
3	Alaska	10	105,727	96,703	4,250	26,350	66,103	9,024	5,252	86	22,173	8	3,548
4	Arizona	4	212,975	130,200	600	15,500	114,100	82,775	10,485	97	58,150	3	380
5	Arkansas	523	6,818,943	4,802,611	1,945,855	507,323	2,349,433	2,016,332	279,852	6,712	2,068,870	415	225,795
6	California	221	15,833,636	12,229,367	6,454,254	856,830	4,918,283	3,604,269	537,224	4,588	1,994,565	266	214,555
7	Colorado	109	838,656	487,251	113,355	33,450	340,446	351,405	45,767	904	323,413	55	32,578
8	Connecticut	157	1,010,656	632,483	252,340	117,175	262,968	378,173	38,799	754	269,788	101	55,282
9	Delaware	47	252,791	192,517	56,475	28,845	107,197	60,274	7,894	560	104,386	34	9,927
10	Florida	202	5,398,499	4,048,216	1,693,323	434,408	1,920,585	1,350,183	265,080	4,239	1,398,120	210	155,141
11	Georgia	434	4,884,568	3,888,078	1,230,001	401,248	2,256,829	996,490	202,800	5,917	1,572,284	316	150,103
12	Idaho	41	419,880	241,775	29,810	32,515	179,450	178,105	17,858	372	125,220	12	7,575
13	Illinois	357	4,056,562	1,633,620	433,956	254,007	945,657	2,422,942	352,783	4,314	1,147,784	279	119,499
14	Indiana	1,603	11,238,573	5,534,681	1,436,882	842,495	3,255,304	5,703,892	616,250	15,822	4,773,752	1,325	578,149
15	Indian territory	3	16,000	6,400	400	300	5,700	9,600	1,000	39	12,800	1	1,000
16	Iowa	137	17,487,825	7,155,341	4,656,426	684,335	1,814,580	10,332,484	633,997	7,011	2,153,582	284	239,614

STATES AND TERRITORIES: 1890—Continued.

209.—LOCK AND GUN SMITHING—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
		3	$1,234			1	$182							$2,082	$12,630	32
		14	9,954			1	145	2	$700					8,545	51,900	33
		2	1,820			1	156	1	1,500					2,935	14,550	34
		1	350											886	4,749	35
		8	4,396											4,713	22,700	36
		5	4,608											2,050	16,050	37
						2	310							1,768	10,795	38
		7	5,016							1	$364			4,523	25,441	39
		4	3,340											2,600	15,900	40

210.—LOOKING-GLASS AND PICTURE FRAMES.

82	$27,507	6,510	3,403,867	526	$135,678	367	64,349	427	219,404	59	17,713	39	$5,846	7,069,115	16,376,173	1
		2	400											2,812	6,700	2
2	1,144	125	89,044	2	672	13	2,600	4	1,850					104,680	333,806	3
		7	5,002	3	1,248			1	360					15,340	36,976	4
		44	25,765	1	96			20	4,900					88,236	182,308	5
1	312	27	16,736			1	156							46,700	100,700	6
		8	3,792			1	208							10,032	19,150	7
7	3,336	1,123	557,038	47	13,348	159	31,127	144	71,030	2	728			1,070,252	2,584,694	8
1	416	88	42,247	12	2,563	7	1,180	1	150					62,162	177,399	9
		6	3,060											15,275	28,344	10
		9	4,208	1	150									8,516	27,580	11
		30	19,673	5	1,912	3	384	1	120					42,646	100,460	12
1	150	10	3,724											10,919	33,670	13
2	454	31	17,941	9	6,072			1	220					41,930	94,242	14
8	1,937	381	146,944	83	14,670	8	1,012	14	6,265	6	1,072			513,735	943,766	15
12	3,371	628	359,009	75	16,152	6	1,097	15	11,460	12	6,434			677,082	1,518,557	16
1	100	214	82,494	40	8,552	11	1,252	4	1,478	2	99			117,167	318,032	17
1	387	51	28,186	2	600	6	1,296	2	1,040					68,977	152,166	18
4	1,364	223	122,330	8	2,210	41	7,178	48	22,220	6	2,000			353,784	776,524	19
		7	4,542											11,082	26,501	20
		7	4,127			1	104							16,600	30,915	21
		62	30,691	8	1,720	12	2,102	7	3,640					91,746	215,990	22
18	7,689	1,812	1,049,625	127	36,691	36	5,415	68	47,872	6	1,200	2	240	2,142,756	4,830,035	23
		4	1,450	1	200									6,650	13,250	24
6	1,740	953	418,617	77	22,462	25	3,622	74	37,310			35	5,250	641,126	1,768,683	25
		16	12,320											16,550	48,700	26
15	4,531	474	262,873	21	5,144	28	4,320	19	9,030	25	5,280	2	356	590,741	1,362,302	27
1	208	42	24,230	3	904	1	156	3	250					72,091	145,833	28
		23	13,228											39,260	74,625	29
		7	4,114			2	211							24,500	52,605	30
		10	7,754											8,850	20,158	31
2	368	7	3,643											15,870	36,585	32
		26	11,419											21,347	62,590	33
		3	1,756											4,203	14,000	34
		3	1,400			1	75							15,845	33,650	35
		38	18,953	1	312	4	704	1	200					80,307	161,057	36
		9	5,532			1	150							19,346	44,220	37

211.—LUMBER AND OTHER MILL PRODUCTS FROM LOGS OR BOLTS. (See special report on Forest industries in Part III.)

181	80,925	252,129	73,723,635	1,388	249,524	2,616	333,604	9,051	2,607,984	893	113,875	652	66,613	231,555,618	403,667,575	1
3	1,720	5,469	1,557,227	4	520	164	23,797	102	18,550	1	250	2	50	4,481,362	8,135,996	2
		78	18,625											30,198	58,440	3
		94	57,770											126,765	248,790	4
		5,983	1,767,667	2	400	37	4,480	260	69,768	10	160	5	600	4,783,378	8,800,017	5
2	1,350	4,208	1,741,680	29	7,176	6	1,850	77	27,954					4,356,045	8,453,964	6
		816	272,790	7	1,135			26	16,910					609,693	1,172,190	7
1	600	635	209,738					17	4,168					741,942	1,236,736	8
		336	79,609					120	12,300			70	2,550	193,096	397,057	9
5	1,650	3,591	1,213,981	24	4,400	60	6,758	346	15,990			3	200	2,733,322	5,424,307	10
1	1,300	5,374	1,388,025	29	4,000	98	7,648	94	20,758	2	250	3	200	3,263,027	6,306,095	11
		345	114,895	2	500	2	200	11	2,650					187,097	429,990	12
1	1,100	3,893	1,003,104	7	510	66	7,173	63	15,648			5	750	2,893,684	5,090,940	13
12	2,869	13,227	3,816,730	146	34,445	258	36,831	717	285,886	93	13,752	44	5,090	10,568,376	19,964,293	14
		38	11,800											23,900	41,950	15
10	6,400	6,183	1,819,797	69	12,676	224	28,241	180	38,337	20	3,075	41	5,442	7,945,831	11,829,065	16

TABLE 5.—SPECIFIED INDUSTRIES, BY

211.—LUMBER AND OTHER MILL PRODUCTS FROM LOGS OR BOLTS—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.	Males above 16 years.	
												Number.	Wages.
17	Kansas	27	$70,865	$52,915	$5,670	$5,270	$41,975	$17,950	$4,109	120	$16,179	18	$2,624
18	Kentucky	595	6,554,974	3,137,392	649,148	647,165	1,841,079	3,417,582	380,272	6,782	1,798,855	535	245,816
19	Louisiana	122	5,586,598	3,132,436	1,329,568	380,138	1,422,790	2,454,162	213,535	3,091	1,249,466	187	166,456
20	Maine	831	11,883,447	6,635,791	2,496,453	1,408,082	2,731,256	5,247,656	546,396	8,932	2,519,609	516	234,739
21	Maryland	212	1,449,795	955,981	294,608	112,635	548,738	493,814	54,246	1,678	389,747	144	55,659
22	Massachusetts	464	5,002,033	2,741,425	900,150	635,433	1,205,842	2,260,608	312,654	3,214	1,194,253	360	180,743
23	Michigan	1,918	110,990,328	63,554,685	39,744,549	5,370,265	18,439,871	47,435,643	4,258,066	46,592	14,677,436	2,406	1,727,256
24	Minnesota	317	28,321,062	14,043,881	8,123,255	1,330,271	4,590,355	14,277,181	1,296,220	10,783	3,383,765	502	419,935
25	Mississippi	338	4,433,229	3,032,684	926,538	441,355	1,724,791	1,340,545	265,833	4,434	1,287,391	309	157,707
26	Missouri	748	7,658,118	4,864,359	2,408,270	492,962	1,963,127	2,793,759	365,757	5,740	1,569,062	518	202,773
27	Montana	30	331,323	277,925	55,420	37,975	184,530	553,398	41,545	629	325,497	24	19,680
28	Nebraska	31	96,539	57,845	7,670	9,506	40,675	38,694	6,714	162	50,197	24	9,700
29	New Hampshire	531	6,222,280	3,961,714	1,594,939	822,459	1,544,316	2,266,666	221,162	4,651	1,459,929	344	140,774
30	New Jersey	116	1,546,530	901,548	523,113	133,655	244,780	644,982	48,089	674	236,583	54	33,668
31	New Mexico	26	193,335	141,577	8,642	14,585	118,350	51,758	13,812	336	161,981	14	10,256
32	New York	1,664	20,734,448	12,375,401	5,399,398	2,357,215	4,618,788	8,359,047	980,523	13,164	3,598,607	1,541	579,047
33	North Carolina	688	5,319,589	3,998,504	1,437,065	416,378	2,151,061	1,321,085	213,801	6,651	1,336,895	449	180,179
34	North Dakota	5	118,830	66,420	17,920	8,456	40,050	52,410	3,745	138	25,810	3	3,300
35	Ohio	1,427	11,735,666	6,706,010	2,227,869	1,079,507	3,398,634	5,029,656	626,994	13,056	3,722,951	1,509	617,417
36	Oklahoma	8	16,605	11,380	280	1,350	9,750	5,225	2,075	35	6,570	6	1,400
37	Oregon	300	7,542,835	5,260,569	2,531,374	564,070	2,165,125	2,282,266	334,244	3,777	1,660,671	298	195,196
38	Pennsylvania	1,853	43,522,780	26,726,419	16,902,344	2,266,940	7,557,135	16,796,361	1,326,626	18,662	5,466,123	903	548,801
39	Rhode Island	29	125,921	92,455	25,020	17,115	50,320	33,466	7,698	186	62,108	7	3,961
40	South Carolina	328	1,727,215	1,449,977	508,895	108,096	832,986	277,238	68,566	2,445	427,133	197	64,392
41	South Dakota	41	251,255	150,275	28,915	17,260	104,100	100,980	12,707	362	98,260	11	6,675
42	Tennessee	787	7,186,127	3,583,672	1,185,246	525,801	1,872,625	3,602,455	340,635	8,148	2,194,615	989	377,162
43	Texas	284	10,674,707	7,175,766	3,143,766	618,596	3,413,476	3,498,941	435,657	6,820	2,572,921	307	268,377
44	Utah	36	196,983	90,073	10,930	11,020	68,123	106,910	8,542	228	61,756	17	10,175
45	Vermont	736	7,615,495	4,643,270	1,776,135	834,627	2,032,508	2,972,225	281,835	6,381	1,699,847	626	234,180
46	Virginia	638	4,364,702	3,137,409	1,088,821	318,752	1,729,836	1,227,293	228,723	5,986	1,361,638	362	154,553
47	Washington	316	19,445,429	12,540,234	6,441,178	1,606,132	4,492,924	6,905,195	762,680	7,637	4,060,231	476	458,355
48	West Virginia	428	4,541,072	2,475,732	996,012	198,457	1,281,263	2,065,340	163,140	4,308	1,164,254	578	204,753
49	Wisconsin	853	84,419,243	49,669,529	33,569,702	3,648,549	12,451,278	34,749,714	3,056,080	32,755	10,046,413	1,355	1,060,496
50	Wyoming	17	160,049	85,352	7,402	15,000	62,950	74,697	6,702	113	42,078	11	4,275

212.—LUMBER, PLANING MILL PRODUCTS, INCLUDING SASH, DOORS, AND BLINDS. (See also Boxes, wooden packing; Wood, turned and carved.)

1	The United States	3,670	126,271,440	52,327,364	16,128,355	3,976,848	22,221,661	67,944,076	6,594,958	86,888	48,970,080	6,814	6,676,686
2	Alabama	47	798,195	464,015	173,030	94,210	196,775	334,186	27,861	714	344,614	74	61,087
3	Arkansas	38	850,092	357,661	58,529	75,014	224,118	492,431	45,209	719	348,986	79	69,324
4	California	120	3,039,308	1,442,281	236,188	243,619	962,474	1,597,027	228,869	2,350	1,778,584	219	266,131
5	Colorado	18	2,101,580	725,185	390,385	177,600	157,200	1,376,395	82,234	1,094	846,370	77	123,420
6	Connecticut	50	1,817,056	728,152	233,115	201,440	293,597	1,088,904	113,694	1,135	715,967	91	90,163
7	Delaware	7	239,977	111,800	16,800	42,000	53,000	128,177	13,444	125	74,016	16	13,704
8	District of Columbia	14	700,009	428,550	234,500	97,500	96,550	271,450	22,697	440	258,438	32	27,520
9	Florida	16	160,155	88,608	14,200	17,800	56,608	71,547	7,689	168	91,361	20	16,560
10	Georgia	82	1,077,880	879,810	213,195	193,399	473,216	798,070	126,193	2,317	998,302	157	145,012
11	Illinois	206	11,301,630	5,181,381	1,830,895	1,386,726	1,963,760	6,120,249	684,019	9,517	5,649,437	575	620,206
12	Indiana	178	3,186,467	1,437,132	376,887	405,159	655,086	1,749,335	165,950	2,381	1,196,112	255	191,113
13	Iowa	46	3,044,145	1,063,934	297,795	336,765	429,374	1,980,211	182,242	2,095	940,911	108	113,164
14	Kansas	36	627,282	363,347	95,225	88,500	179,622	263,935	31,358	449	267,159	64	51,732
15	Kentucky	60	1,849,386	739,767	224,248	207,185	308,334	1,109,619	88,060	1,566	768,241	116	121,304
16	Louisiana	27	947,837	417,140	146,550	80,400	190,190	530,697	51,198	729	443,784	84	90,630
17	Maine	67	962,946	488,660	77,860	170,950	239,916	474,280	51,508	600	332,412	83	63,475
18	Maryland	45	1,990,138	881,336	297,000	208,150	375,586	1,108,802	131,296	1,305	782,391	131	121,036
19	Massachusetts	164	4,709,515	2,217,861	632,517	763,903	821,441	2,491,654	324,138	3,816	2,471,623	281	284,596
20	Michigan	230	6,701,437	2,920,512	719,783	761,015	1,439,714	3,780,925	361,111	5,199	2,345,560	396	357,062
21	Minnesota	54	4,379,061	2,017,975	942,985	505,680	569,310	2,361,086	201,324	2,715	1,529,177	183	192,835
22	Mississippi	8	93,002	47,482	17,875	8,360	21,247	45,520	4,584	103	53,121	11	10,431
23	Missouri	78	3,280,816	1,223,072	347,831	311,681	568,560	2,052,744	202,975	2,558	1,582,409	204	206,016
24	Montana	8	286,006	122,100	47,500	39,906	34,706	163,906	9,254	150	132,444	20	22,978
25	Nebraska	24	561,076	350,077	145,200	73,050	131,827	210,999	37,060	542	394,800	43	54,337
26	New Hampshire	32	493,598	259,657	66,400	86,270	106,987	233,941	34,829	709	347,477	41	33,226
27	New Jersey	101	2,761,927	1,081,535	306,450	321,390	453,695	1,680,392	126,174	1,827	1,180,312	189	198,773
28	New York	540	24,078,662	10,300,032	3,031,304	2,839,079	4,429,649	13,778,630	1,343,493	15,221	8,952,316	1,015	1,130,264
29	North Carolina	42	488,770	246,870	52,750	49,700	144,420	241,900	26,284	625	224,225	41	20,155
30	Ohio	335	7,908,742	3,313,873	906,148	914,038	1,493,687	4,594,869	426,367	5,938	3,218,325	557	476,972
31	Oregon	40	693,022	267,694	54,530	34,750	178,414	425,328	35,782	405	281,672	59	56,312

STATES AND TERRITORIES: 1890—Continued.

211.—LUMBER AND OTHER MILL PRODUCTS FROM LOGS OR BOLTS—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
		100	$13,355			2	$200							$43,298	$85,521	17
1	$600	5,854	1,444,786	7	$1,152	105	10,354	277	$95,382			3	$765	4,370,822	7,869,082	18
1	900	2,773	1,028,709	2	832	14	2,650	79	39,006	35	$10,907			3,073,144	5,599,744	19
10	3,949	7,928	2,156,377	67	13,119	51	6,277	321	100,502	30	4,204	9	442	5,950,780	10,907,438	20
		1,369	308,166	21	4,300	41	4,372	75	15,541	10	1,000	18	709	840,257	1,595,282	21
7	2,299	2,660	938,444	5	1,500	2	100	175	70,227	3	700	2	240	2,682,932	5,109,998	22
37	17,547	41,851	12,383,137	213	35,737	350	43,512	1,542	445,451	49	6,952	144	17,744	45,605,543	73,484,306	23
3	1,470	9,945	2,875,447	11	1,112	23	3,269	293	81,932	2	100	4	500	13,670,811	21,013,010	24
1	220	4,022	1,110,260	6	834	33	4,620	43	11,950	15	1,500	5	300	2,852,530	5,670,774	25
6	2,680	4,898	1,284,748	44	9,498	25	2,842	212	58,871	31	7,200	7	450	4,212,768	7,487,844	26
		579	295,397	1	420			25	10,000					546,575	1,178,380	27
		138	40,497											63,552	154,945	28
4	1,450	3,905	1,209,228	73	17,875	29	3,564	181	79,959	39	4,804	16	2,275	2,471,838	5,017,062	29
		569	184,273	2	600	2	344	42	11,202	1	200	4	356	692,537	1,215,524	30
		312	150,765	1	160			2	400	1	400			172,321	389,761	31
6	2,015	10,646	2,830,804	75	10,611	108	14,178	542	139,039	135	12,348	111	10,565	8,716,806	16,457,811	32
1	75	6,011	1,127,382	11	988	49	5,655	120	22,141	5	375	5	100	3,007,183	5,767,687	33
		135	22,510											36,045	76,173	34
9	2,518	10,556	2,883,524	38	4,121	260	35,967	574	167,258	35	5,665	75	6,481	7,592,798	15,161,730	35
		29	5,170											13,900	27,260	36
3	870	3,429	1,454,847	18	2,698	2	200	25	6,110			2	750	2,979,202	5,904,915	37
16	6,560	16,918	4,731,222	68	9,819	139	18,847	544	139,811	30	4,517	45	6,546	15,392,468	27,772,834	38
1	400	171	56,343					7	1,404					112,766	244,490	39
		2,195	358,508					53	4,233					974,782	1,982,583	40
		338	89,345	3	440			10	1,800					180,757	375,709	41
1	600	6,764	1,732,339	18	1,816	110	12,629	251	67,991	3	340	12	1,738	5,019,282	8,941,995	42
1	250	6,315	2,269,353	8	1,538	31	4,542	158	28,861					6,322,076	11,328,257	43
		209	51,506	1	15			1	60					126,932	234,820	44
2	900	5,493	1,403,577	48	7,815	51	7,010	152	44,905	3	460	6	1,000	3,823,608	6,843,817	45
2	800	4,933	1,122,530	35	5,726	80	9,750	260	36,119	300	31,500	8	660	2,905,958	5,541,825	46
6	1,750	7,032	3,533,700	16	3,617	10	1,940	93	60,379	3	415	1	75	7,930,443	15,067,627	47
5	1,510	3,593	932,016	5	508	43	4,730	84	20,737					2,968,511	5,239,340	48
24	14,573	30,034	8,586,254	271	46,661	140	18,774	892	316,819	37	2,801	2	35	33,212,511	52,115,739	49
		95	35,678	1	250	1	300	5	1,575					52,166	124,462	50

212.—LUMBER, PLANING MILL PRODUCTS, INCLUDING SASH, DOORS, AND BLINDS. (See also Boxes, wooden packing; Wood, turned and carved.)

151	71,538	76,849	41,156,203	104	28,200	1,474	226,112	1,444	796,804	37	12,161	15	2,376	104,926,834	183,681,552	1
1	360	619	277,480			8	987	12	4,700					645,583	1,228,287	2
		630	277,260			5	402	5	2,000					1,219,151	1,761,932	3
4	2,780	2,035	1,480,562	2	600	56	14,444	34	14,067					2,355,575	4,941,466	4
2	1,380	1,013	720,258			1	312	1	1,000					2,602,621	4,318,462	5
1	620	1,031	620,160					12	5,024					1,671,087	2,886,459	6
		96	56,174			9	1,638	4	2,500					68,620	177,442	7
1	500	403	228,418					4	2,000					372,960	747,000	8
		147	74,073					1	128					119,799	270,205	9
3	2,000	2,083	842,157	1	156	59	8,547	14	430					1,907,370	3,548,972	10
13	7,082	8,515	4,852,602	25	6,574	161	20,861	227	141,540	1	572			11,712,229	20,468,903	11
4	1,625	2,073	991,626	1	234	16	1,397	32	10,117					2,722,702	4,787,974	12
4	2,312	1,762	777,564	5	1,848	187	30,021	25	15,378			4	624	2,062,125	3,588,856	13
3	1,968	380	213,251			2	208							348,157	828,494	14
1	450	1,335	627,670	1	75	24	3,832	29	14,910					1,873,328	3,073,692	15
2	3,360	642	349,354					1	500					716,967	1,405,576	16
		550	258,118			1	62	26	10,757					564,011	1,085,692	17
		977	518,046			4	535	193	142,780					2,005,755	3,332,563	18
16	7,619	3,446	2,154,306	3	1,464	12	2,118	58	21,525					4,304,891	8,112,101	19
15	5,246	4,467	1,917,197	7	1,470	237	32,100	77	32,485					6,151,535	10,007,603	20
2	1,100	2,524	1,333,642			4	900	2	700					2,506,791	4,943,451	21
		90	42,090					2	600					59,170	136,450	22
5	3,270	2,239	1,339,459	2	1,000	62	11,017	46	21,647					3,243,661	5,801,335	23
		116	94,466					14	15,000					259,371	462,721	24
2	1,316	493	338,079			4	1,068							484,663	1,112,412	25
3	1,360	601	289,882	1	300	22	3,920	33	16,014	6	2,550	2	225	511,051	986,893	26
3	2,076	1,616	970,123	7	1,870	2	450	10	7,020					2,906,817	4,869,372	27
27	11,315	13,650	7,607,209	14	2,681	225	32,590	264	160,785	23	6,845	3	627	19,695,551	33,765,173	28
		568	193,306			8	652	8	1,112					515,213	915,070	29
25	8,306	5,193	2,688,474	13	4,166	85	12,641	60	26,016	5	1,750			7,685,188	12,910,538	30
		338	222,040	1	200	3	720	4	2,400					542,115	1,070,510	31

TABLE 5.—SPECIFIED INDUSTRIES, BY

212.—LUMBER, PLANING MILL PRODUCTS, INCLUDING SASH, DOORS, AND BLINDS—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.					Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.						Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
32	Pennsylvania	467	$14,094,095	$5,741,903	$1,847,722	$1,596,935	$2,297,246	$8,352,102	$626,568	8,633	$4,862,796	738	$640,525
33	Rhode Island	24	429,502	207,800	33,100	63,100	111,600	221,702	24,728	204	134,282	28	24,505
34	South Carolina	27	350,471	171,753	44,128	36,900	90,725	178,718	16,606	410	159,711	40	27,694
35	South Dakota	5	33,037	24,100	3,300	8,650	12,150	8,937	1,317	33	24,166	4	4,160
36	Tennessee	73	2,283,737	1,161,890	533,556	207,069	421,265	1,121,847	104,017	1,636	893,061	138	133,973
37	Texas	62	1,169,445	585,466	169,620	109,703	306,143	583,979	61,848	1,036	627,767	87	86,735
38	Utah	16	652,996	182,650	54,000	40,500	88,150	470,346	16,838	302	240,436	35	49,946
39	Vermont	31	1,050,757	422,919	90,950	191,500	140,469	627,838	56,403	679	312,696	51	42,212
40	Virginia	65	1,586,906	782,123	245,280	204,882	331,961	804,843	82,904	1,272	567,071	136	122,328
41	Washington	39	899,765	401,798	105,500	83,833	212,465	497,967	48,087	898	703,732	59	57,790
42	West Virginia	50	493,113	241,163	51,575	69,945	119,643	251,950	25,623	498	214,622	54	33,426
43	Wisconsin	88	5,339,694	2,154,150	751,109	600,748	793,293	3,185,544	314,775	3,705	1,623,889	218	209,580
44	Wyoming	3	24,650	14,000	2,500	3,500	8,000	10,650	1,979	15	12,300	1	180
45	All other states and territories. (a)	7	133,510	63,150	8,300	15,350	39,500	70,360	6,339	55	43,000	4	5,100

a Includes establishments distributed as follows: Arizona, 2; Idaho, 1; Indian territory, 1; New Mexico, 2; North Dakota, 1.

213.—MALT. (See also Liquors, malt.)

1	The United States	202	24,293,864	10,787,614	3,230,357	5,827,303	1,729,954	13,506,250	1,305,246	3,604	2,103,200	365	512,725
2	California	7	635,625	428,925	222,925	152,500	53,500	206,700	20,608	72	60,397	10	13,353
3	Illinois	23	4,567,690	2,369,100	707,500	1,128,900	532,700	2,197,990	264,468	556	389,332	45	65,480
4	Iowa	6	164,019	79,327	6,212	41,790	31,325	84,692	11,614	53	22,515	7	6,175
5	Kentucky	5	413,700	202,000	29,000	142,000	31,000	211,700	23,620	74	45,128	8	9,828
6	Maryland	3	438,657	243,500	65,000	160,000	18,500	195,157	15,699	94	41,877	4	5,006
7	Michigan	7	399,144	196,256	28,600	146,262	21,394	202,888	23,114	98	56,160	14	12,839
8	Missouri	11	977,918	491,200	174,650	260,000	56,550	486,718	40,012	129	105,547	27	43,430
9	New York	82	10,470,175	4,200,015	1,292,195	2,363,505	544,315	6,270,160	585,377	1,687	825,695	138	210,002
10	Ohio	22	1,690,197	621,675	216,575	297,500	107,600	1,068,522	77,674	283	164,562	38	43,683
11	Pennsylvania	13	1,409,512	488,700	140,800	287,700	60,200	920,812	58,958	182	93,672	23	31,668
12	Wisconsin	15	2,447,823	1,124,016	219,000	699,246	205,770	1,323,807	122,988	378	238,001	38	59,261
13	All other states and territories. (a)	8	680,004	342,900	127,000	147,900	67,100	337,104	61,114	88	60,215	13	21,000

a Includes establishments distributed as follows: Connecticut, 1; Indiana, 2; Minnesota, 2; New Jersey, 1; Utah, 1; Washington, 1.

214.—MANTELS, SLATE, MARBLE, AND MARBLEIZED.

1	The United States	90	1,854,759	698,780	304,900	238,650	155,230	1,155,979	108,899	1,704	1,160,861	180	205,714
2	District of Columbia	6	79,100	23,800	10,000	5,000	8,800	55,300	5,305	55	36,138	9	8,440
3	Illinois	7	291,060	108,760	34,000	47,000	27,760	182,300	13,712	326	228,736	22	19,374
4	Maryland	4	46,575	17,375	6,800	8,000	2,575	29,200	3,005	32	20,166	4	4,108
5	Missouri	5	107,610	40,360	31,000	8,000	1,360	67,250	6,922	81	58,553	17	17,290
6	New Jersey	5	32,148	14,725	5,000	7,750	1,975	17,423	1,833	38	27,171	6	4,680
7	New York	24	631,197	314,960	158,500	125,000	31,460	316,237	27,076	445	338,772	48	81,498
8	Ohio	11	183,280	33,550	----------	2,000	31,550	149,736	21,552	200	135,842	32	30,888
9	Pennsylvania	14	219,925	55,800	10,200	16,200	29,400	164,125	16,856	262	177,065	20	19,480
10	Vermont	9	154,708	54,900	24,400	16,700	13,800	99,808	6,975	170	83,006	12	9,550
11	All other states (a)	5	109,150	34,550	25,000	3,000	6,550	74,600	5,663	95	55,412	10	10,400

a Includes establishments distributed as follows: California 1; Connecticut, 1; Massachusetts, 1; Minnesota, 1; Tennessee, 1.

215.—MARBLE AND STONE WORK. (See also Monuments and tombstones.)

1	The United States	1,321	24,041,961	10,775,391	4,889,280	1,743,427	4,142,684	13,266,570	1,772,017	23,888	17,433,505	1,916	2,110,145
2	Alabama	5	60,782	27,250	11,300	4,200	11,750	30,532	2,479	45	30,481	5	5,400
3	California	28	439,380	73,445	11,370	7,030	55,045	365,935	28,006	332	321,110	34	48,732
4	Colorado	4	98,510	15,100	2,000	800	12,300	83,410	1,863	131	150,072	10	12,304
5	Connecticut	18	140,085	44,410	24,175	6,375	13,860	95,675	10,065	151	108,333	20	17,385
6	Delaware	8	135,930	81,330	51,080	25,200	5,050	54,600	3,682	73	42,841	6	5,640
7	District of Columbia	19	485,049	246,225	185,000	21,800	39,425	238,824	15,768	301	305,631	28	36,666
8	Georgia	14	343,750	196,827	27,100	21,100	148,627	146,923	20,252	217	121,002	24	24,980
9	Illinois	73	2,728,036	1,802,898	1,124,275	270,555	408,068	925,138	173,758	1,663	1,325,748	142	160,108
10	Indiana	36	218,378	98,510	29,725	15,475	53,310	119,868	12,770	340	187,473	47	38,394
11	Iowa	25	79,887	22,775	6,750	3,725	12,300	57,112	8,379	178	93,676	24	16,623
12	Kansas	14	98,872	60,845	14,600	6,650	39,595	38,227	3,967	209	100,300	9	5,997
13	Kentucky	21	429,875	207,820	67,100	36,950	103,770	222,055	30,894	406	265,522	25	21,728
14	Louisiana	7	17,415	11,590	4,950	3,225	3,415	5,825	2,224	35	19,444	7	5,738
15	Maine	23	758,040	326,755	194,123	65,375	67,257	431,285	39,201	913	696,717	46	75,353
16	Maryland	34	1,157,856	441,959	142,750	98,837	200,372	715,697	168,445	825	510,821	64	70,956

STATES AND TERRITORIES: 1890—Continued.

212.—LUMBER, PLANING MILL PRODUCTS, INCLUDING SASH, DOORS, AND BLINDS—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 10 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
7	$3,007	7,633	$4,113,545	3	$1,264	71	$9,903	174	$93,508	1	$144	6	$900	$10,492,181	$18,398,688	32
.....	.....	176	109,777	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	233,456	430,618	33
.....	.....	363	130,192	.....	.....	5	1,125	2	700	.....	.....	.....	.....	396,242	711,838	34
.....	.....	29	20,006	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30,695	62,075	35
.....	.....	1,443	742,664	.....	.....	41	6,974	13	9,150	1	300	.....	.....	1,926,674	3,450,243	36
.....	.....	944	540,024	.....	.....	2	408	3	600	.....	.....	.....	.....	1,554,926	2,700,941	37
.....	.....	257	185,302	.....	.....	4	988	6	4,200	.....	.....	.....	.....	353,374	753,350	38
.....	.....	581	261,580	.....	.....	42	7,704	5	1,200	.....	.....	.....	.....	1,354,214	1,868,760	39
.....	.....	1,133	443,593	.....	.....	1	150	2	1,000	.....	.....	.....	.....	1,252,291	2,350,281	40
.....	.....	828	643,582	.....	.....	11	2,360	.....	.....	.....	.....	.....	.....	1,001,396	2,030,279	41
.....	.....	420	176,881	6	1,500	12	2,215	6	600	.....	.....	.....	.....	543,793	910,640	42
7	2,546	3,345	1,383,391	12	2,798	88	12,863	35	12,711	.....	.....	.....	.....	3,736,105	6,295,810	43
.....	.....	14	12,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,820	40,050	44
.....	.....	51	37,900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50,210	132,375	45

213.—MALT. (See also Liquors, malt.)

1	300	3,285	1,571,931	.....	.....	.....	.....	43	18,244	.....	.....	.....	.....	17,100,074	23,442,559	1
.....	.....	62	47,044	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	398,153	552,872	2
.....	.....	511	323,852	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,383,755	4,802,959	3
.....	.....	46	16,340	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150,778	226,477	4
.....	.....	66	35,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	371,049	508,200	5
.....	.....	90	36,871	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	287,346	395,517	6
.....	.....	84	43,330	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	468,532	632,919	7
.....	.....	102	62,117	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	499,992	725,924	8
.....	.....	1,506	597,449	.....	.....	.....	.....	43	18,244	.....	.....	.....	.....	7,212,985	9,865,738	9
.....	.....	245	120,879	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,511,638	1,926,496	10
.....	.....	159	62,004	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	609,846	829,207	11
1	300	339	187,530	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,848,126	2,472,018	12
.....	.....	75	39,215	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	357,874	504,052	13

214.—MANTELS, SLATE, MARBLE, AND MARBLEIZED.

4	2,028	1,399	863,155	4	962	4	1,294	113	87,708	.....	.....	.....	.....	1,254,667	3,127,662	1
.....	.....	46	27,698	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,684	97,200	2
2	936	262	178,426	.....	.....	.....	.....	40	30,000	.....	.....	.....	.....	246,612	582,260	3
1	624	23	12,938	.....	.....	.....	.....	4	2,496	.....	.....	.....	.....	23,381	55,469	4
.....	.....	64	41,263	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63,020	142,310	5
.....	.....	32	22,491	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,287	71,420	6
.....	.....	379	242,342	.....	.....	.....	.....	18	14,932	.....	.....	.....	.....	407,542	898,551	7
1	468	127	73,334	4	962	2	410	34	29,780	.....	.....	.....	.....	184,405	431,245	8
.....	.....	240	156,695	.....	.....	2	884	.....	.....	.....	.....	.....	.....	132,757	440,968	9
.....	.....	147	66,956	.....	.....	.....	.....	11	6,500	.....	.....	.....	.....	73,084	211,282	10
.....	.....	79	41,012	.....	.....	.....	.....	6	4,000	.....	.....	.....	.....	64,895	196,957	11

215.—MARBLE AND STONE WORK. (See also Monuments and tombstones.)

22	8,762	20,907	14,759,349	14	5,434	49	9,849	937	529,646	37	9,620	6	700	16,232,430	41,924,264	1
.....	.....	40	25,081	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	91,887	149,562	2
1	600	293	268,708	.....	.....	.....	.....	4	3,670	.....	.....	.....	.....	368,436	833,247	3
.....	.....	120	136,968	.....	.....	.....	.....	1	800	.....	.....	.....	.....	111,325	300,003	4
1	234	129	89,714	.....	.....	.....	.....	1	1,000	.....	.....	.....	.....	76,887	217,971	5
.....	.....	67	37,201	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,865	108,125	6
.....	.....	361	288,515	.....	.....	.....	.....	2	450	.....	.....	.....	.....	375,701	803,468	7
.....	.....	185	94,966	.....	.....	8	1,056	.....	.....	.....	.....	.....	.....	132,936	375,520	8
.....	.....	1,512	1,158,422	3	1,035	1	108	5	6,075	.....	.....	.....	.....	1,614,104	3,853,804	9
.....	.....	293	149,079	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	223,062	508,922	10
.....	.....	153	76,753	1	300	.....	.....	.....	.....	.....	.....	.....	.....	116,677	268,063	11
.....	.....	200	94,303	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53,815	186,821	12
.....	.....	357	233,490	.....	.....	8	2,124	16	8,180	.....	.....	.....	.....	325,902	740,430	13
.....	.....	27	13,682	.....	.....	.....	.....	1	24	.....	.....	.....	.....	19,925	52,065	14
.....	.....	718	517,864	.....	.....	.....	.....	149	103,500	.....	.....	.....	.....	75,656	927,951	15
.....	.....	759	437,815	.....	.....	.....	.....	2	2,050	.....	.....	.....	.....	596,076	1,826,291	16

TABLE 5.—SPECIFIED INDUSTRIES, BY

215.—MARBLE AND STONE WORK—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
17	Massachusetts	122	$1,808,464	$843,044	$374,250	$232,365	$236,429	$965,420	$163,698	2,217	$1,453,042	177	$167,820
18	Michigan	40	417,437	158,609	84,300	17,650	56,659	258,828	20,020	534	375,338	57	51,684
19	Minnesota	34	516,490	239,819	85,083	25,300	129,436	276,581	51,408	797	504,560	61	63,945
20	Missouri	69	776,113	338,370	208,220	45,050	85,100	437,743	58,050	833	610,486	106	107,997
21	Nebraska	12	271,655	111,000	71,090	18,100	21,909	160,655	8,824	212	182,991	17	17,995
22	New Hampshire	16	49,190	15,125	3,925	2,200	9,000	34,065	5,801	125	63,682	14	9,259
23	New Jersey	32	919,293	432,710	229,610	31,200	171,900	477,583	26,255	762	629,718	52	65,505
24	New York	222	6,347,711	2,409,240	917,665	256,415	1,235,160	3,938,471	480,160	5,859	5,296,793	376	536,466
25	Ohio	107	856,352	408,448	162,860	64,835	180,753	447,904	100,819	1,095	582,469	144	123,188
26	Oregon	6	63,650	40,575	35,000	2,400	3,175	23,075	3,866	31	31,720	8	10,000
27	Pennsylvania	174	2,334,326	965,374	422,515	209,509	333,359	1,368,952	140,503	2,546	1,730,089	206	195,701
28	Rhode Island	20	121,142	41,765	16,000	5,770	19,995	79,377	7,166	200	137,837	21	21,089
29	Tennessee	24	547,070	299,015	110,514	60,751	127,750	248,055	44,214	572	270,697	34	31,185
30	Texas	9	175,212	72,130	31,950	5,140	35,040	103,082	11,981	177	132,756	13	10,166
31	Utah	4	15,400	7,650	3,100	650	3,900	7,750	406	39	29,970	1	600
32	Vermont	46	993,236	434,818	71,200	134,400	229,218	558,418	102,907	1,437	767,495	79	90,898
33	Virginia	11	115,079	37,935	18,700	11,160	8,075	77,135	3,207	194	96,557	17	15,555
34	Washington	6	15,175	4,075	----------	2,500	1,575	11,100	2,555	27	27,050	3	3,300
35	Wisconsin	25	460,750	250,255	144,790	29,635	75,830	219,495	13,756	233	166,057	19	22,581
36	All other states (a)	15	55,470	7,895	2,300	1,100	4,495	47,575	4,062	89	65,627	20	19,207

a Includes establishments distributed as follows: Arkansas, 2; Florida, 1; Mississippi, 1; Montana, 2; Nevada, 1; North Carolina, 2; North Dakota, 1; South Carolina, 2; South Dakota, 1; West Virginia, 2.

216.—MASONRY, BRICK AND STONE. (See also Plastering and stuccowork.)

1	The United States	5,969	51,660,111	11,279,547	3,798,090	2,932,363	4,549,094	40,380,564	5,688,854	108,405	70,681,800	6,579	6,744,321
2	Alabama	31	232,124	27,295	9,400	8,125	9,770	204,829	31,029	690	396,995	42	45,176
3	Arkansas	14	22,166	6,175	2,000	1,700	2,475	15,991	2,394	162	81,628	14	13,840
4	California	41	563,483	106,745	55,750	11,450	39,545	456,738	96,518	762	727,567	48	73,441
5	Colorado	6	180,725	41,675	----------	5,000	36,675	139,050	8,234	352	363,526	8	12,244
6	Connecticut	185	1,746,408	498,050	195,650	78,475	223,925	1,248,358	113,344	3,171	2,246,490	175	195,535
7	Delaware	11	99,085	7,135	1,400	2,500	3,235	91,950	22,331	142	94,790	10	10,285
8	District of Columbia	35	188,495	46,600	23,500	4,100	19,000	141,895	16,218	661	537,180	43	54,165
9	Georgia	34	191,242	19,675	3,250	6,100	10,325	171,567	9,931	732	249,197	27	26,990
10	Illinois	295	3,023,381	700,322	206,915	214,040	279,367	2,323,059	207,166	8,208	5,214,878	379	409,122
11	Indiana	185	423,722	99,302	31,255	33,085	34,962	324,420	48,666	1,877	1,025,812	185	143,051
12	Iowa	137	485,196	65,944	13,630	11,700	40,614	419,252	30,177	1,576	822,095	157	105,508
13	Kansas	86	704,045	99,215	32,550	27,000	39,665	604,830	34,179	1,609	921,059	67	57,262
14	Kentucky	160	725,809	246,170	91,300	91,000	63,870	479,639	62,926	1,429	914,087	158	153,103
15	Louisiana	27	75,629	23,635	7,105	12,600	3,930	51,994	5,535	355	217,794	28	25,750
16	Maine	49	119,495	39,711	2,875	8,575	28,261	79,784	9,266	695	362,131	46	37,301
17	Maryland	131	3,062,557	210,384	84,676	69,765	55,943	2,852,173	191,547	4,576	3,202,997	109	163,794
18	Massachusetts	745	5,476,324	1,324,723	332,619	274,192	717,912	4,151,601	540,782	10,384	7,287,066	793	765,814
19	Michigan	165	722,059	205,080	57,325	69,950	77,805	516,979	43,465	3,031	1,729,489	212	185,174
20	Minnesota	285	2,963,622	539,197	149,625	122,825	266,747	2,424,425	243,969	7,348	3,787,226	348	351,049
21	Mississippi	16	87,596	13,936	3,325	8,400	2,211	73,660	19,326	226	121,848	11	9,767
22	Missouri	375	5,049,589	447,085	96,845	84,090	266,150	4,602,504	217,164	7,073	4,772,996	443	473,101
23	Nebraska	32	177,279	55,775	11,100	4,615	40,060	121,504	18,064	649	451,188	35	32,656
24	New Hampshire	54	393,010	113,065	72,685	13,120	27,260	279,945	35,588	537	286,634	44	29,654
25	New Jersey	233	2,045,976	416,710	135,550	98,950	182,210	1,629,266	136,595	3,898	3,104,891	263	310,056
26	New York	708	7,738,713	2,026,519	690,265	570,306	765,948	5,712,194	556,392	16,342	11,165,020	876	1,064,561
27	North Carolina	10	65,459	2,774	400	1,000	1,374	62,685	568	123	44,057	7	3,936
28	Ohio	794	3,324,702	1,110,624	379,295	384,275	347,054	2,214,078	309,033	8,254	5,094,221	836	770,197
29	Oregon	31	941,700	489,700	328,500	121,450	39,750	452,000	27,387	1,454	1,202,657	47	76,635
30	Pennsylvania	650	7,777,526	1,623,594	540,880	447,410	635,304	6,153,932	2,329,986	13,854	9,224,199	703	694,875
31	Rhode Island	58	306,240	114,870	37,400	25,200	52,270	191,370	13,151	966	638,089	51	56,273
32	South Carolina	36	194,234	65,385	41,450	18,700	5,235	128,849	8,396	286	139,481	32	20,111
33	South Dakota	3	15,160	12,160	10,025	2,010	125	3,000	382	29	16,456	2	1,397
34	Tennessee	27	230,936	38,136	500	700	36,936	192,800	123,821	600	333,240	35	34,959
35	Texas	72	965,460	93,300	25,800	16,025	51,475	872,160	90,448	1,579	1,220,901	87	120,031
36	Utah	11	21,705	7,705	2,500	2,000	3,205	14,000	1,736	138	84,560	14	10,410
37	Vermont	19	30,808	23,210	16,000	3,900	3,310	7,598	1,458	151	73,442	18	11,046
38	Virginia	51	268,945	55,195	20,750	23,150	11,295	213,750	11,023	865	419,712	54	43,787
39	Washington	12	62,550	14,000	1,500	2,100	10,400	48,550	6,262	537	559,688	10	21,100
40	West Virginia	3	5,600	1,450	----------	----------	1,450	4,150	1,691	42	23,620	3	3,000
41	Wisconsin	144	891,271	238,091	81,905	51,980	104,116	653,180	60,274	2,894	1,411,373	154	123,950
42	Wyoming	4	43,180	5,025	----------	----------	5,025	38,155	1,751	79	68,500	----------	----------
43	All other states (a)	4	16,905	4,205	500	800	2,905	12,700	690	69	43,920	5	4,215

a Includes establishments distributed as follows: Florida, 2; North Dakota, 2.

STATES AND TERRITORIES: 1890—Continued.

215.—MARBLE AND STONE WORK—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
3	$1,132	1,820	$1,149,448	.....	.....	3	$300	208	$133,642	.....	.....	6	$700	$954,926	$3,008,871	17
1	300	472	322,514	.....	.....	4	840	.....	.....	.....	.....	.....	.....	317,935	814,973	18
.....	.....	712	422,122	.....	.....	2	400	22	18,093	.....	.....	.....	.....	442,986	1,143,932	19
1	300	682	470,449	.....	.....	2	400	42	31,340	.....	.....	.....	.....	773,553	1,733,217	20
.....	.....	195	164,996	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	151,284	404,290	21
.....	.....	101	48,221	.....	.....	.....	.....	10	6,202	.....	.....	.....	.....	77,043	170,906	22
.....	.....	694	555,297	.....	.....	4	1,664	12	7,252	.....	.....	.....	.....	533,609	1,489,987	23
4	1,739	5,139	4,623,750	6	$2,866	1	250	296	122,102	37	$9,620	.....	.....	4,941,061	12,324,009	24
3	1,064	922	443,889	1	590	2	120	23	13,708	.....	.....	.....	.....	598,669	1,555,944	25
.....	.....	23	21,720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,400	69,400	26
2	828	2,309	1,519,626	2	508	1	260	26	13,166	.....	.....	.....	.....	1,797,780	4,312,387	27
.....	.....	177	116,469	.....	.....	2	288	.....	.....	.....	.....	.....	.....	56,537	228,650	28
1	285	523	235,956	.....	.....	1	39	13	2,632	.....	.....	.....	.....	292,278	757,819	29
.....	.....	163	120,790	.....	.....	.....	.....	1	1,800	.....	.....	.....	.....	122,890	348,500	30
.....	.....	38	29,370	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,247	53,681	31
5	2,280	1,253	624,972	1	225	10	2,000	89	47,120	.....	.....	.....	.....	582,202	1,656,637	32
.....	.....	165	74,862	.....	.....	.....	.....	12	6,140	.....	.....	.....	.....	72,543	200,545	33
.....	.....	24	23,750	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31,050	83,709	34
.....	.....	214	143,476	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	184,705	467,422	35
.....	.....	67	45,120	.....	.....	.....	.....	2	1,300	.....	.....	.....	.....	56,378	147,151	36

216.—MASONRY, BRICK AND STONE. (See also Plastering and stuccowork.)

24	11,113	99,934	62,729,908	12	4,398	170	64,347	1,686	1,127,713	.....	.....	.....	.....	91,791,109	190,704,818	1
.....	.....	623	344,108	.....	.....	3	250	22	7,461	.....	.....	.....	.....	771,717	1,328,858	2
.....	.....	148	67,788	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	132,149	238,588	3
1	600	713	653,526	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,269,620	2,258,814	4
.....	.....	344	351,282	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	452,203	1,050,174	5
1	600	2,995	2,050,355	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,316,762	5,154,981	6
.....	.....	132	84,505	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101,035	248,475	7
.....	.....	618	483,015	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	700,825	1,330,345	8
.....	.....	691	220,431	.....	.....	4	376	10	1,400	.....	.....	.....	.....	411,689	750,338	9
2	1,020	7,760	4,754,926	.....	.....	9	1,542	58	48,263	.....	.....	.....	.....	8,791,753	15,792,212	10
.....	.....	1,689	882,373	.....	.....	2	188	1	200	.....	.....	.....	.....	1,348,792	2,716,977	11
.....	.....	1,416	716,372	.....	.....	.....	.....	3	215	.....	.....	.....	.....	1,184,560	2,263,253	12
1	300	1,457	813,681	.....	.....	2	104	82	49,712	.....	.....	.....	.....	1,132,045	2,326,328	13
.....	.....	1,271	760,984	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,301,878	2,675,313	14
.....	.....	322	190,509	.....	.....	.....	.....	5	1,535	.....	.....	.....	.....	293,677	593,368	15
1	300	648	324,530	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	274,319	721,889	16
.....	.....	4,102	2,884,587	1	208	.....	.....	364	154,408	.....	.....	.....	.....	5,306,611	10,282,435	17
7	2,881	9,526	6,481,326	3	670	1	390	54	35,985	.....	.....	.....	.....	7,993,115	17,580,907	18
.....	.....	2,807	1,541,565	.....	.....	.....	.....	12	2,750	.....	.....	.....	.....	1,744,936	3,916,896	19
.....	.....	6,990	3,433,101	.....	.....	.....	.....	10	3,076	.....	.....	.....	.....	6,137,437	11,330,950	20
.....	.....	213	111,977	.....	.....	2	104	.....	.....	.....	.....	.....	.....	213,111	395,498	21
2	1,248	6,602	4,288,443	3	904	7	4,800	16	4,500	.....	.....	.....	.....	6,552,504	13,183,490	22
.....	.....	614	418,532	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	842,234	1,485,199	23
.....	.....	493	256,980	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	204,901	581,087	24
1	500	3,574	2,739,477	.....	.....	.....	.....	60	54,858	.....	.....	.....	.....	3,195,503	7,402,271	25
3	1,116	15,222	9,975,614	4	2,496	104	50,612	133	70,621	.....	.....	.....	.....	11,904,691	26,579,854	26
.....	.....	102	38,646	.....	.....	8	475	6	1,000	.....	.....	.....	.....	65,080	123,785	27
.....	.....	7,340	4,295,974	.....	.....	10	2,600	68	25,450	.....	.....	.....	.....	5,436,706	12,540,863	28
.....	.....	1,404	1,124,622	.....	.....	2	1,000	1	400	.....	.....	.....	.....	1,478,385	2,980,810	29
4	2,148	12,410	7,879,572	.....	.....	13	1,656	724	645,948	.....	.....	.....	.....	12,574,428	28,212,579	30
.....	.....	915	581,816	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	683,835	1,495,234	31
.....	.....	245	117,854	.....	.....	.....	.....	9	1,516	.....	.....	.....	.....	423,936	657,865	32
.....	.....	27	15,059	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,568	43,175	33
.....	.....	553	290,061	.....	.....	2	220	10	8,000	.....	.....	.....	.....	473,960	1,038,948	34
.....	.....	1,491	1,099,870	.....	.....	.....	.....	1	100	.....	.....	.....	.....	2,154,599	4,036,762	35
.....	.....	122	73,400	.....	.....	.....	.....	2	750	.....	.....	.....	.....	116,305	224,919	36
.....	.....	133	62,396	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58,978	146,137	37
.....	.....	794	374,095	.....	.....	.....	.....	17	1,839	.....	.....	.....	.....	508,774	1,094,101	38
.....	.....	527	538,588	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,193,150	1,919,700	39
.....	.....	39	20,620	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,087	43,877	40
1	400	2,729	1,285,893	1	120	1	30	8	980	.....	.....	.....	.....	1,877,395	3,682,473	41
.....	.....	69	61,750	.....	.....	.....	.....	10	6,759	.....	.....	.....	.....	85,095	168,500	42
.....	.....	64	39,705	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,661	102,490	43

TABLE 5.—SPECIFIED INDUSTRIES, BY

217.—MATCHES.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	27	$1,941,092	$1,104,935	$190,228	$364,698	$550,009	$836,157	$124,800	1,755	$544,211	50	$66,115
2	California	3	47,064	11,284	100	150	11,034	35,780	11,141	86	34,775	2	1,824
3	Maine	3	178,787	111,482	8,928	46,283	56,271	67,305	17,224	133	56,806	8	11,163
4	New Jersey	3	65,675	40,400	500	7,600	32,300	25,275	3,198	86	23,078	5	4,424
5	New York	3	46,250	32,500	4,500	9,500	18,500	13,750	3,555	76	15,579	3	1,636
6	Pennsylvania	8	182,293	89,956	11,700	15,500	62,756	92,337	23,105	250	66,142	9	8,998
7	All other states (a)	7	1,421,023	819,313	164,500	285,665	369,148	601,710	66,577	1,124	347,831	23	38,070

a Includes establishments distributed as follows: Connecticut, 1; Georgia, 1; Massachusetts, 1; Michigan, 1; Missouri, 1; Ohio, 1; Wisconsin, 1.

218.—MATS AND MATTING.

1	The United States...	24	392,630	165,062	23,400	23,100	118,562	227,577	26,651	423	212,481	40	30,607
2	New Jersey	3	53,476	23,932	50	400	23,482	29,544	5,610	81	30,360	11	10,385
3	New York	10	300,500	124,200	18,000	18,000	88,200	176,300	18,977	292	164,606	16	22,150
4	Pennsylvania	3	13,700	4,900	2,000	1,000	1,900	8,800	1,012	18	6,132	3	1,628
5	All other states (a)	8	24,963	12,030	3,350	3,700	4,980	12,033	1,052	32	11,383	10	5,444

a Includes establishments distributed as follows: Connecticut, 2; Illinois, 1; Indiana, 1; Massachusetts, 2; Missouri, 1; Ohio, 1.

219.—MATTRESSES AND SPRING BEDS. (See also Furniture; Wirework, including wire rope and cable.)

1	The United States...	696	6,662,929	2,068,458	631,626	673,591	763,241	4,594,471	680,386	7,337	3,660,297	978	877,994
2	Alabama	11	22,812	4,412	1,500	500	2,412	18,400	3,034	56	14,819	5	2,956
3	Arkansas	5	10,039	1,487	275	950	262	8,552	733	14	6,394	2	1,127
4	California	19	133,372	15,330	----------	5,000	10,330	118,042	16,884	174	110,666	17	15,057
5	Connecticut	16	170,299	37,750	1,700	4,500	31,550	132,549	17,215	205	96,145	25	27,470
6	District of Columbia	11	123,300	64,520	36,400	19,250	8,870	58,780	5,586	77	38,195	16	11,663
7	Florida	5	8,060	3,225	1,000	500	1,725	4,835	1,376	19	9,873	3	2,600
8	Georgia	18	189,900	62,160	16,950	17,400	27,810	127,740	19,359	211	76,283	23	16,924
9	Illinois	41	976,302	302,429	134,726	92,549	75,154	673,873	89,429	726	411,699	103	112,840
10	Indiana	18	59,078	30,353	10,100	13,150	7,103	28,725	3,415	110	38,610	17	10,152
11	Iowa	11	150,975	56,175	25,025	14,050	17,100	94,800	17,702	207	79,521	15	11,320
12	Kansas	9	24,035	8,190	600	3,350	4,240	15,845	3,670	46	20,051	5	3,815
13	Kentucky	30	71,727	33,352	4,700	24,700	3,952	38,375	5,800	100	49,338	34	20,353
14	Louisiana	21	55,070	22,700	7,705	11,375	3,620	32,361	4,472	105	40,798	21	12,308
15	Maine	3	3,560	1,285	260	740	285	2,275	242	3	894	2	426
16	Maryland	15	94,679	40,783	15,685	19,800	5,298	53,896	10,628	115	41,977	12	9,165
17	Massachusetts	46	488,457	125,712	23,746	51,250	50,716	362,745	52,348	679	330,350	76	64,983
18	Michigan	19	118,020	18,403	3,000	2,600	12,803	100,517	10,205	171	69,867	24	17,492
19	Minnesota	9	123,575	16,500	1,000	2,500	13,000	107,075	10,654	125	66,679	22	18,786
20	Mississippi	4	6,965	2,290	100	500	1,690	4,675	911	10	4,744	3	2,000
21	Missouri	32	439,539	194,407	85,300	54,800	54,307	245,132	45,315	478	246,718	57	59,314
22	Nebraska	4	45,242	36,700	20,700	10,500	5,500	8,542	1,543	44	10,244	8	3,920
23	New Hampshire	4	21,775	14,075	1,600	3,200	9,275	7,700	1,203	17	6,073	2	965
24	New Jersey	19	278,280	86,843	7,800	44,200	34,843	191,437	36,010	284	140,880	38	39,712
25	New York	108	1,286,967	299,108	62,190	78,104	158,814	987,859	150,282	1,353	787,310	161	189,499
26	North Carolina	7	12,656	4,470	1,400	900	2,170	8,186	2,471	42	10,444	6	4,035
27	Ohio	45	208,940	52,930	13,250	14,525	25,155	156,010	33,529	402	178,881	59	44,113
28	Oregon	3	11,975	3,700	----------	----------	3,700	8,275	952	17	11,240	4	3,350
29	Pennsylvania	57	593,439	213,950	62,400	79,700	71,850	379,489	54,489	497	261,612	75	56,210
30	Rhode Island	5	22,900	3,150	----------	----------	3,150	19,750	2,366	46	19,648	6	4,784
31	South Carolina	8	16,326	12,957	750	9,100	3,107	3,369	2,618	58	18,942	9	4,780
32	Tennessee	15	54,786	12,112	2,085	4,722	5,305	42,674	6,489	104	38,338	13	8,420
33	Texas	32	141,814	62,556	24,360	24,165	14,031	79,258	9,645	189	105,605	31	20,559
34	Vermont	4	5,735	550	----------	----------	550	5,185	1,504	10	4,558	2	756
35	Virginia	22	56,449	29,420	12,843	9,450	7,127	27,029	4,618	115	39,124	20	13,103
36	Washington	5	43,800	15,100	6,000	4,300	4,800	28,700	4,865	52	48,210	12	15,700
37	Wisconsin	16	469,156	100,305	21,376	21,861	57,068	368,851	36,977	383	159,177	40	33,886
38	All other states (a)	5	122,025	79,060	25,100	29,400	24,560	42,965	11,846	93	66,390	10	13,450

a Includes establishments distributed as follows: Colorado, 2; Delaware, 1; Nevada, 1; West Virginia, 1.

STATES AND TERRITORIES: 1890—Continued.

217.—MATCHES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piece workers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
9	$4,540	710	$292,329	246	$44,612	49	$7,174	70	$24,409	601	$103,442	20	$1,590	$935,008	$2,193,638	1
.....	.....	76	30,455	8	2,496	.....	.....	.....	.....	.....	.....	.....	.....	35,358	102,383	2
.....	.....	74	31,829	5	1,180	.....	.....	43	12,534	.....	.....	3	100	56,451	154,016	3
.....	.....	20	9,030	37	6,000	4	624	.....	.....	20	3,000	.....	.....	65,926	132.000	4
1	650	29	8,918	27	3,340	.....	.....	.....	.....	9	645	7	380	11,992	37,240	5
1	250	71	24,891	58	6,945	16	2,000	11	4,200	84	18,858	.....	.....	102,080	225,329	6
7	3,640	440	187,206	111	24,651	29	4,550	16	7,675	488	80,939	10	1,100	663,201	1,542,670	7

218.—MATS AND MATTING.

.....	.....	262	123,819	16	3,312	7	1,250	81	40,395	17	4,098	.....	.....	301,591	608,625	1
.....	.....	56	17,453	9	1,612	.....	.....	3	702	2	208	.....	.....	23,295	70,237	2
.....	.....	183	98,218	5	1,500	3	750	73	38,388	12	3,600	.....	.....	257,040	489.047	3
.....	.....	9	2,961	.....	.....	4	500	2	1,040	.....	.....	.....	.....	6,671	15,020	4
.....	.....	14	5,184	2	200	.....	.....	3	265	3	200	.....	.....	14,585	34,321	5

219.—MATTRESSES AND SPRING BEDS. (See also Furniture; Wirework, including wire rope and cable.)

41	18,350	3,746	1,836,923	770	233,585	197	30,560	1,160	520,238	379	119,956	66	22,691	8,727,380	15,683,932	1
.....	.....	23	4,259	11	1,157	3	165	9	4,240	5	2,042	.....	.....	48,245	108.614	2
.....	.....	9	4,927	.....	.....	.....	.....	3	340	.....	.....	.....	.....	8,242	16,170	3
1	624	103	62,897	11	4,936	.....	.....	37	25,152	6	2,000	.....	.....	165.802	346.250	4
2	600	135	56,999	6	2,276	.....	.....	28	7,500	9	1,300	.....	.....	187,935	336,839	5
1	150	42	18,678	6	2,700	.....	.....	9	3,912	3	1,092	.....	.....	81,587	154,346	6
1	300	11	6,637	4	336	.....	.....	.....	.....	.....	.....	.....	.....	17,048	31,820	7
.....	.....	103	40,012	31	8,324	10	1,300	37	8,370	7	1,353	.....	.....	242,081	422,824	8
6	2,490	317	182,259	52	19,829	15	2,066	168	62,739	49	18,064	16	11,421	1,315,780	2,134,597	9
.....	.....	40	16,913	9	2,020	27	3,401	5	3,000	2	624	10	2,500	59,735	120,773	10
.....	.....	117	47,632	8	2,188	21	2,631	32	11,850	14	3,900	.....	.....	257,252	426,459	11
.....	.....	27	10,763	6	1,876	1	156	6	3,320	1	120	.....	.....	32,191	71,522	12
.....	.....	39	18,119	6	1,456	1	24	17	8,756	3	630	.....	.....	81,839	159,450	13
.....	.....	63	23,440	9	2,210	.....	.....	12	2,840	.....	.....	.....	.....	64,869	144,289	14
.....	.....	1	468	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,695	8,200	15
1	208	60	22,404	8	2,090	2	312	23	6,636	8	912	1	250	124,593	236,180	16
7	3,292	316	169,095	166	48,589	4	585	86	37,048	24	6,758	.....	.....	808,752	1,449,034	17
.....	.....	99	36,234	12	2,880	2	185	26	10,676	8	2,400	.....	.....	151,820	295,814	18
.....	.....	65	33,519	10	2,470	10	2,912	11	6,292	7	2,700	.....	.....	149,780	268,631	19
.....	.....	5	2,456	1	192	1	96	.....	.....	.....	.....	.....	.....	7,453	14,607	20
.....	.....	239	103,774	24	7,048	23	3,738	129	69,876	6	2,968	.....	.....	569,410	995,134	21
.....	.....	36	6,324	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,072	18,000	22
.....	.....	10	4,108	.....	.....	.....	.....	2	375	3	625	.....	.....	12,000	23,475	23
3	1,024	110	55,211	19	6,445	2	364	71	24,250	41	13,874	.....	.....	341,820	634,908	24
8	5,208	768	441,060	177	57,204	33	5,223	150	68,420	55	20,496	1	200	1,792,651	3,168,242	25
.....	.....	18	4,859	6	970	11	550	.....	.....	1	30	.....	.....	14,552	34,490	26
3	1,220	192	83,032	67	18,527	5	668	44	24,520	17	3,681	15	3,120	359,754	705,940	27
.....	.....	10	6,690	3	1,200	.....	.....	.....	.....	.....	.....	.....	.....	18,710	40,575	28
3	1,332	234	118,793	49	14,303	3	432	93	56,313	40	14,229	.....	.....	706,049	1,293,212	29
1	260	22	10,330	13	2,874	1	250	.....	.....	3	1,150	.....	.....	30,074	57,300	30
1	144	26	9,331	4	582	.....	.....	17	3,905	1	200	.....	.....	16,011	45,882	31
1	780	54	20,150	6	1,598	.....	.....	20	5,674	10	1,716	.....	.....	135,261	236,740	32
1	250	88	47,691	14	3,383	16	4,548	33	26,882	.....	.....	6	2,292	131,627	297,041	33
.....	.....	7	3,702	.....	.....	.....	.....	1	100	.....	.....	.....	.....	13,819	21,800	34
.....	.....	77	22,634	11	2,188	1	24	2	325	4	850	.....	.....	66,764	143,595	35
.....	.....	35	27,636	5	4,874	.....	.....	.....	.....	.....	.....	.....	.....	52,000	144,400	36
1	408	179	67,955	1	350	3	432	89	36,936	53	16,242	17	2,908	540,085	867,738	37
.....	.....	66	45,932	15	6,510	2	498	.....	.....	.....	.....	.....	.....	112,022	209,050	38

TABLE 5.—SPECIFIED INDUSTRIES, BY

220.—MILLINERY AND LACE GOODS. (See also Artificial feathers and flowers.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	278	$6,630,210	$1,788,243	$100,200	$353,000	$1,335,043	$4,841,967	$742,153	11,827	$5,452,429	579	$847,117
2	California	5	53,800	13,500			13,500	40,300	5,849	60	31,234	7	6,960
3	Connecticut	7	177,850	17,550	1,600	5,000	10,950	160,300	17,253	307	107,556	10	11,300
4	District of Columbia	4	13,215	1,640			1,640	11,575	1,896	29	11,923	3	2,550
5	Illinois	7	282,100	61,600			61,600	220,500	32,182	553	230,204	27	43,674
6	Kentucky	3	38,800	1,400			1,400	37,400	2,205	56	17,611	3	2,145
7	Louisiana	5	923	133			133	790	1,647	18	5,248	1	1,200
8	Maryland	6	59,075	7,925	2,500	1,500	3,925	51,150	5,422	167	53,938	9	7,090
9	Massachusetts	22	1,311,213	563,348	16,800	226,400	320,148	747,865	72,663	2,783	1,067,811	42	64,029
10	Minnesota	4	8,875	1,750			1,750	7,125	4,040	45	19,240	5	4,000
11	Missouri	4	22,300	3,400			3,400	18,900	3,604	94	30,227	5	4,700
12	New Jersey	9	186,415	121,590	17,700	40,600	63,290	64,825	14,912	349	144,366	15	13,032
13	New York	165	3,845,161	831,296	37,400	42,500	751,396	3,013,865	513,469	6,509	3,440,338	414	647,575
14	Ohio	5	33,336	11,486	2,500	4,000	4,986	21,850	2,937	137	41,484	7	9,710
15	Pennsylvania	25	554,010	139,790	20,500	31,000	88,200	414,310	57,672	626	221,607	29	25,442
16	All other states (a)	7	43,137	11,925	1,200	2,000	8,725	31,212	6,396	94	30,542	2	3,800

a Includes establishments distributed as follows: Georgia, 2; Indiana, 1; Rhode Island, 2; Washington, 1; Wisconsin, 1.

221.—MILLINERY, CUSTOM WORK.

1	The United States...	5,999	16,309,220	3,964,230	1,598,687	1,785,618	579,925	12,344,990	2,620,266	23,976	8,945,139	1,052	818,322
2	Alabama	39	120,701	5,442	1,525	2,700	1,217	115,259	19,111	151	63,279	13	10,298
3	Arkansas	16	66,070	7,815	2,100	3,825	1,890	58,255	6,311	83	35,142	5	4,820
4	California	114	409,918	84,474	32,700	28,400	23,374	325,444	95,722	528	260,284	14	15,756
5	Colorado	35	185,055	37,610	18,200	9,700	9,710	147,445	35,052	181	97,393	8	6,960
6	Connecticut	192	388,579	61,283	20,500	18,500	22,283	327,296	63,903	749	263,608	37	23,702
7	Delaware	21	44,665	7,430	2,900	4,100	430	37,235	3,970	57	20,663	1	500
8	District of Columbia	32	232,220	8,775	1,200	800	6,775	223,445	24,530	247	105,277	11	9,540
9	Florida	8	11,815	900			900	10,915	2,851	38	11,141		
10	Georgia	43	108,345	5,500	1,000	1,000	3,500	102,845	20,530	197	80,949	11	7,290
11	Illinois	415	1,574,391	513,964	231,500	245,666	36,798	1,060,427	198,606	1,944	852,810	101	98,187
12	Indiana	271	495,683	150,440	67,725	67,125	15,590	345,243	70,444	927	270,355	20	14,233
13	Iowa	141	399,255	65,041	21,807	27,125	16,109	334,214	57,447	562	183,148	23	16,868
14	Kansas	98	238,702	41,905	17,900	20,100	4,805	196,797	35,461	324	98,728	16	9,369
15	Kentucky	139	331,362	93,848	37,190	41,350	15,308	237,514	51,622	509	151,683	25	12,658
16	Louisiana	51	239,235	133,551	60,650	70,700	2,201	105,684	22,950	266	85,792	2	1,580
17	Maine	85	160,957	16,962	5,370	6,030	5,562	143,995	27,692	258	82,425	15	9,021
18	Maryland	104	369,398	119,391	50,712	62,210	6,469	250,007	37,315	482	181,902	15	14,364
19	Massachusetts	658	1,081,568	148,314	21,715	40,550	86,049	933,254	331,861	2,276	899,557	120	86,884
20	Michigan	236	456,992	136,111	55,460	63,525	17,126	320,881	61,509	736	218,617	26	11,854
21	Minnesota	131	382,436	91,370	41,825	39,800	9,745	291,066	61,938	508	205,413	35	24,104
22	Mississippi	18	81,895	47,465	17,500	28,400	1,565	34,430	5,736	60	21,333	5	3,708
23	Missouri	217	505,925	130,428	47,520	63,950	18,958	375,497	81,795	1,079	362,039	54	41,882
24	Montana	7	45,200	16,250	5,000	9,000	2,250	28,950	5,070	23	15,952	1	624
25	Nebraska	46	122,895	5,920	2,150	1,850	1,920	116,975	27,960	161	71,933	6	6,770
26	Nevada	4	7,627	777			777	6,850	875	7	2,642		
27	New Hampshire	95	154,392	19,021	5,800	9,700	3,521	135,371	23,639	285	99,322	9	6,210
28	New Jersey	135	415,125	147,812	69,200	68,300	10,312	267,313	41,795	554	179,432	21	14,034
29	New York	930	3,187,140	649,991	271,028	277,997	100,966	2,537,149	524,388	4,414	1,837,805	236	194,998
30	North Carolina	22	33,105	1,730	500	500	730	31,375	5,277	60	15,480	1	200
31	North Dakota	8	25,355	5,805	1,600	3,900	305	19,550	2,753	31	7,427		
32	Ohio	543	1,075,941	258,560	95,540	121,040	41,980	817,381	201,751	1,981	634,775	45	31,938
33	Oregon	13	42,375	1,650			1,650	40,725	11,548	80	43,254	4	4,680
34	Pennsylvania	524	1,754,843	529,213	215,950	259,575	53,688	1,225,630	236,084	2,123	742,769	97	80,992
35	Rhode Island	98	168,970	24,914	9,750	11,000	4,164	144,056	29,950	289	106,115	17	12,379
36	South Carolina	18	42,490	13,635	4,500	7,500	1,635	28,855	7,928	61	17,994		
37	Tennessee	39	106,690	24,275	7,300	12,700	4,275	82,415	15,087	182	67,533	8	5,520
38	Texas	67	228,559	41,382	17,000	8,300	16,082	187,177	38,038	279	118,028	12	11,000
39	Utah	14	67,547	15,550	6,500	8,250	800	51,997	14,234	59	24,652	1	780
40	Vermont	65	105,491	23,476	7,070	10,550	5,856	82,015	13,786	168	59,374	2	1,112
41	Virginia	56	174,000	60,190	27,350	30,500	2,340	113,810	21,128	268	69,307	13	5,476
42	Washington	23	112,559	9,375	5,200	1,300	2,875	103,184	17,301	103	52,758	4	5,390
43	West Virginia	21	63,903	21,617	10,000	10,000	1,617	42,286	8,572	92	29,545	8	5,297
44	Wisconsin	204	485,411	183,983	81,050	87,700	15,233	301,428	56,446	588	195,289	10	7,344
45	All other states and territories. (a)	3	4,435	1,085	100	400	585	3,350	300	6	2,224		

a Includes establishments distributed as follows: Idaho, 1; New Mexico, 1; Wyoming, 1.

STATES AND TERRITORIES: 1890—Continued.

220.—MILLINERY AND LACE GOODS. (See also Artificial feathers and flowers.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
130	$79,291	1,775	$1,017,301	5,008	$1,791,134	42	$8,611	749	$435,174	3,544	$1,273,801	.....	.....	$8,588,342	$18,047,067	1
1	1,500	9	6,320	43	16,454	.....	.....	.....	.....	.....	.....	.....	.....	88,445	151,368	2
1	130	53	21,080	241	74,902	2	144	.....	.....	.....	.....	.....	.....	266,147	485,225	3
6	3,675	7	2,218	13	3,480	.....	.....	.....	.....	.....	.....	.....	.....	11,855	35,240	4
5	3,050	43	37,360	231	83,332	7	1,568	.....	.....	240	61,220	.....	.....	286,548	664,930	5
1	624	.....	.....	52	14,842	.....	.....	.....	.....	.....	.....	.....	.....	83,025	130,000	6
4	1,700	.....	.....	13	2,348	.....	.....	.....	.....	.....	.....	.....	.....	8,311	18,923	7
3	780	17	5,866	72	19,508	.....	.....	1	104	05	19,780	.....	.....	69,000	155,560	8
25	9,838	651	298,788	470	132,857	4	556	280	139,568	1,311	422,175	.....	.....	2,294,336	3,908,254	9
3	3,900	.....	.....	34	11,090	.....	.....	.....	.....	3	250	.....	.....	67,727	101,116	10
4	3,000	7	2,570	54	15,270	3	387	.....	.....	21	4,300	.....	.....	76,670	128,500	11
.....	.....	34	13,722	75	27,576	1	100	146	70,604	78	19,332	.....	.....	136,845	353,600	12
57	38,674	887	595,469	3,195	1,242,720	17	4,640	316	221,298	1,623	689,962	.....	.....	4,671,761	10,803,361	13
1	600	13	7,290	116	23,884	.....	.....	.....	.....	.....	.....	.....	.....	36,430	97,716	14
18	11,430	42	20,674	352	111,367	7	1,060	6	3,600	172	48,034	.....	.....	417,826	883,940	15
1	390	12	5,944	47	11,504	1	156	.....	.....	31	8,748	.....	.....	73,416	129,400	16

221—MILLINERY, CUSTOM WORK.

5,852	2,885,416	353	139,506	16,065	4,967,741	208	24,090	48	13,940	392	95,362	6	$762	18,756,776	36,983,082	1
36	16,512	3	1,490	99	34,970	.....	.....	.....	.....	.....	.....	.....	.....	212,605	373,050	2
8	6,011	.....	.....	70	24,311	.....	.....	.....	.....	.....	.....	.....	.....	97,791	173,725	3
152	100,628	9	2,944	340	138,642	8	1,114	4	1,800	.....	.....	.....	.....	530,305	1,125,755	4
52	33,938	3	2,580	118	53,915	.....	.....	.....	.....	.....	.....	.....	.....	193,370	372,762	5
166	77,739	15	4,387	523	157,045	5	612	.....	.....	3	123	.....	.....	587,455	1,077,882	6
15	8,972	.....	.....	41	11,191	.....	.....	.....	.....	.....	.....	.....	.....	33,327	64,829	7
35	22,384	13	3,684	188	69,669	.....	.....	.....	.....	.....	.....	.....	.....	206,479	438,922	8
14	5,468	1	60	19	5,227	.....	.....	.....	.....	4	386	.....	.....	18,084	34,480	9
35	14,751	7	2,456	141	56,252	1	100	.....	.....	2	100	.....	.....	153,522	318,318	10
480	262,596	47	25,812	1,270	459,047	21	2,598	.....	.....	25	4,570	.....	.....	1,597,772	3,177,757	11
239	105,170	3	1,714	648	147,510	12	200	.....	.....	5	1,528	.....	.....	658,591	1,178,410	12
139	64,186	16	4,394	376	96,750	6	700	.....	.....	2	250	.....	.....	499,317	899,817	13
95	38,541	1	300	197	48,843	.....	.....	.....	.....	14	1,575	1	100	234,833	444,453	14
112	51,483	6	1,118	360	85,866	3	508	.....	.....	3	50	.....	.....	364,067	714,667	15
50	28,205	.....	.....	161	42,874	2	125	9	2,808	42	10,200	.....	.....	187,727	382,553	16
67	27,758	1	600	170	44,398	3	69	.....	.....	2	579	.....	.....	217,311	387,932	17
93	50,446	3	1,040	334	107,968	2	138	2	700	33	7,246	.....	.....	329,567	695,221	18
639	314,162	20	7,329	1,468	485,378	7	815	3	640	19	4,349	.....	.....	1,848,684	3,700,393	19
203	84,257	.....	.....	489	118,782	12	1,075	.....	.....	6	2,649	.....	.....	479,120	905,463	20
103	52,169	8	6,739	361	122,351	1	50	.....	.....	.....	.....	.....	.....	466,320	920,351	21
13	4,856	.....	.....	38	12,049	2	120	.....	.....	2	600	.....	.....	40,608	79,325	22
201	94,912	35	10,772	721	202,028	24	3,088	.....	.....	42	8,845	2	512	714,789	1,390,805	23
7	5,868	.....	.....	14	8,920	.....	.....	1	600	.....	.....	.....	.....	39,700	83,000	24
43	25,183	.....	.....	98	37,350	.....	.....	2	100	12	2,530	.....	.....	154,115	301,202	25
3	1,912	.....	.....	4	730	.....	.....	.....	.....	.....	.....	.....	.....	7,886	12,855	26
76	35,087	1	160	196	56,617	.....	.....	.....	.....	3	1,248	.....	.....	244,668	435,866	27
93	44,097	7	4,354	427	116,376	4	396	.....	.....	2	175	.....	.....	374,657	753,742	28
1,017	567,369	84	31,460	2,913	998,815	38	4,756	15	4,877	108	35,380	3	150	3,502,909	7,022,978	29
23	8,802	1	52	33	6,230	.....	.....	.....	.....	2	196	.....	.....	34,049	64,120	30
9	3,128	.....	.....	22	4,209	.....	.....	.....	.....	.....	.....	.....	.....	23,455	46,575	31
586	259,361	17	6,044	1,303	332,854	18	2,643	2	333	10	1,602	.....	.....	1,322,353	2,650,693	32
19	14,315	.....	.....	51	22,259	.....	.....	.....	.....	6	2,000	.....	.....	103,775	179,410	33
461	203,057	20	10,096	1,472	434,688	21	2,776	10	2,082	42	9,078	.....	.....	1,583,280	3,296,508	34
59	28,038	4	1,500	205	63,835	2	305	.....	.....	2	58	.....	.....	233,854	430,692	35
24	8,257	.....	.....	37	9,737	.....	.....	.....	.....	.....	.....	.....	.....	28,820	78,906	36
41	19,701	3	860	128	41,325	2	127	.....	.....	.....	.....	.....	.....	150,475	282,084	37
65	36,072	4	1,652	195	68,893	3	411	.....	.....	.....	.....	.....	.....	312,734	591,846	38
17	7,796	2	650	38	15,276	1	150	.....	.....	.....	.....	.....	.....	67,865	153,580	39
57	26,293	8	1,974	101	29,995	.....	.....	.....	.....	.....	.....	.....	.....	111,781	220,759	40
73	23,780	8	2,269	189	37,303	4	434	.....	.....	1	45	.....	.....	129,288	268,081	41
17	11,090	.....	.....	82	36,278	.....	.....	.....	.....	.....	.....	.....	.....	134,821	259,600	42
30	11,569	.....	.....	54	12,679	.....	.....	.....	.....	.....	.....	.....	.....	65,295	124,752	43
182	79,133	3	1,016	387	107,016	6	780	.....	.....	.....	.....	.....	.....	452,982	864,073	44
2	1,024	.....	.....	4	1,200	.....	.....	.....	.....	.....	.....	.....	.....	6,370	10,380	45

TABLE 5.—SPECIFIED INDUSTRIES, BY

222.—MILLSTONES.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.	Males above 16 years.	
												Number.	Wages.
1	The United States (a)...	4	$49,450	$26,150	$20,500	$10,600	$5,050	$13,300	$1,628	28	$17,864	4	$5,100

a Includes establishments distributed as follows: Maryland, 2; Massachusetts, 1; New York, 1.

223.—MINERAL AND SODA WATERS. (See also Bottling.)

1	The United States...	1,377	10,781,817	8,229,883	1,818,888	1,539,273	4,871,722	2,551,934	1,286,577	7,717	4,206,868	1,749	1,400,425
2	Alabama	14	115,578	67,725	7,350	10,200	50,175	47,853	13,835	79	32,718	22	12,646
3	Arizona	3	7,450	5,300	.....	.....	5,300	2,150	896	4	4,700	3	4,300
4	Arkansas	6	33,585	27,400	3,000	3,400	21,000	6,185	3,617	26	13,980	7	6,220
5	California	53	611,484	525,291	172,435	75,150	277,706	86,193	35,043	241	164,340	65	57,937
6	Colorado	11	69,333	43,300	6,500	4,000	32,800	26,033	7,929	60	44,081	13	14,730
7	Connecticut	34	175,614	116,944	23,032	29,316	64,596	58,670	32,422	148	85,861	35	25,892
8	Delaware	5	10,915	9,840	1,650	3,100	5,090	1,075	495	16	6,969	4	3,339
9	District of Columbia	9	82,221	73,500	13,050	24,350	36,100	8,721	8,576	65	34,136	24	17,179
10	Florida	7	36,940	22,200	600	1,700	19,900	14,740	3,777	51	23,961	9	7,803
11	Georgia	14	56,135	43,552	4,834	4,000	34,718	12,583	4,480	78	25,742	16	9,578
12	Idaho	3	6,285	4,270	20	150	4,100	2,015	240	4	1,236	2	936
13	Illinois	72	781,487	598,323	79,635	101,625	417,063	183,164	149,215	522	283,014	110	92,717
14	Indiana	35	155,184	126,300	22,900	28,750	74,650	28,884	22,900	137	60,773	41	27,531
15	Iowa	33	196,600	121,030	20,580	23,775	76,675	75,570	21,905	162	76,347	39	25,730
16	Kansas	22	81,352	65,005	10,375	11,630	43,000	16,347	7,560	81	38,351	33	20,587
17	Kentucky	12	104,535	75,750	13,850	13,300	48,600	28,785	11,462	71	33,513	17	12,813
18	Louisiana	12	93,470	69,500	10,500	7,200	51,800	23,970	9,436	75	46,979	21	17,708
19	Maine	14	141,705	41,100	2,500	5,700	32,900	100,605	6,617	61	33,275	19	12,165
20	Maryland	22	146,647	103,500	18,150	27,300	58,050	43,147	6,500	125	62,929	22	18,037
21	Massachusetts	92	561,780	395,468	47,150	62,838	285,480	166,312	78,748	529	293,777	111	83,715
22	Michigan	32	215,334	154,777	26,900	28,275	99,602	60,557	21,527	152	80,176	44	35,975
23	Minnesota	32	215,759	165,015	71,600	33,150	60,265	50,744	13,034	117	54,059	43	24,187
24	Mississippi	8	58,395	45,600	500	1,100	44,000	12,795	3,153	55	23,863	11	9,434
25	Missouri	71	602,008	457,447	160,467	71,700	225,280	144,561	56,643	443	218,226	127	94,117
26	Montana	6	43,100	26,400	5,500	6,500	14,400	16,700	5,312	21	19,040	6	7,200
27	Nebraska	22	315,170	237,775	116,285	68,090	53,400	77,395	14,082	109	66,776	21	18,729
28	New Hampshire	11	41,955	30,300	4,100	4,400	21,800	11,655	2,700	34	14,632	8	4,544
29	New Jersey	60	613,478	519,480	95,850	127,100	296,530	93,998	77,129	392	231,357	78	69,190
30	New York	291	2,864,589	2,324,417	503,950	425,324	1,395,143	540,172	417,696	2,108	1,281,192	384	374,490
31	North Carolina	5	25,870	16,150	2,000	2,000	12,150	9,720	1,823	18	6,906	4	2,180
32	Ohio	67	366,787	293,275	55,050	60,125	178,100	73,512	35,913	344	150,863	74	46,050
33	Oregon	8	38,315	25,565	1,825	2,500	21,240	12,750	3,250	34	25,068	14	13,968
34	Pennsylvania	93	673,371	498,257	80,700	83,650	333,907	175,114	86,660	449	225,511	106	76,142
35	Rhode Island	24	119,469	92,090	15,125	19,000	57,965	27,379	17,078	114	55,431	24	15,615
36	South Carolina	7	27,325	24,100	1,000	5,000	18,100	3,225	2,107	31	12,103	10	5,408
37	South Dakota	4	28,610	14,900	3,800	5,500	5,600	13,710	1,575	16	9,884	3	2,704
38	Tennessee	8	79,465	46,900	550	500	45,850	32,565	8,313	92	40,284	14	9,820
39	Texas	42	194,162	152,567	29,900	26,100	96,567	41,595	24,759	135	70,385	34	27,061
40	Utah	6	115,050	93,950	46,250	25,500	22,200	21,100	3,937	66	31,599	11	8,872
41	Vermont	8	35,655	19,375	4,400	5,400	9,575	16,280	2,206	43	19,017	12	6,635
42	Virginia	19	77,903	56,450	8,600	9,250	38,600	21,453	8,373	90	35,321	26	15,440
43	Washington	10	59,620	32,720	1,600	2,650	28,470	26,900	9,623	49	35,173	15	13,499
44	West Virginia	8	51,495	27,050	5,600	4,600	16,850	24,445	5,173	28	11,786	7	5,404
45	Wisconsin	55	417,532	315,975	114,125	78,175	123,675	101,557	37,060	223	100,678	55	38,058
46	All other states and territories. (a)	7	33,100	24,050	5,100	6,200	12,750	9,050	1,798	19	11,856	5	4,140

a Includes establishments distributed as follows: Nevada, 2; New Mexico, 2; North Dakota, 2; Wyoming, 1.

224.—MIRRORS.

1	The United States...	45	1,695,772	264,997	18,110	33,300	213,587	1,430,775	169,594	1,542	1,033,235	138	190,828
2	Illinois	7	226,350	53,000	.....	.....	53,000	173,350	27,306	301	267,862	39	39,512
3	New York	28	1,231,100	130,850	.....	.....	130,850	1,100,250	129,196	978	691,205	78	133,704
4	Pennsylvania	5	56,450	28,700	6,500	9,000	13,200	27,750	4,076	58	22,432	4	3,608
5	All other states (a)	7	181,872	52,447	11,610	24,300	16,537	129,425	9,016	117	51,736	17	14,004

a Includes establishments distributed as follows: California, 1; Kentucky, 1; Louisiana, 1; Massachusetts, 2; Michigan, 1; Minnesota, 1.

STATES AND TERRITORIES: 1890—Continued.

222.—MILLSTONES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecoworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	24	$12,764	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$18,294	$47,152	1

223.—MINERAL AND SODA WATERS. (See also Bottling.)

49	$26,280	5,582	2,715,868	92	$22,325	171	$23,156	60	$17,089	8	$1,350	6	$375	4,562,803	14,353,745	1
.....	.....	52	18,674	1	1,000	3	298	.....	.....	1	100	.....	.....	29,867	110,025	2
.....	.....	1	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,558	14,164	3
.....	.....	16	6,880	2	780	1	100	.....	.....	.....	.....	.....	.....	10,115	38,692	4
2	1,120	167	104,137	1	150	6	995	.....	.....	.....	.....	.....	.....	134,264	546,047	5
.....	.....	47	29,351	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60,132	167,692	6
1	260	110	59,300	.....	.....	2	400	.....	.....	.....	.....	.....	.....	87,846	287,882	7
.....	.....	9	3,450	.....	.....	3	180	.....	.....	.....	.....	.....	.....	4,165	12,800	8
.....	.....	39	16,557	1	200	1	200	.....	.....	.....	.....	.....	.....	30,945	86,748	9
.....	.....	38	15,650	1	208	3	300	.....	.....	.....	.....	.....	.....	13,840	59,082	10
1	624	59	15,238	.....	.....	2	302	.....	.....	.....	.....	.....	.....	27,236	103,231	11
.....	.....	1	150	.....	.....	1	150	.....	.....	.....	.....	.....	.....	1,202	5,550	12
5	2,360	380	182,218	13	2,968	10	1,351	4	1,400	.....	.....	.....	.....	294,006	1,123,358	13
.....	.....	79	30,816	.....	.....	16	2,026	1	400	.....	.....	.....	.....	46,511	174,133	14
5	2,768	109	46,339	7	1,228	2	282	.....	.....	.....	.....	.....	.....	87,671	308,030	15
.....	.....	48	17,764	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29,004	106,822	16
.....	.....	53	20,482	.....	.....	1	218	.....	.....	.....	.....	.....	.....	65,793	164,051	17
.....	.....	51	28,939	.....	.....	.....	.....	3	332	.....	.....	.....	.....	52,736	176,675	18
.....	.....	42	21,110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	153,990	211,632	19
.....	.....	101	44,592	.....	.....	2	300	.....	.....	.....	.....	.....	.....	67,978	228,669	20
3	1,967	407	204,219	8	3,870	.....	.....	.....	.....	.....	.....	.....	.....	275,904	859,166	21
.....	.....	99	41,869	1	120	1	150	7	2,062	.....	.....	.....	.....	87,762	256,654	22
1	750	68	28,352	1	25	4	745	.....	.....	.....	.....	.....	.....	61,066	189,905	23
.....	.....	30	12,249	.....	.....	14	2,180	.....	.....	.....	.....	.....	.....	26,313	83,651	24
7	2,545	266	114,759	.....	.....	30	3,653	8	2,852	.....	.....	5	300	177,838	661,805	25
.....	.....	15	11,840	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,145	64,948	26
.....	.....	85	47,564	1	175	1	208	1	160	.....	.....	.....	.....	74,028	252,411	27
.....	.....	26	10,088	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,837	43,628	28
.....	.....	305	160,319	1	416	8	1,432	.....	.....	.....	.....	.....	.....	251,455	753,783	29
13	8,760	1,648	882,654	26	6,130	9	1,242	26	7,466	2	450	.....	.....	1,353,267	4,226,560	30
.....	.....	14	4,726	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,269	31,500	31
3	1,260	248	110,014	4	443	13	1,196	1	500	1	400	.....	.....	157,674	535,681	32
1	300	19	10,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,553	63,585	33
5	2,329	318	143,941	5	1,166	9	1,283	2	250	4	400	.....	.....	282,342	805,107	34
.....	.....	89	39,766	.....	.....	1	50	.....	.....	.....	.....	.....	.....	56,410	174,974	35
.....	.....	21	6,695	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,541	46,191	36
.....	.....	13	7,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,956	33,700	37
.....	.....	78	30,464	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36,552	118,700	38
.....	.....	96	42,288	1	400	3	486	1	150	.....	.....	.....	.....	78,401	259,793	39
.....	.....	45	21,462	1	390	9	875	.....	.....	.....	.....	.....	.....	35,898	95,370	40
.....	.....	30	12,182	1	200	.....	.....	.....	.....	.....	.....	.....	.....	21,988	57,709	41
.....	.....	59	18,729	.....	.....	1	52	4	1,100	.....	.....	.....	.....	40,573	110,494	42
.....	.....	31	21,104	.....	.....	3	570	.....	.....	.....	.....	.....	.....	64,030	157,197	43
.....	.....	14	5,178	.....	.....	6	1,129	.....	.....	.....	.....	1	75	13,221	54,960	44
2	937	143	58,254	15	2,150	6	802	2	477	.....	.....	.....	.....	172,326	452,148	45
.....	.....	13	7,416	1	309	.....	.....	.....	.....	.....	.....	.....	.....	10,595	38,842	46

224.—MIRRORS.

.....	.....	1,280	776,285	45	9,152	13	1,960	66	55,010	.....	.....	.....	.....	3,274,131	6,000,533	1
.....	.....	361	195,710	.....	.....	11	1,446	40	31,200	.....	.....	.....	.....	226,188	578,338	2
.....	.....	872	533,691	.....	.....	.....	.....	26	23,810	.....	.....	.....	.....	2,775,390	4,965,300	3
.....	.....	22	12,064	30	6,240	2	520	.....	.....	.....	.....	.....	.....	84,160	134,500	4
.....	.....	85	34,820	15	2,912	.....	.....	.....	.....	.....	.....	.....	.....	188,453	322,395	5

TABLE 5.—SPECIFIED INDUSTRIES, BY

225.—MODELS AND PATTERNS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	449	$1,384,721	$719,089	$119,138	$120,747	$479,204	$665,632	$150,512	2,010	$1,427,861	501	$470,119
2	California	10	26,030	14,050			14,050	11,980	4,003	36	31,125	9	7,884
3	Connecticut	10	43,160	22,250	3,000	2,550	16,700	20,910	2,639	44	37,570	10	12,250
4	District of Columbia	8	36,861	25,000	5,000	5,000	15,000	11,861	2,004	33	19,486	8	6,700
5	Illinois	38	145,418	59,015	9,400	6,565	43,050	86,403	23,376	200	148,392	45	39,474
6	Indiana	6	6,570	5,300	350	560	4,450	1,270	1,080	15	9,583	6	5,088
7	Iowa	7	11,965	8,250			8,250	3,715	1,414	13	8,708	6	4,352
8	Kentucky	10	9,771	6,730	2,000	3,000	1,730	3,041	1,803	12	9,198	7	5,525
9	Maine	7	18,100	13,675	3,000	5,000	5,675	4,425	723	13	8,750	8	6,240
10	Maryland	8	21,505	14,800	4,133	2,067	8,600	6,705	1,895	31	19,083	12	9,728
11	Massachusetts	76	140,838	70,526	440	3,660	66,426	70,312	23,265	290	217,194	83	76,637
12	Michigan	5	63,297	30,784	8,600	11,534	10,650	32,513	1,546	90	32,706	31	17,354
13	Minnesota	7	10,738	4,250	300	150	3,800	6,548	1,220	18	18,906	8	10,625
14	Missouri	14	30,949	19,225	2,000	1,000	16,225	11,724	4,615	65	42,997	19	16,670
15	New Hampshire	3	1,720	1,100			1,100	620	233	3	2,000	2	1,700
16	New Jersey	21	88,640	56,650	12,000	12,700	31,950	31,990	7,017	106	80,813	26	28,020
17	New York	92	379,819	195,541	41,810	38,126	115,605	184,278	38,643	449	346,167	97	111,857
18	Ohio	47	134,269	64,090	12,205	14,395	37,490	70,179	11,847	224	152,020	46	42,590
19	Pennsylvania	48	133,591	60,253	4,800	9,200	46,253	73,338	16,713	277	182,812	48	41,946
20	Rhode Island	8	13,125	7,700			7,700	5,425	1,871	18	14,070	7	6,710
21	Texas	3	9,125	8,200	2,000	2,500	3,700	925	346	8	2,720	2	1,120
22	Virginia	5	5,210	1,950			1,950	3,260	394	8	5,685	5	3,985
23	Wisconsin	8	26,860	18,550	8,100	2,800	7,650	8,310	1,854	35	17,824	8	5,424
24	All other states (*a*)	8	27,100	11,200			11,200	15,900	2,011	22	20,052	8	8,240

a Includes establishments distributed as follows: Colorado, 1; Georgia, 1; Kansas, 1; Louisiana, 1; Nebraska, 2; North Carolina, 1; Oregon, 1.

226.—MONUMENTS AND TOMBSTONES. (See also Marble and stone work.)

1	The United States...	2,052	13,073,232	4,261,564	1,088,177	1,189,296	1,084,091	8,811,668	970,358	12,101	7,930,016	2,297	1,891,285
2	Alabama	7	41,505	2,765	625	1,175	965	38,740	6,961	37	20,062	6	4,480
3	Arkansas	10	16,170	4,385	2,050	1,100	1,235	11,785	855	34	15,033	10	5,968
4	California	29	216,310	102,335	69,500	10,980	21,855	113,975	15,345	197	194,945	35	47,133
5	Colorado	3	63,785	36,750	30,000	3,500	3,250	27,035	560	15	16,828	2	4,000
6	Connecticut	62	405,580	183,069	71,605	31,350	80,114	222,511	23,700	325	227,437	59	53,045
7	District of Columbia	7	178,025	102,965	78,200	21,150	3,615	75,060	10,529	104	63,574	11	13,400
8	Florida	5	8,227	1,897	600	250	1,047	6,330	1,641	28	18,276	8	6,750
9	Georgia	11	26,660	1,660			1,660	25,000	3,778	60	33,276	9	7,086
10	Illinois	115	815,810	271,455	139,825	76,200	55,430	544,355	81,772	633	418,282	146	130,766
11	Indiana	108	354,243	98,667	45,450	36,520	16,697	255,576	26,519	400	220,910	118	74,214
12	Iowa	70	340,320	108,241	22,165	26,295	49,781	232,079	35,321	253	148,791	82	58,690
13	Kansas	40	149,885	41,925	15,825	12,750	13,350	107,960	11,561	141	82,268	38	26,320
14	Kentucky	48	262,445	76,575	31,000	25,040	20,535	185,870	17,019	269	157,870	60	47,202
15	Louisiana	14	53,400	14,940	6,960	5,560	2,420	38,460	3,561	74	46,260	15	16,520
16	Maine	66	263,632	66,490	16,355	23,955	26,180	197,142	13,215	318	188,879	71	45,237
17	Maryland	38	148,797	46,470	20,383	11,762	14,325	102,327	8,835	178	87,534	37	26,767
18	Massachusetts	191	1,420,433	424,116	147,500	120,769	155,847	996,317	164,875	2,025	1,405,184	253	213,080
19	Michigan	73	413,081	126,604	59,375	38,425	28,804	286,477	36,503	345	197,367	86	63,239
20	Minnesota	38	173,698	37,415	13,475	14,825	9,115	136,283	17,783	149	93,386	52	30,871
21	Mississippi	3	11,600	6,600	6,000	300	300	5,000	1,135	10	5,977	2	1,404
22	Missouri	88	472,993	126,174	67,710	44,050	14,384	346,819	50,112	404	229,986	92	71,025
23	Nebraska	20	94,135	27,216	18,675	5,040	2,901	66,919	17,424	71	48,322	28	21,554
24	New Hampshire	34	176,750	84,860	43,150	21,835	19,875	91,890	11,365	205	126,038	36	25,371
25	New Jersey	55	324,608	169,773	93,150	55,975	20,648	154,835	9,651	257	175,871	41	36,190
26	New York	254	2,812,524	804,363	356,819	257,275	190,269	2,008,161	124,348	1,650	1,252,036	291	291,063
27	North Carolina	12	32,740	9,335	4,100	2,450	2,785	23,405	1,178	57	27,448	10	7,036
28	North Dakota	3	9,200	1,400	450	500	450	7,800	1,876	9	4,200	3	1,700
29	Ohio	161	860,714	306,529	155,155	91,810	59,564	554,185	58,578	687	427,204	180	137,986
30	Oregon	5	10,555	1,955	500	800	655	8,600	1,627	11	7,700	4	3,500
31	Pennsylvania	209	1,265,334	507,575	279,010	143,060	85,505	757,759	50,488	945	600,132	197	154,086
32	Rhode Island	20	72,497	15,825	5,600	3,400	6,825	56,672	5,328	94	71,327	17	18,100
33	South Carolina	9	65,825	18,377	12,200	2,525	3,652	47,448	3,744	59	39,879	9	6,906
34	South Dakota	3	6,949	2,400	675	1,400	325	4,549	1,005	16	9,248	7	3,700
35	Tennessee	25	67,090	12,585	5,825	3,275	3,485	54,505	8,240	127	64,594	28	17,988
36	Texas	27	145,015	43,365	32,325	7,285	3,755	101,650	22,497	104	68,912	32	23,493
37	Utah	4	6,155	1,160	450	200	510	4,995	752	15	8,888	4	3,088
38	Vermont	96	650,513	201,461	63,160	46,275	92,026	449,052	59,552	1,205	793,927	109	95,487
39	Virginia	25	95,569	35,905	24,460	6,900	4,545	59,664	3,026	84	43,229	28	18,205
40	Washington	7	30,800	4,350	2,000	1,200	1,150	26,450	3,548	23	23,712	5	6,600
41	West Virginia	8	31,010	9,485	4,300	3,800	1,385	21,525	1,755	39	17,493	9	5,280
42	Wisconsin	56	470,975	119,547	29,670	27,280	62,597	351,428	53,246	438	243,551	65	54,975
43	All other states (*a*)	3	7,675	2,600	1,900	425	275	5,075	150	6	3,180	2	1,780

a Includes establishments distributed as follows: Delaware, 2; Nevada, 1.

STATES AND TERRITORIES: 1890—Continued.

225.—MODELS AND PATTERNS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
6	$2,693	1,408	$920,665	36	$11,733	26	$3,731	32	$18,712	1	$208	.....	.....	$440,576	$2,523,395	1
.....	.....	26	23,085	.....	.....	1	156	.....	.....	.....	.....	.....	.....	5,803	50,506	2
.....	.....	34	25,320	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,897	63,766	3
.....	.....	19	8,232	.....	.....	.....	.....	6	4,554	.....	.....	.....	.....	8,509	35,289	4
.....	.....	141	105,694	3	919	9	849	2	1,456	.....	.....	.....	.....	53,024	286,244	5
.....	.....	9	4,495	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,484	15,280	6
.....	.....	7	4,356	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,545	17,880	7
1	657	4	3,016	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,153	18,550	8
.....	.....	5	2,510	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,539	13,450	9
.....	.....	17	8,847	.....	.....	.....	.....	1	300	1	208	.....	.....	8,110	37,730	10
2	650	191	132,181	2	800	1	150	11	6,776	.....	.....	.....	.....	46,007	360,490	11
.....	.....	59	15,352	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,005	54,175	12
.....	.....	10	8,281	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,720	26,735	13
.....	.....	44	25,962	.....	.....	2	365	.....	.....	.....	.....	.....	.....	8,597	56,434	14
.....	.....	1	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	820	3,650	15
1	286	79	52,507	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31,679	145,590	16
1	500	320	222,902	26	8,670	3	574	2	1,664	.....	.....	.....	.....	113,136	636,028	17
.....	.....	170	106,264	1	416	1	250	6	2,500	.....	.....	.....	.....	51,734	258,176	18
.....	.....	214	137,501	3	616	9	1,387	3	1,362	.....	.....	.....	.....	54,348	317,872	19
.....	.....	11	7,360	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,072	22,768	20
.....	.....	5	1,500	.....	.....	.....	.....	1	100	.....	.....	.....	.....	427	4,980	21
.....	.....	3	1,700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,297	9,274	22
1	600	25	11,488	1	312	.....	.....	.....	.....	.....	.....	.....	.....	9,275	36,638	23
.....	.....	14	11,812	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,395	51,890	24

226.—MONUMENTS AND TOMBSTONES. (See also Marble and stone work.)

26	10,706	8,903	5,472,699	9	2,702	28	5,189	836	547,300	1	60	1	$75	7,636,474	20,671,498	1
.....	.....	28	13,710	.....	.....	.....	.....	3	1,872	.....	.....	.....	.....	22,634	66,100	2
.....	.....	24	9,065	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,620	40,601	3
1	360	158	145,808	.....	.....	2	644	1	1,000	.....	.....	.....	.....	148,536	445,750	4
.....	.....	13	12,828	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,940	54,500	5
1	200	258	170,474	.....	.....	.....	.....	7	3,658	.....	.....	.....	.....	184,988	531,990	6
.....	.....	93	50,174	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45,914	155,500	7
.....	.....	20	11,526	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,269	46,383	8
.....	.....	51	26,190	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40,015	99,800	9
2	1,040	450	270,879	.....	.....	5	862	28	14,600	1	60	1	75	610,626	1,424,372	10
1	600	276	144,934	1	312	1	150	3	700	.....	.....	.....	.....	353,233	780,250	11
.....	.....	167	89,564	1	300	.....	.....	3	237	.....	.....	.....	.....	208,159	552,986	12
2	400	100	55,448	.....	.....	.....	.....	1	100	.....	.....	.....	.....	78,075	233,049	13
1	520	200	107,648	.....	.....	.....	.....	8	2,500	.....	.....	.....	.....	202,701	476,039	14
.....	.....	48	25,100	.....	.....	.....	.....	11	4,640	.....	.....	.....	.....	71,297	141,404	15
1	750	226	133,424	2	300	1	68	17	8,100	.....	.....	.....	.....	119,113	393,753	16
.....	.....	140	60,765	.....	.....	.....	.....	1	102	.....	.....	.....	.....	84,458	236,249	17
6	2,360	1,141	742,183	.....	.....	1	150	624	447,411	.....	.....	.....	.....	600,608	2,609,176	18
1	156	252	130,322	1	250	.....	.....	5	3,400	.....	.....	.....	.....	257,807	605,575	19
.....	.....	95	53,290	.....	.....	.....	.....	2	225	.....	.....	.....	.....	127,056	297,976	20
.....	.....	8	4,573	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,250	17,201	21
1	400	304	156,680	.....	.....	2	381	5	1,500	.....	.....	.....	.....	303,987	732,901	22
.....	.....	42	26,718	.....	.....	.....	.....	1	50	.....	.....	.....	.....	64,782	183,630	23
.....	.....	159	96,269	.....	.....	.....	.....	10	4,398	.....	.....	.....	.....	71,658	235,353	24
1	624	210	136,303	.....	.....	2	514	3	2,240	.....	.....	.....	.....	239,905	548,590	25
4	2,068	1,305	930,344	.....	.....	2	486	48	28,975	.....	.....	.....	.....	1,288,369	3,300,951	26
.....	.....	43	20,036	.....	.....	3	276	1	100	.....	.....	.....	.....	33,130	78,414	27
.....	.....	4	2,300	.....	.....	.....	.....	2	200	.....	.....	.....	.....	5,045	14,400	28
2	500	471	274,071	.....	.....	4	680	30	13,967	.....	.....	.....	.....	727,859	1,493,638	29
.....	.....	7	4,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,858	22,600	30
.....	.....	732	440,079	2	1,100	3	562	11	4,305	.....	.....	.....	.....	664,611	1,619,830	31
.....	.....	77	53,227	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47,728	143,940	32
.....	.....	45	31,573	1	200	.....	.....	4	1,200	.....	.....	.....	.....	27,693	106,289	33
.....	.....	9	5,548	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,200	23,948	34
.....	.....	98	46,286	.....	.....	.....	.....	1	320	.....	.....	.....	.....	78,559	197,185	35
.....	.....	71	45,179	1	240	.....	.....	.....	.....	.....	.....	.....	.....	87,362	256,849	36
.....	.....	11	5,800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,396	15,378	37
1	200	1,095	698,240	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	343,680	1,492,384	38
.....	.....	51	23,924	.....	.....	.....	.....	5	1,100	.....	.....	.....	.....	46,053	118,994	39
.....	.....	18	17,112	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,565	60,200	40
.....	.....	30	12,213	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,993	53,605	41
1	468	370	187,692	.....	.....	2	416	.....	.....	.....	.....	.....	.....	318,054	752,905	42
.....	.....	3	1,000	.....	.....	.....	.....	1	400	.....	.....	.....	.....	5,067	10,800	43

TABLE 5.—SPECIFIED INDUSTRIES, BY

227.—MUCILAGE AND PASTE.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	55	$748,826	$286,624	$48,150	$96,100	$142,374	$462,202	$67,581	404	$199,411	89	$77,103
2	Illinois	4	25,050	20,925	10,000	5,000	5,925	4,125	1,918	14	7,936	4	3,340
3	Massachusetts	14	555,129	203,837	27,200	85,000	91,637	351,292	47,793	205	86,666	36	27,263
4	Missouri	3	5,018	2,100	.....	.....	2,100	2,918	1,095	16	5,924	5	3,000
5	New Jersey	4	11,860	5,350	800	800	3,750	6,510	856	10	5,207	3	1,928
6	New York	9	57,923	25,817	1,000	1,500	23,317	32,106	5,830	62	47,917	16	23,597
7	Ohio	6	11,385	6,200	2,650	1,100	2,450	5,185	2,970	34	11,924	6	2,970
8	Pennsylvania	7	73,046	18,200	6,000	2,000	10,200	54,846	5,531	45	25,252	10	10,140
9	All other states (a)	8	9,415	4,195	500	700	2,995	5,220	1,588	18	8,585	9	4,865

a Includes establishments distributed as follows: Connecticut, 2; Indiana, 1; Kentucky, 2; Maryland, 1; Michigan, 1; Minnesota, 1.

228.—MUSICAL INSTRUMENTS AND MATERIALS, NOT SPECIFIED.

1	The United States...	293	1,329,329	650,507	156,775	191,375	302,357	678,822	178,488	1,382	862,177	314	252,013
2	California	12	7,925	3,550	.....	.....	3,550	4,375	2,728	16	10,203	12	8,279
3	Connecticut	3	1,084	120	.....	.....	120	964	221	3	2,000	3	2,000
4	Georgia	5	6,300	3,100	500	600	2,000	3,200	1,390	18	9,902	7	5,500
5	Illinois	14	175,895	37,765	3,000	5,000	29,765	138,130	21,268	205	114,672	17	12,043
6	Indiana	4	117,145	51,965	8,300	8,300	35,365	65,180	25,550	109	60,101	9	6,070
7	Kentucky	7	8,980	6,930	2,500	3,000	1,430	2,050	1,269	13	9,231	7	5,355
8	Louisiana	4	22,440	20,375	8,000	12,000	375	2,065	757	21	13,076	4	3,950
9	Maine	3	2,735	1,350	175	175	1,000	1,385	559	3	1,920	3	1,920
10	Maryland	7	4,530	1,100	.....	.....	1,100	3,430	944	13	6,702	7	4,580
11	Massachusetts	42	108,955	33,895	.....	.....	33,895	75,060	16,658	175	121,524	44	38,219
12	Michigan	4	13,307	8,452	.....	2,000	6,452	4,855	904	26	15,568	4	4,280
13	Minnesota	4	5,780	2,950	750	1,200	1,000	2,830	448	9	8,020	4	3,520
14	Missouri	15	34,591	16,030	4,200	7,800	4,030	18,561	3,571	37	18,907	18	9,950
15	New Jersey	4	3,625	825	.....	.....	825	2,800	486	7	3,014	3	1,374
16	New York	81	277,821	117,285	14,600	29,050	73,035	160,536	38,845	405	246,570	94	82,855
17	Ohio	16	17,267	11,515	5,100	3,000	3,415	5,752	3,097	23	15,074	16	11,711
18	Pennsylvania	44	342,453	106,540	27,700	43,100	95,740	175,913	55,296	255	172,793	46	39,452
19	Rhode Island	3	1,830	710	.....	.....	710	1,120	551	4	2,310	4	2,310
20	Texas	7	128,205	123,500	76,000	44,500	3,000	4,705	1,372	15	13,912	3	2,824
21	Wisconsin	5	28,570	26,825	800	25,200	825	1,745	366	9	4,830	3	1,970
22	All other states (a)	9	19,891	15,725	5,150	5,850	4,725	4,166	2,199	16	11,788	6	4,440

a Includes establishments distributed as follows: Arkansas, 1; Kansas, 2; Nebraska, 1; New Hampshire, 2; Tennessee, 1; Virginia, 2.

229.—MUSICAL INSTRUMENTS, ORGANS AND MATERIALS.

1	The United States...	145	9,890,288	2,083,252	450,560	871,755	760,937	7,807,036	821,315	4,989	3,096,477	349	409,446
2	California	5	25,000	10,800	6,000	2,000	2,800	14,200	3,006	16	17,134	4	5,760
3	Connecticut	6	651,978	174,224	13,800	88,053	72,371	477,754	40,122	282	197,468	20	30,772
4	Illinois	17	3,339,923	562,076	106,000	230,000	226,076	2,777,847	128,266	1,483	829,731	70	73,552
5	Indiana	5	188,008	120,600	6,600	65,900	48,100	67,408	2,390	47	27,700	7	6,300
6	Maryland	5	37,163	7,300	450	3,000	3,850	29,863	7,617	66	40,529	10	10,424
7	Massachusetts	30	2,162,536	343,589	121,100	105,500	116,989	1,818,947	345,572	1,143	816,977	78	94,092
8	Michigan	4	503,628	152,191	39,500	73,103	39,588	351,437	48,429	371	192,074	21	28,170
9	Minnesota	3	81,760	41,360	6,010	24,300	11,050	40,400	6,311	19	6,895	4	3,955
10	Missouri	4	38,520	21,520	8,000	10,000	3,520	17,000	2,702	30	24,504	6	7,544
11	New Jersey	6	115,977	41,703	3,500	14,762	23,441	74,274	45,946	171	103,449	9	10,300
12	New York	23	549,473	203,209	82,800	75,037	45,372	346,264	27,212	366	271,601	45	50,714
13	Ohio	4	96,400	54,700	14,500	28,000	12,200	41,700	5,776	71	39,416	10	12,540
14	Pennsylvania	19	405,321	103,794	28,300	37,700	37,794	301,527	49,962	304	199,737	39	41,943
15	Vermont	3	1,525,926	197,461	5,000	90,000	102,461	1,328,465	102,075	516	260,238	11	15,160
16	Wisconsin	3	19,350	9,650	2,000	3,400	4,250	9,700	1,545	16	11,532	4	3,948
17	All other states (a)	8	149,325	39,075	7,000	15,000	17,075	110,250	4,384	88	56,892	11	14,212

a Includes establishments distributed as follows: Kentucky, 1; Louisiana, 1; Maine, 1; New Hampshire, 1; North Carolina, 1; Rhode Island, 1; South Carolina, 1; Virginia, 1.

STATES AND TERRITORIES: 1890—Continued.

227.—MUCILAGE AND PASTE.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
6	$2,526	252	$108,945	36	$5,745	3	$75	6	$1,972	12	$3,045	.....	.....	$755,034	$1,276,611	1
1	624	8	3,764	1	208	.....	.....	.....	.....	.....	.....	.....	.....	16,516	30,975	2
3	1,170	130	51,747	28	4,441	.....	.....	.....	.....	8	2,045	.....	.....	522,523	799,821	3
.....	.....	10	2,684	1	240	.....	.....	.....	.....	.....	.....	.....	.....	10,651	24,300	4
.....	.....	6	3,071	.....	.....	.....	.....	1	208	.....	.....	.....	.....	22,157	34,560	5
1	432	43	23,632	1	156	.....	.....	1	100	.....	.....	.....	.....	35,328	108,165	6
.....	.....	18	7,015	3	200	3	75	4	1,664	.....	.....	.....	.....	13,130	36,347	7
1	300	28	13,312	2	500	.....	.....	.....	.....	4	1,000	.....	.....	116,336	204,960	8
.....	.....	9	3,720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,393	37,483	9

228.—MUSICAL INSTRUMENTS AND MATERIALS, NOT SPECIFIED.

12	4,454	875	514,504	46	13,927	21	3,795	106	69,384	8	3,500	.....	.....	510,664	1,888,613	1
.....	.....	3	1,724	.....	.....	.....	.....	1	200	.....	.....	.....	.....	1,969	16,073	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	403	3,100	3
.....	.....	9	3,504	.....	.....	1	178	1	780	.....	.....	.....	.....	2,662	15,675	4
.....	.....	146	72,546	3	1,000	1	156	38	28,922	.....	.....	.....	.....	75,493	239,960	5
4	1,600	60	33,131	.....	.....	5	800	31	18,500	.....	.....	.....	.....	25,078	136,636	6
.....	.....	6	3,876	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,270	14,300	7
.....	.....	17	9,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,868	27,120	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	225	3,950	9
.....	.....	5	1,872	.....	.....	.....	.....	1	250	.....	.....	.....	.....	2,348	13,686	10
.....	.....	121	79,602	7	2,707	1	156	2	840	.....	.....	.....	.....	52,943	224,599	11
1	520	21	10,768	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,720	25,495	12
.....	.....	5	4,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,232	13,555	13
1	156	17	8,671	.....	.....	1	130	.....	.....	.....	.....	.....	.....	7,259	41,065	14
.....	.....	2	1,120	2	520	.....	.....	.....	.....	.....	.....	.....	.....	6,212	10,580	15
2	572	248	138,152	31	9,000	3	760	19	11,731	8	3,500	.....	.....	196,802	588,834	16
.....	.....	5	2,514	.....	.....	.....	.....	2	849	.....	.....	.....	.....	9,454	37,230	17
4	1,606	185	124,308	2	500	9	1,615	9	5,312	.....	.....	.....	.....	104,310	418,941	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,419	4,061	19
.....	.....	12	11,088	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,020	27,400	20
.....	.....	6	2,860	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	518	8,080	21
.....	.....	7	5,148	1	200	.....	.....	2	2,000	.....	.....	.....	.....	1,859	18,273	22

229.—MUSICAL INSTRUMENTS, ORGANS AND MATERIALS.

32	12,840	2,492	1,550,531	79	33,872	22	4,132	1,977	1,072,456	38	13,200	.....	.....	3,454,720	9,213,188	1
.....	.....	10	8,854	.....	.....	.....	.....	2	2,520	.....	.....	.....	.....	7,229	34,416	2
4	1,796	239	154,979	6	2,110	.....	.....	10	6,718	3	1,093	.....	.....	234,213	564,367	3
12	5,100	541	323,651	33	14,920	2	208	825	412,300	.....	.....	.....	.....	1,112,067	2,790,889	4
.....	.....	34	18,975	.....	.....	4	325	2	2,100	.....	.....	.....	.....	32,150	162,573	5
.....	.....	51	28,027	.....	.....	1	78	4	2,000	.....	.....	.....	.....	37,925	100,475	6
3	1,120	558	378,144	27	10,970	1	150	470	330,551	6	1,950	.....	.....	667,031	2,164,990	7
2	1,100	97	48,555	.....	.....	8	1,230	243	113,610	.....	.....	.....	.....	271,849	573,878	8
.....	.....	5	2,090	.....	.....	.....	.....	10	850	.....	.....	.....	.....	51,730	97,640	9
.....	.....	21	15,556	.....	.....	3	1,404	.....	.....	.....	.....	.....	.....	13,990	46,340	10
6	1,300	105	51,569	.....	.....	1	220	50	40,000	.....	.....	.....	.....	128,173	326,234	11
.....	.....	321	220,887	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	257,201	670,017	12
.....	.....	37	18,876	.....	.....	.....	.....	24	8,000	.....	.....	.....	.....	27,863	112,500	13
3	924	195	121,182	11	4,996	2	508	53	29,950	1	234	.....	.....	216,816	585,883	14
2	1,500	198	114,022	2	876	.....	.....	275	118,757	28	9,923	.....	.....	307,203	794,346	15
.....	.....	12	7,584	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,850	24,600	16
.....	.....	68	37,580	.....	.....	.....	.....	9	5,100	.....	.....	.....	.....	83,430	164,040	17

TABLE 5.—SPECIFIED INDUSTRIES, BY

230.—MUSICAL INSTRUMENTS, PIANOS AND MATERIALS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	236	$18,430,872	$4,701,884	$1,385,346	$1,738,750	$1,577,788	$13,728,988	$1,394,513	13,057	$9,347,729	607	$965,686
2	California	10	119,435	13,550	1,800	1,500	10,250	105,885	23,183	52	47,154	11	11,876
3	Connecticut	5	1,306,968	294,179	46,329	152,555	95,295	1,012,789	37,573	894	522,342	23	38,388
4	Illinois	8	333,900	84,500	31,400	35,600	17,500	249,400	77,944	459	249,002	16	19,216
5	Indiana	3	97,590	16,550	2,000	10,000	4,550	81,040	12,019	134	65,992	8	7,650
6	Kentucky	3	12,410	7,500	2,500	4,650	350	4,910	2,104	9	5,438	2	1,700
7	Maryland	4	1,063,987	100,935	6,835	43,000	51,100	963,052	128,460	737	532,160	36	74,280
8	Massachusetts	53	3,887,004	970,668	249,882	296,245	424,541	2,916,336	364,911	3,030	2,140,534	135	221,653
9	Michigan	3	182,483	20,201	700	600	18,901	162,282	16,812	217	143,670	4	6,000
10	Missouri	4	14,050	1,400	----	----	1,400	12,650	2,769	22	16,247	3	2,125
11	New Hampshire	4	80,050	27,300	3,500	7,500	16,300	52,750	6,214	51	27,734	2	1,980
12	New Jersey	4	40,550	13,150	3,500	5,000	4,650	27,400	1,367	30	20,328	6	5,568
13	New York	107	10,264,162	2,769,975	973,000	971,600	825,375	7,494,187	619,212	6,820	5,150,213	306	507,984
14	Ohio	7	388,956	101,036	8,000	53,000	40,036	287,920	38,161	268	169,566	24	27,576
15	Pennsylvania	12	511,655	216,340	38,400	133,000	44,940	295,315	57,799	240	193,155	22	26,970
16	All other states (a)	9	127,672	64,600	17,500	24,500	22,600	63,072	5,895	85	55,104	9	9,720

a Includes establishments distributed as follows: Georgia, 2; Iowa, 1; Louisiana, 1; Minnesota, 1; Vermont, 2; Wisconsin, 2.

231.—NEEDLES AND PINS.

1	The United States...	45	1,820,089	954,609	81,100	222,900	650,609	865,480	71,674	1,680	728,002	65	74,532
2	Connecticut	13	1,030,573	541,800	30,500	146,400	364,900	488,773	42,525	688	306,956	26	34,360
3	Massachusetts	11	182,755	77,200	10,300	25,000	41,900	105,555	6,307	334	137,478	15	16,720
4	New Hampshire	5	118,973	46,800	3,300	8,500	35,000	72,173	7,521	262	114,980	7	7,192
5	New York	5	25,146	9,700	----	----	9,700	15,446	1,797	41	17,365	4	2,760
6	Pennsylvania	6	70,384	32,938	4,200	13,000	15,738	37,446	3,793	74	30,365	9	8,400
7	All other states (a)	5	392,258	246,171	32,800	30,000	183,371	146,087	9,731	281	120,858	4	5,100

a Includes establishments distributed as follows: Michigan, 1; New Jersey, 1; Ohio, 2; Vermont, 1.

232.—NETS AND SEINES.

1	The United States...	22	1,135,764	467,623	39,573	95,633	332,417	668,141	53,920	650	217,985	31	27,114
2	Massachusetts	8	887,829	347,388	25,673	69,633	252,082	540,441	43,628	484	167,910	16	18,664
3	Michigan	3	7,600	2,000	900	1,100	----	5,600	83	9	3,451	1	125
4	New York	3	121,825	55,125	----	----	55,125	66,700	2,121	57	16,401	2	500
5	All other states (a)	8	118,510	63,110	13,000	24,900	25,210	55,400	8,088	100	30,223	12	7,825

a Includes establishments distributed as follows: Illinois, 1; Maine, 2; Maryland, 1; Missouri, 2; Rhode Island, 1; Virginia, 1.

233.—OAKUM.

1	The United States (a)...	7	275,675	186,525	73,525	35,000	78,000	89,150	6,579	151	57,116	9	10,300

a Includes establishments distributed as follows: California, 1; Connecticut, 2; Maine, 1; Maryland, 1; New Jersey, 2.

234.—OIL, CASTOR.

1	The United States...	7	621,798	263,962	85,500	51,000	127,462	357,836	28,314	101	70,131	22	24,729
2	Missouri	3	219,298	83,962	24,500	11,500	47,962	135,336	10,078	32	18,961	10	8,979
3	All other states (a)	4	402,500	180,000	61,000	39,500	79,500	222,500	18,236	69	51,170	12	15,750

a Includes establishments distributed as follows: Illinois, 1; New Jersey, 1; New York, 1; Texas, 1.

STATES AND TERRITORIES: 1890—Continued.

230.—MUSICAL INSTRUMENTS, PIANOS AND MATERIALS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
18	$12,696	9,670	$6,355,258	145	$48,619	40	$7,070	2,541	$1,937,484	36	$20,916	.....	.....	$10,470,779	$25,766,368	1
.....	.....	36	32,402	1	720	1	156	3	2,000	.....	.....	.....	.....	49,042	180,860	2
1	1,092	688	362,902	41	15,100	.....	.....	141	104,860	.....	.....	.....	.....	860,129	1,557,993	3
1	400	393	188,136	.....	.....	.....	.....	49	41,340	.....	.....	.....	.....	352,222	755,450	4
1	300	33	26,218	.....	.....	.....	.....	77	26,400	15	5,424	.....	.....	84,703	179,805	5
.....	.....	6	3,488	.....	.....	.....	.....	1	250	.....	.....	.....	.....	4,422	13,500	6
2	3,000	452	265,880	.....	.....	22	4,000	225	185,000	.....	.....	.....	.....	406,592	1,291,165	7
11	6,704	2,440	1,668,582	91	27,249	.....	.....	335	210,946	18	14,400	.....	.....	2,399,186	5,681,773	8
.....	.....	212	137,420	1	250	.....	.....	.....	.....	.....	.....	.....	.....	80,296	363,750	9
.....	.....	19	14,122	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,963	29,100	10
.....	.....	47	24,404	.....	.....	.....	.....	2	1,350	.....	.....	.....	.....	37,190	80,019	11
.....	.....	24	14,760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,800	45,760	12
2	1,200	4,985	3,408,257	10	5,200	15	2,602	1,499	1,223,878	3	1,092	.....	.....	5,706,193	14,455,068	13
.....	.....	132	75,758	.....	.....	2	312	110	65,920	.....	.....	.....	.....	187,424	443,155	14
.....	.....	127	87,545	1	100	.....	.....	99	75,540	.....	.....	.....	.....	246,532	576,800	15
.....	.....	76	45,384	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,085	112,170	16

231.—NEEDLES AND PINS.

6	3,986	803	395,852	396	121,729	9	2,070	95	54,671	295	72,557	11	$2,605	450,442	1,515,865	1
2	1,170	238	139,690	103	32,658	.....	.....	55	33,381	261	64,182	3	1,515	257,278	737,396	2
2	1,900	220	93,949	96	24,559	.....	.....	1	350	.....	.....	.....	.....	43,894	220,587	3
1	500	127	60,383	92	29,055	4	850	16	12,000	15	5,000	.....	.....	20,360	169,282	4
.....	.....	31	12,865	.....	.....	.....	.....	2	1,440	4	300	.....	.....	8,515	33,716	5
.....	.....	27	13,683	24	5,952	2	440	.....	.....	4	800	8	1,090	9,914	79,803	6
1	416	160	75,282	81	29,505	3	780	21	7,500	11	2,275	.....	.....	110,481	275,081	7

232.—NETS AND SEINES.

1	750	102	60,281	425	108,604	.....	.....	2	300	83	20,936	.....	.....	634,634	1,002,196	1
.....	.....	64	44,410	389	100,136	.....	.....	.....	.....	15	4,700	.....	.....	421,698	709,324	2
.....	.....	8	3,326	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,410	10,255	3
.....	.....	4	2,713	3	900	.....	.....	2	300	46	11,988	.....	.....	148,075	169,937	4
1	750	26	9,832	33	7,568	.....	.....	.....	.....	28	4,248	.....	.....	59,451	112,680	5

233.—OAKUM.

.....	.....	124	43,636	4	200	14	2,980	.....	.....	.....	.....	.....	.....	231,733	363,400	1

234.—OIL, CASTOR.

2	870	77	44,532	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	431,231	573,363	1
.....	.....	22	9,982	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	158,971	210,063	2
2	870	55	34,550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	272,260	363,300	3

TABLE 5.—SPECIFIED INDUSTRIES, BY

235.—OIL, COTTONSEED AND CAKE.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	119	$12,808,996	$8,941,014	$898,345	$2,733,217	$5,309,452	$3,867,982	$1,163,586	6,301	$1,907,827	391	$412,197
2	Alabama	9	502,408	532,842	77,391	183,250	272,192	59,566	87,003	533	133,348	42	46,735
3	Arkansas	8	1,488,690	1,168,028	91,921	301,721	774,386	320,662	160,148	536	196,767	25	38,116
4	Georgia	17	992,131	812,309	92,000	253,200	467,100	179,831	86,843	800	186,685	49	41,128
5	Louisiana	7	1,082,752	656,400	53,900	203,200	399,300	426,352	48,124	427	177,192	38	40,410
6	Mississippi	13	1,497,746	1,131,154	149,954	444,100	537,100	366,592	186,751	921	242,995	30	31,856
7	New York	3	83,800	40,000			40,000	43,800	9,090	57	41,540	15	17,040
8	North Carolina	11	743,675	530,115	34,766	172,600	322,749	213,560	31,877	337	69,972	19	13,376
9	South Carolina	17	565,372	481,046	20,798	125,883	334,365	84,326	59,136	449	68,632	33	12,278
10	Tennessee	15	1,833,204	1,279,175	178,510	273,279	827,386	554,029	220,051	1,084	236,978	53	52,534
11	Texas	13	2,358,615	1,825,593	149,950	596,634	1,079,009	533,022	233,070	920	374,226	54	54,086
12	All other states (a)	6	1,570,603	484,361	49,155	179,241	255,865	1,086,242	41,490	237	179,492	33	64,638

a Includes establishments distributed as follows: Florida, 2; Kentucky, 2; Ohio, 1; Rhode Island, 1.

236.—OIL, ESSENTIAL.

1	The United States...	67	102,223	70,872	10,006	11,497	49,369	31,351	34,462	220	37,492	23	8,568
2	Michigan	24	6,073	6,061	576	1,630	3,855	12	330	61	2,982	4	186
3	New York	7	54,930	41,855	8,180	6,825	26,850	13,075	31,898	33	13,035	5	3,605
4	Pennsylvania	15	11,413	5,012	400	1,317	3,295	6,401	548	33	8,547	8	3,285
5	Virginia	14	23,523	13,370	305	1,365	11,700	10,153	1,161	47	7,600	3	798
6	All other states (a)	7	6,284	4,574	545	360	3,669	1,710	525	46	5,328	3	694

a Includes establishments distributed as follows: Connecticut, 2; Indiana, 1; Massachusetts, 1; Ohio, 2; Vermont, 1.

237.—OIL, ILLUMINATING, NOT INCLUDING PETROLEUM, REFINING.

1	The United States (a)...	5	561,496	349,200	107,500	114,000	127,700	212,296	15,480	66	54,418	13	22,644

a Includes establishments distributed as follows: California, 1; Massachusetts, 1; New York, 1; Oregon, 1; Pennsylvania, 1.

238.—OIL, LARD.

1	The United States (a)...	7	481,526	197,500	65,500	77,500	54,500	284,026	102,663	120	82,232	26	29,024

a Includes establishments distributed as follows: New Jersey, 1; New York, 2; Ohio, 2; Pennsylvania, 2.

239.—OIL, LINSEED.

1	The United States...	62	14,003,358	5,036,210	1,208,775	1,514,358	2,313,077	8,967,148	1,321,461	2,073	1,286,062	184	306,498
2	Illinois	8	1,623,592	766,500	191,500	174,000	401,000	857,092	91,413	220	124,908	25	37,583
3	Indiana	3	286,200	99,000	12,000	37,500	49,500	187,200	18,057	53	34,560	11	16,150
4	Iowa	7	1,531,455	604,000	117,000	210,500	276,500	927,455	201,242	168	90,120	17	24,857
5	Minnesota	3	1,017,114	349,784	93,000	110,000	146,784	667,330	67,152	99	66,938	8	24,300
6	Missouri	5	1,312,762	553,400	165,200	132,800	255,400	759,362	73,525	186	149,983	21	40,608
7	New York	7	4,449,070	1,113,351	275,000	319,458	518,893	3,335,719	627,825	759	469,598	39	79,752
8	Ohio	14	1,222,303	538,700	87,500	186,700	264,500	683,603	115,804	272	149,402	30	37,518
9	Pennsylvania	5	716,675	364,975	130,075	85,400	149,500	351,700	20,102	96	49,548	10	9,740
10	Wisconsin	3	314,920	162,000	19,000	63,000	80,000	152,920	34,235	63	37,677	8	11,860
11	All other states (a)	7	1,529,267	484,500	118,500	195,000	171,000	1,044,767	72,106	157	113,328	15	24,130

a Includes establishments distributed as follows: California, 2; Kansas, 2; Nebraska, 1; New Jersey, 1; South Dakota, 1.

STATES AND TERRITORIES: 1890—Continued.

235.—OIL, COTTONSEED AND CAKE.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
4	$1,850	5,778	$1,458,966	55	$9,607	37	$4,483	36	$20,724	.....	.....	.....	.....	$14,363,126	$19,335,947	1
1	250	486	85,327	1	100	1	116	2	820	.....	.....	.....	.....	945,069	1,203,989	2
.....	.....	511	158,651	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,319,939	1,881,668	3
.....	.....	737	144,123	12	1,194	2	240	.....	.....	.....	.....	.....	.....	1,289,421	1,670 196	4
2	600	369	130,646	3	468	23	3,664	1	1,404	.....	.....	.....	.....	1,058,115	1,573,626	5
.....	.....	865	205,074	26	6,065	.....	.....	.....	.....	.....	.....	.....	.....	1,757,807	2,406,628	6
.....	.....	42	24,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	473,675	547,900	7
.....	.....	310	56,303	1	15	7	278	.....	.....	.....	.....	.....	.....	402,199	529.746	8
.....	.....	412	56,169	.....	.....	4	185	.....	.....	.....	.....	.....	.....	740,605	927,772	9
1	1,000	1,023	182,934	7	510	.....	.....	.....	.....	.....	.....	.....	.....	1,748.953	2,504,741	10
.....	.....	861	318,886	5	1,255	.....	.....	.....	.....	.....	.....	.....	.....	2,531,911	3,262,596	11
.....	.....	171	96,354	.....	.....	.....	.....	33	18,500	.....	.....	.....	.....	2,096,332	2,827,085	12

236.—OIL, ESSENTIAL.

.....	.....	191	28,249	.....	.....	.....	.....	6	675	.....	.....	.....	.....	129,735	255,847	1
.....	.....	57	2,796	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,103	26.577	2
.....	.....	28	9,430	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	91,980	159,163	3
.....	.....	25	5,262	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,308	23,291	4
.....	.....	38	6,127	.....	.....	.....	.....	6	675	.....	.....	.....	.....	19,362	33,378	5
.....	.....	43	4,634	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,982	13,438	6

237.—OIL, ILLUMINATING, NOT INCLUDING PETROLEUM, REFINING.

2	1,166	51	30,608	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	442,338	599,720	1

238.—OIL, LARD.

.....	.....	92	51,813	.....	.....	.....	.....	2	1,395	.....	.....	.....	.....	920,650	1,181,613	1

239.—OIL, LINSEED.

3	2,220	1,851	953,180	4	1,040	.....	.....	31	23,124	.....	.....	.....	.....	19,374,543	23,534,306	1
1	800	192	85,765	1	260	.....	.....	1	500	.....	.....	.....	.....	2,397,787	2,901,164	2
.....	.....	40	17,660	.....	.....	.....	.....	2	750	.....	.....	.....	.....	547,319	638,938	3
.....	.....	150	65,083	1	180	.....	.....	.....	.....	.....	.....	.....	.....	1,699,686	2,109,877	4
1	900	90	41,738	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,140,450	1,547,719	5
.....	.....	165	109,375	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,370,267	1,795,401	6
1	520	691	367,452	.....	.....	.....	.....	28	21,874	.....	.....	.....	.....	6,266,129	7,496,266	7
.....	.....	240	111,284	2	600	.....	.....	.....	.....	.....	.....	.....	.....	3,075,182	3,566,310	8
.....	.....	86	39,808	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,047,491	1,215,180	9
.....	.....	55	25,817	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	499,387	624,228	10
.....	.....	142	89,198	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,330,845	1,639,223	11

TABLE 5.—SPECIFIED INDUSTRIES, BY

240.—OIL, LUBRICATING.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	124	$4,091,157	$1,067,901	$212,584	$300,476	$554,841	$3,023,256	$928,718	1,072	$876,479	350	$432,470
2	California	5	180,411	19,000	.....	.....	19,000	161,411	18,711	63	54,654	15	19,650
3	Illinois	4	69,525	7,325	.....	5,000	2,325	62,200	4,229	23	18,246	9	9,240
4	Maine	5	92,200	21,200	4,400	10,000	6,800	71,000	5,854	31	14,698	12	6,660
5	Massachusetts	9	323,159	57,430	14,350	15,950	27,130	265,729	15,428	104	61,922	17	19,794
6	Missouri	8	129,605	14,830	.....	.....	14,830	114,775	12,031	47	49,808	22	34,345
7	New Jersey	6	552,338	332,522	67,993	110,000	154,529	219,816	14,964	149	119,758	15	30,126
8	New York	32	429,734	93,705	35,100	16,950	41,655	336,029	51,802	217	193,594	106	126,848
9	Ohio	14	322,041	122,042	33,000	46,500	42,542	199,999	27,353	140	100,731	53	51,290
10	Pennsylvania	19	1,552,833	303,393	43,441	79,726	180,226	1,249,440	743,679	187	171,338	49	77,828
11	Rhode Island	6	105,812	21,704	1,300	5,000	15,404	84,108	18,650	43	33,500	24	23,886
12	Wisconsin	5	170,150	39,500	7,000	8,000	24,500	130,650	10,693	28	24,709	12	15,000
13	All other states (a)	11	163,349	35,250	6,000	3,350	25,900	128,099	5,324	50	33,312	16	17,603

a Includes establishments distributed as follows: Colorado, 1; Connecticut, 2; Kansas, 1; Maryland, 2; Minnesota, 1; Nevada, 1; North Carolina, 1; Virginia, 1; West Virginia, 1.

241.—OIL, RESIN.

1	The United States...	8	284,110	153,500	58,000	50,000	45,500	130,610	20,890	117	82,652	27	29,056
2	New York	4	142,950	51,500	20,000	18,000	13,500	91,450	7,790	61	47,360	15	17,420
3	All other states (a)	4	141,160	102,000	38,000	32,000	32,000	39,160	13,100	56	35,292	12	11,636

a Includes establishments distributed as follows: Georgia, 1; Illinois, 1; Ohio, 1; Pennsylvania, 1.

242.—OILCLOTH, ENAMELED.

1	The United States...	9	772,820	412,450	74,950	170,750	166,750	360,370	66,929	367	212,461	26	29,702
2	New Jersey	6	578,090	351,500	74,000	162,000	115,500	226,590	54,790	256	150,500	16	23,750
3	All other states (a)	3	194,820	60,950	950	8,750	51,250	133,870	12,139	111	61,961	10	5,952

a Includes establishments distributed as follows: Massachusetts, 1; New York, 2.

243.—OILCLOTH, FLOOR.

1	The United States...	19	3,704,436	1,596,845	295,550	777,150	524,145	2,107,591	195,764	1,583	837,969	61	91,953
2	Maine	3	368,000	121,000	16,000	67,000	38,000	247,000	16,750	302	156,348	16	18,248
3	New Jersey	6	1,209,451	721,745	120,000	381,000	220,745	487,706	96,786	538	288,025	26	38,655
4	New York	7	1,236,381	516,900	105,350	247,150	164,400	719,481	63,665	422	241,548	17	33,300
5	All other states (a)	3	890,604	237,200	54,200	82,000	101,000	653,404	18,563	321	152,048	2	1,750

a Includes establishments distributed as follows: Massachusetts, 2; Pennsylvania, 1.

244.—OLEOMARGARINE.

1	The United States...	12	634,532	135,434	32,234	29,900	73,300	499,098	385,563	328	245,890	58	88,504
2	Illinois	4	430,400	93,000	32,000	25,000	30,000	337,400	260,407	219	170,414	30	55,448
3	Rhode Island	4	139,307	28,134	234	4,900	23,000	111,173	75,082	64	44,790	17	22,524
4	All other states (a)	4	64,825	14,300	.....	.....	14,300	50,525	50,074	45	30,686	11	10,532

a Includes establishments distributed as follows: Colorado, 1; Ohio, 2; Pennsylvania, 1.

STATES AND TERRITORIES: 1890—Continued.

240.—OIL, LUBRICATING.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
15	$7,246	667	$425,291	32	$8,854	6	$1,385	2	$1,224	.....	.....	.....	.....	$4,961,184	$8,656,530	1
1	500	31	33,064	4	960	2	480	.....	.....	.....	.....	.....	.....	227,170	406,529	2
.....	.....	12	8,070	2	936	.....	.....	.....	.....	.....	.....	.....	.....	215,135	260,750	3
.....	.....	17	7,310	2	728	.....	.....	.....	.....	.....	.....	.....	.....	110,275	156,410	4
.....	.....	75	39,128	12	3,000	.....	.....	.....	.....	.....	.....	.....	.....	515,880	646,973	5
2	956	23	14,507	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	166,106	350,170	6
.....	.....	134	89,632	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	353,781	532,169	7
2	1,550	104	63,982	4	614	.....	.....	1	600	.....	.....	.....	.....	699,191	1,190,329	8
3	1,450	77	45,701	6	2,134	1	156	.....	.....	.....	.....	.....	.....	438,828	791,665	9
3	988	133	91,598	1	300	.....	.....	1	624	.....	.....	.....	.....	1,134,491	2,577,748	10
2	1,020	17	8,594	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118,491	209,269	11
1	600	14	8,984	.....	.....	1	125	.....	.....	.....	.....	.....	.....	138,403	230,625	12
1	182	30	14,721	1	182	2	624	.....	.....	.....	.....	.....	.....	843,433	1,303,893	13

241.—OIL, RESIN.

.....	.....	90	53,596	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	535,320	738,680	1
.....	.....	46	29,940	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	388,200	494,500	2
.....	.....	44	23,656	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	147,120	244,180	3

242.—OILCLOTH, ENAMELED.

.....	.....	315	168,789	4	2,570	2	300	20	11,100	.....	.....	.....	.....	983,518	1,603,265	1
.....	.....	239	120,430	1	320	.....	.....	.....	.....	.....	.....	.....	.....	665,893	1,129,185	2
.....	.....	76	42,359	3	2,250	2	300	20	11,100	.....	.....	.....	.....	317,622	474,080	3

243.—OILCLOTH, FLOOR.

1	250	1,192	583,333	4	1,340	6	1,250	285	156,307	.....	.....	34	$3,536	2,380,295	3,877,822	1
.....	.....	272	132,760	4	1,340	.....	.....	10	4,000	.....	.....	.....	.....	290,140	575,250	2
1	250	259	122,576	.....	.....	2	350	216	122,658	.....	.....	34	3,536	838,395	1,429,275	3
.....	.....	361	187,393	.....	.....	4	900	40	19,955	.....	.....	.....	.....	772,130	1,189,243	4
.....	.....	300	140,604	.....	.....	.....	.....	19	9,694	.....	.....	.....	.....	479,630	684,054	5

244.—OLEOMARGARINE.

6	3,248	252	150,918	11	2,870	1	350	.....	.....	.....	.....	.....	.....	2,175,264	2,988,525	1
4	2,520	175	109,746	9	2,350	1	350	.....	.....	.....	.....	.....	.....	1,314,300	1,864,800	2
1	364	46	21,902	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	531,309	675,000	3
1	304	31	19,270	2	520	.....	.....	.....	.....	.....	.....	.....	.....	329,655	448,725	4

TABLE 5.—SPECIFIED INDUSTRIES, BY

245.—OPTICAL GOODS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.	Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks. Males above 16 years.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.	Number.	Wages.
1	The United States...	191	$2,608,176	$906,727	$64,281	$144,495	$697,951	$1,701,449	$228,028	2,844	$1,300,452	302	$275,494
2	California	3	12,225	1,300	.....	.....	1,300	10,925	2,047	14	10,064	3	1,800
3	Connecticut	6	18,560	2,175	.....	.....	2,175	16,385	3,106	31	11,921	6	3,520
4	District of Columbia	6	28,500	3,025	.....	.....	3,025	25,475	4,755	19	11,888	6	5,420
5	Illinois	6	84,600	12,100	.....	.....	12,100	72,500	15,256	85	59,057	17	16,517
6	Kentucky	4	12,910	5,625	3,000	2,100	525	7,285	1,348	9	4,554	5	3,204
7	Maryland	3	20,535	3,035	.....	.....	3,035	17,500	5,277	24	26,336	5	13,500
8	Massachusetts	36	826,492	242,600	33,731	87,065	121,813	583,883	48,384	874	381,083	28	23,267
9	Michigan	3	37,180	5,000	.....	.....	5,000	32,180	2,100	67	32,199	10	12,000
10	Minnesota	3	11,311	3,125	.....	.....	3,125	8,186	2,110	11	8,136	2	2,040
11	Missouri	5	14,875	3,350	.....	.....	3,350	11,525	1,844	14	9,866	6	6,200
12	New York	49	744,268	270,805	.....	5,000	265,805	473,463	61,297	693	335,382	87	91,806
13	Ohio	13	43,300	3,390	.....	.....	3,390	39,910	6,046	38	29,600	16	17,108
14	Pennsylvania	42	695,620	315,843	21,500	35,830	258,513	379,777	66,788	741	306,012	101	72,828
15	Wisconsin	3	1,495	395	.....	.....	395	1,100	744	7	5,206	3	2,400
16	All other states (a)	9	56,305	34,950	6,050	14,500	14,400	21,355	6,926	217	69,118	7	3,884

a Includes establishments distributed as follows: Colorado, 2; Indiana, 2; Kansas, 2; New Jersey, 2; Virginia, 1.

246.—ORDNANCE AND ORDNANCE STORES.

1	The United States (a)	4	7,639,991	7,446,383	2,081,866	3,516,829	1,847,688	193,608	18,885	1,459	1,099,306	31	34,888

a Includes establishments distributed as follows: Connecticut, 1; District of Columbia, 1; Massachusetts, 1; Rhode Island, 1.

247.—OYSTERS, CANNING AND PRESERVING. (See also Food preparations.)

1	The United States	16	1,106,962	504,250	234,200	180,750	89,300	602,712	80,199	3,514	712,501	60	69,641
2	Maryland	8	953,232	445,000	229,000	148,000	68,000	508,232	43,301	2,880	618,100	46	59,060
3	Mississippi	3	132,940	54,000	4,000	32,000	18,000	78,940	33,450	398	69,925	7	6,625
4	All other states (a)	5	20,790	5,250	1,200	750	3,300	15,540	3,448	236	24,476	7	3,956

a Includes establishments distributed as follows: Alabama, 1; Florida, 1; Kentucky, 1; Michigan, 1; Virginia, 1.

248.—PAINTING AND PAPER HANGING.

1	The United States	10,043	23,135,781	7,665,288	2,564,067	2,516,812	2,584,409	15,470,493	2,632,571	56,281	37,722,550	10,816	8,886,887
2	Alabama	32	118,445	42,205	20,250	12,225	9,730	76,240	13,585	222	143,916	31	21,086
3	Arkansas	20	32,873	7,663	2,000	2,750	2,913	25,210	3,903	108	65,085	24	19,796
4	California	144	398,725	102,417	21,900	18,500	62,017	296,308	65,478	1,041	904,423	165	177,551
5	Colorado	5	20,945	925	.....	.....	925	20,020	1,692	25	23,148	4	4,140
6	Connecticut	233	622,983	125,063	28,475	32,505	64,083	497,920	59,907	1,471	977,557	185	146,086
7	Delaware	22	43,450	6,750	1,000	1,200	4,550	36,700	6,167	139	81,093	24	17,100
8	District of Columbia	150	601,128	158,069	69,690	32,300	56,079	443,059	73,620	1,134	748,728	197	169,431
9	Florida	4	375	265	.....	.....	265	110	330	17	7,586	7	3,840
10	Georgia	69	96,112	31,355	11,200	9,000	11,155	64,757	9,235	371	179,431	59	39,117
11	Illinois	600	2,179,191	801,670	356,675	261,855	183,140	1,377,521	205,780	4,334	2,865,963	715	611,322
12	Indiana	265	399,351	121,170	55,075	36,415	29,680	278,181	45,574	1,313	724,010	259	170,756
13	Iowa	132	210,861	51,517	10,505	13,810	27,202	159,344	23,431	621	310,616	133	78,248
14	Kansas	48	115,578	32,710	9,250	14,900	8,560	82,868	12,324	196	108,590	46	29,443
15	Kentucky	258	499,504	143,010	52,400	54,665	35,945	356,494	54,688	1,201	705,438	286	214,524
16	Louisiana	43	104,937	27,376	6,900	13,460	7,016	77,561	10,355	277	161,637	55	50,857
17	Maine	99	164,370	31,493	4,345	9,750	17,398	132,877	17,207	460	237,258	108	62,860
18	Maryland	232	471,397	144,456	45,420	55,530	43,506	326,941	35,292	1,092	626,377	235	168,803
19	Massachusetts	1,295	1,886,949	509,079	100,376	109,028	299,675	1,377,870	286,840	6,145	4,100,858	1,279	993,494
20	Michigan	225	443,965	118,628	36,825	32,025	49,778	325,337	61,960	1,407	781,546	229	160,101
21	Minnesota	206	737,399	255,026	119,310	77,875	66,841	482,373	63,348	1,671	1,032,405	358	278,113
22	Mississippi	11	20,545	4,570	1,575	770	2,225	15,975	2,509	88	48,889	7	4,298
23	Missouri	535	1,090,688	392,067	117,415	135,500	139,152	698,621	145,722	3,094	1,986,810	615	516,545
24	Nebraska	46	261,705	108,475	60,700	33,235	14,540	153,230	31,331	429	321,039	59	54,368
25	New Hampshire	46	57,155	12,385	2,410	2,250	7,725	44,770	7,727	233	128,075	44	30,035
26	New Jersey	311	926,879	343,075	113,000	139,035	91,040	583,804	80,478	2,031	1,483,827	335	297,585
27	New York	1,996	5,427,736	1,950,088	573,813	622,050	754,219	3,477,648	715,894	12,611	9,664,457	2,336	2,273,517
28	North Carolina	12	1,738	473	.....	.....	473	1,265	491	40	12,152	8	3,470
29	Ohio	1,063	1,312,446	518,250	168,910	224,681	124,650	794,196	172,904	4,004	2,400,598	1,081	777,564
30	Oregon	34	134,800	40,550	27,500	5,500	13,550	88,250	14,630	368	304,995	61	72,780
31	Pennsylvania	1,259	3,530,581	1,198,024	417,349	471,275	309,400	2,332,657	284,147	6,558	4,328,701	1,199	921,842

STATES AND TERRITORIES: 1890—Continued.

245.—OPTICAL GOODS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
35	$14,584	1,599	$759,173	289	$76,928	103	$15,968	269	$118,035	118	$34,583	29	$5,687	$1,324,305	$3,505,973	1
.....	.....	11	8,264	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,810	36,500	2
2	590	11	5,335	7	1,456	1	150	1	150	3	720	.....	.....	11,579	34,863	3
.....	.....	12	6,208	1	260	.....	.....	.....	.....	.....	.....	.....	.....	8,284	29,030	4
5	3,684	34	21,956	7	2,236	.....	.....	19	13,572	3	1,092	.....	.....	81,810	183,000	5
.....	.....	4	1,350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,725	12,300	6
.....	.....	19	12,836	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,835	61,584	7
2	728	557	249,977	92	24,804	24	4,602	160	73,670	8	3,066	3	969	554,389	1,106,067	8
4	1,144	29	13,395	13	2,548	6	876	5	2,236	.....	.....	.....	.....	15,093	49,380	9
.....	.....	8	5,784	.....	.....	1	312	.....	.....	.....	.....	.....	.....	13,960	32,050	10
1	260	5	2,906	.....	.....	1	200	1	300	.....	.....	.....	.....	5,288	19,500	11
3	1,612	445	211,324	66	14,668	44	5,876	22	5,378	.....	.....	26	4,718	211,986	727,187	12
.....	.....	16	10,778	4	1,350	2	364	.....	.....	.....	.....	.....	.....	31,443	82,332	13
14	5,566	319	167,346	165	22,806	22	3,224	16	4,567	104	29,705	.....	.....	293,983	981,580	14
.....	.....	4	2,806	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,276	9,750	15
4	1,000	125	38,908	34	6,800	2	364	45	18,162	.....	.....	.....	.....	55,844	139,890	16

246.—ORDNANCE AND ORDNANCE STORES.

.....	.....	1,158	858,811	2	939	1	182	267	204,486	.....	.....	.....	.....	743,348	2,424,662	1

247.—OYSTERS, CANNING AND PRESERVING. (See also Food preparations.)

1	250	578	182,689	707	219,170	54	4,312	904	121,089	995	96,910	215	18,440	2,088,867	3,260,766	1
.....	.....	491	157,303	673	214,860	50	4,000	670	98,077	850	79,600	100	5,200	1,877,353	2,834,400	2
.....	.....	50	16,600	10	1,050	.....	.....	121	18,700	115	15,150	95	11,800	153,957	334,250	3
1	250	37	8,786	24	3,260	4	312	113	4,312	30	2,160	20	1,440	57,557	92,116	4

248.—PAINTING AND PAPER HANGING.

129	48,332	42,617	27,446,839	224	67,944	250	44,836	2,213	1,221,514	25	5,374	7	824	23,110,359	74,067,998	1
.....	.....	186	121,574	.....	.....	1	200	4	1,056	.....	.....	.....	.....	100,350	303,755	2
.....	.....	83	45,139	.....	.....	.....	.....	1	150	.....	.....	.....	.....	41,439	124,658	3
1	480	829	702,830	.....	.....	2	287	44	23,275	.....	.....	.....	.....	549,529	1,759,482	4
.....	.....	21	19,008	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,720	49,000	5
7	2,755	1,250	813,196	20	10,840	.....	.....	9	4,680	.....	.....	.....	.....	578,592	1,870,193	6
.....	.....	97	54,172	.....	.....	3	624	15	9,197	.....	.....	.....	.....	38,580	138,850	7
5	964	902	569,351	14	4,988	4	452	12	3,542	.....	.....	.....	.....	629,426	1,671,914	8
.....	.....	10	8,746	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,743	12,192	9
.....	.....	274	131,293	.....	.....	5	666	33	8,355	.....	.....	.....	.....	172,370	430,220	10
19	9,003	3,401	2,134,114	28	6,775	18	3,356	146	100,301	7	1,092	.....	.....	2,176,648	6,201,553	11
2	510	906	477,287	11	4,440	7	1,352	128	69,665	.....	.....	.....	.....	528,757	1,506,684	12
1	120	477	230,530	2	381	6	937	2	400	.....	.....	.....	.....	244,726	656,707	13
2	700	141	75,647	.....	.....	1	300	6	2,500	.....	.....	.....	.....	92,880	242,977	14
3	898	745	403,071	1	400	5	666	157	85,463	.....	.....	4	416	628,675	1,643,163	15
1	300	203	103,640	.....	.....	.....	.....	18	7,040	.....	.....	.....	.....	87,954	302,043	16
1	227	345	170,571	.....	.....	.....	.....	6	3,600	.....	.....	.....	.....	186,220	503,316	17
2	230	732	420,507	24	5,138	4	650	95	41,049	.....	.....	.....	.....	420,088	1,369,200	18
12	3,601	4,709	3,022,452	9	2,868	11	2,111	119	75,332	6	1,000	.....	.....	1,923,091	7,218,039	19
7	2,848	1,152	611,899	1	120	4	774	14	5,804	.....	.....	.....	.....	526,298	1,596,199	20
6	1,956	1,204	695,335	.....	.....	5	1,214	98	55,787	.....	.....	.....	.....	606,979	2,048,710	21
.....	.....	81	44,591	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28,950	97,420	22
5	938	2,219	1,350,035	5	868	41	7,736	209	110,688	.....	.....	.....	.....	1,285,724	4,060,756	23
2	403	366	265,982	.....	.....	2	286	.....	.....	.....	.....	.....	.....	246,115	694,120	24
1	260	188	97,780	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64,764	230,775	25
2	712	1,611	1,125,866	.....	.....	4	888	79	58,826	.....	.....	.....	.....	851,705	2,786,216	26
24	12,560	9,737	7,116,797	77	21,590	49	9,669	383	229,270	3	746	2	308	5,177,082	17,896,172	27
.....	.....	22	6,504	.....	.....	3	293	7	1,885	.....	.....	.....	.....	13,409	32,447	28
16	4,901	2,651	1,502,265	16	4,304	24	3,425	212	107,103	3	936	1	100	1,619,781	5,036,308	29
3	1,300	302	230,415	.....	.....	2	500	.....	.....	.....	.....	.....	.....	272,660	651,725	30
7	2,666	4,924	3,193,056	15	5,088	33	6,320	374	198,129	6	1,600	.....	.....	2,697,700	8,696,222	31

TABLE 5.—SPECIFIED INDUSTRIES, BY

248.—PAINTING AND PAPER HANGING—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.							AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.	Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
32	Rhode Island	131	$233,921	$68,797	$17,050	$9,950	$41,797	$165,124	$26,144	797	$534,756	113	$90,990
33	South Carolina	9	17,740	8,400	2,600	3,400	2,400	9,340	2,047	58	29,471	12	8,305
34	Tennessee	37	67,594	18,781	4,800	2,440	11,541	48,813	8,530	264	172,566	44	35,145
35	Texas	51	162,739	27,952	11,450	3,762	12,740	134,787	20,596	331	265,856	54	58,381
36	Utah	5	13,100	3,700	500	500	2,700	9,400	4,463	58	60,982	9	12,490
37	Vermont	25	10,925	3,405	250	1,250	1,905	7,520	1,398	90	38,120	27	12,666
38	Virginia	101	155,357	37,712	16,250	8,480	12,982	117,645	14,416	505	254,959	108	68,157
39	Washington	23	49,760	7,200	1,000	2,250	3,950	42,560	8,955	141	147,202	35	40,560
40	West Virginia	10	24,519	8,185	6,000	100	2,085	16,334	1,451	52	32,912	11	7,854
41	Wisconsin	210	460,075	185,557	73,640	59,485	52,432	274,518	45,426	1,227	670,805	247	169,127
42	Wyoming	4	16,740	9,220	5,000	3,000	1,220	7,520	1,060	22	18,530	5	3,980
43	All other states (*a*)	6	10,500	1,575	250	100	1,225	8,925	1,521	35	20,983	7	4,650

a Includes establishments distributed as follows: North Dakota, 4; South Dakota, 2.

249.—PAINTS. (See also Chemicals; Varnish, and special report on Chemicals and allied products in Part III.)

1	The United States	382	34,009,203	14,869,182	4,389,155	5,250,204	5,229,823	19,140,021	3,039,427	8,737	5,605,026	1,597	1,995,138
2	California	6	388,581	149,083	.....	.....	149,083	239,498	40,308	112	82,881	11	14,627
3	Colorado	4	79,800	13,400	.....	.....	13,400	66,400	9,850	44	34,828	11	11,690
4	Georgia	3	49,650	22,760	3,500	7,000	12,200	26,950	2,541	43	15,152	7	8,424
5	Illinois	36	3,747,805	1,412,101	387,536	416,418	608,147	2,335,704	499,541	837	605,495	196	239,367
6	Indiana	5	36,150	14,350	1,450	4,100	8,800	21,800	5,197	41	16,391	7	2,263
7	Iowa	3	49,900	31,600	2,150	17,800	11,650	18,300	1,061	27	13,920	4	1,500
8	Kentucky	4	203,229	99,284	33,800	32,600	32,884	103,945	11,875	50	30,280	10	11,974
9	Maryland	12	478,108	214,000	35,000	74,500	104,500	264,108	20,583	135	67,709	30	24,548
10	Massachusetts	20	1,012,336	321,631	71,000	98,610	152,021	690,705	102,111	353	209,213	55	60,640
11	Michigan	8	1,086,404	369,093	105,050	113,500	150,543	717,311	144,918	235	136,825	46	61,920
12	Minnesota	5	298,814	23,710	100	100	23,510	275,104	37,253	63	47,814	16	14,800
13	Missouri	21	3,715,607	1,816,236	541,095	567,900	707,241	1,899,371	287,256	560	381,348	98	140,209
14	Nebraska	4	424,317	197,502	79,000	29,500	89,002	226,815	45,967	99	66,057	21	28,820
15	New Jersey	18	2,845,007	1,135,273	228,560	411,072	495,701	1,709,734	84,161	705	449,324	105	145,078
16	New York	70	7,534,668	3,991,026	1,380,450	1,650,302	960,274	3,543,642	767,808	2,163	1,428,233	331	482,574
17	Ohio	42	3,900,580	1,647,295	440,750	587,100	619,445	2,259,285	303,793	824	556,748	184	222,932
18	Pennsylvania	71	7,312,123	3,067,635	1,018,117	1,142,345	907,173	4,244,488	609,771	1,974	1,210,581	368	426,726
19	Rhode Island	6	129,875	53,801	10,000	17,657	26,144	76,074	6,449	45	32,610	23	19,924
20	Tennessee	3	60,583	52,903	6,000	15,000	31,903	7,680	10,525	36	16,928	4	5,250
21	Texas	5	37,739	27,815	2,500	19,000	6,315	9,924	1,566	42	30,494	11	10,350
22	Vermont	5	33,976	19,200	3,800	6,200	9,200	14,776	1,579	38	10,468	7	2,412
23	Virginia	5	30,111	16,290	1,000	4,400	10,890	13,911	4,346	115	33,708	6	6,515
24	Wisconsin	9	186,049	82,844	25,857	17,100	39,887	103,805	6,437	55	31,508	9	13,110
25	All other states (*a*)	11	361,191	90,500	12,500	18,000	60,000	270,691	34,531	141	97,111	37	39,485

a Includes establishments distributed as follows: Arkansas, 1; Connecticut, 2; Delaware, 1; Kansas, 1; Louisiana, 1; Maine, 2; North Carolina, 1; Oregon 1; Washington, 1.

250.—PAPER. (See also Leather board; Pulp, wood, and Table 8.)

1	The United States	567	82,374,099	50,289,244	9,002,883	18,250,116	29,036,245	26,084,855	6,270,959	29,568	13,746,584	1,156	1,599,563
2	California	5	421,004	240,000	25,000	67,000	148,000	181,004	74,649	186	131,951	14	24,900
3	Connecticut	42	3,920,916	2,799,100	447,900	840,200	1,511,000	1,121,816	302,592	1,464	725,214	69	99,056
4	Georgia	3	117,400	86,000	16,000	25,000	45,000	31,400	5,025	74	20,540	4	3,740
5	Illinois	21	1,687,381	1,446,300	291,500	550,800	604,000	241,081	119,214	795	355,138	36	39,006
6	Indiana	22	1,307,805	1,067,913	130,850	245,550	691,513	239,892	111,071	718	328,356	36	35,095
7	Iowa	7	324,498	268,000	47,750	72,250	148,000	56,498	18,285	197	80,510	9	8,545
8	Maine	6	1,578,327	1,049,000	180,000	384,000	485,000	529,327	145,807	775	371,980	18	25,800
9	Maryland	17	919,766	702,980	90,580	236,660	375,800	216,786	157,569	491	193,168	19	21,959
10	Massachusetts	85	22,467,036	13,270,831	2,056,180	5,273,685	5,940,966	9,196,205	1,832,753	8,111	3,906,641	282	479,968
11	Michigan	21	1,779,540	1,327,383	148,000	450,278	729,105	452,157	134,658	938	451,483	56	74,656
12	Nebraska	3	185,500	171,350	40,600	50,000	80,750	14,150	14,908	78	22,352	3	2,760
13	New Hampshire	12	1,134,691	738,500	116,500	200,000	422,000	395,591	62,222	502	233,276	20	30,814
14	New Jersey	21	1,882,193	1,452,459	332,500	427,200	692,759	429,734	81,268	546	276,055	31	39,532
15	New York	128	15,636,411	11,337,126	1,915,400	3,765,880	5,655,846	4,299,285	1,311,417	5,020	2,286,407	207	265,300
16	Ohio	50	7,581,536	4,490,442	731,900	1,334,434	2,424,108	3,091,094	513,037	3,042	1,324,302	117	168,763
17	Pennsylvania	72	9,404,772	6,943,652	864,448	1,900,139	4,179,065	2,461,120	646,472	3,059	1,386,935	104	128,275
18	Vermont	14	2,977,111	2,062,500	160,500	586,000	1,316,000	914,611	224,705	970	471,589	22	24,110
19	Virginia	4	438,903	270,000	41,000	80,000	149,000	168,903	16,286	188	74,383	6	11,718
20	Wisconsin	19	4,927,318	3,989,952	974,975	1,006,600	2,008,377	937,366	342,700	1,613	695,221	69	77,814
21	All other states and territories. (*a*)	15	3,682,591	2,575,756	391,300	754,500	1,429,956	1,106,835	156,321	801	411,083	34	37,152

a Includes establishments distributed as follows: Delaware, 2; Kansas, 1; Kentucky, 1; Minnesota, 2; Missouri, 1; North Carolina, 1; Oregon, 2; Rhode Island, 2; Utah, 1; West Virginia, 2.

STATES AND TERRITORIES: 1890—Continued.

248.—PAINTING AND PAPER HANGING—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	678	$442,977	1	$144	4	$487	1	$158	.....	.....	.....	.....	$223,592	$891,132	32
.....	.....	38	18,980	.....	.....	1	50	7	2,136	.....	.....	.....	.....	18,172	56,825	33
.....	.....	210	132,901	.....	.....	2	220	8	4,300	.....	.....	.....	.....	102,863	329,318	34
.....	.....	271	203,445	.....	.....	.....	.....	6	4,030	.....	.....	.....	.....	208,886	572,343	35
.....	.....	48	48,182	.....	.....	.....	.....	1	400	.....	.....	.....	.....	15,302	91,539	36
.....	.....	63	25,454	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,481	63,460	37
.....	.....	376	178,994	.....	.....	4	530	17	7,278	.....	.....	.....	.....	167,220	511,041	38
.....	.....	106	100,642	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70,635	253,152	39
.....	.....	38	24,383	.....	.....	3	675	.....	.....	.....	.....	.....	.....	17,873	65,800	40
.....	.....	976	501,345	.....	.....	2	218	2	115	.....	.....	.....	.....	421,769	1,310,972	41
.....	.....	17	14,550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,809	44,600	42
.....	.....	28	16,333	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,811	47,400	43

249.—PAINTS. (See also Chemicals; Varnish, and special report on Chemicals and allied products in Part III.)

96	$14,731	6,242	3,307,846	421	116,490	55	8,373	218	109,485	98	$24,873	10	$1,690	24,930,532	40,438,171	1
1	600	94	65,478	4	1,760	2	416	.....	.....	.....	.....	.....	.....	599,557	979,041	2
.....	.....	32	22,826	1	312	.....	.....	.....	.....	.....	.....	.....	.....	382,948	489,620	3
.....	.....	35	6,528	1	200	.....	.....	.....	.....	.....	.....	.....	.....	36,737	62,000	4
13	6,267	571	341,714	50	16,260	5	741	2	1,146	.....	.....	.....	.....	3,149,907	4,937,454	5
.....	.....	29	12,928	5	1,200	.....	.....	.....	.....	.....	.....	.....	.....	99,190	139,075	6
.....	.....	23	12,420	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,399	58,300	7
.....	.....	34	16,774	3	624	1	78	2	830	.....	.....	.....	.....	179,074	243,439	8
.....	.....	102	42,485	3	676	.....	.....	.....	.....	.....	.....	.....	.....	200,140	352,533	9
6	1,914	270	140,957	16	4,327	1	75	.....	.....	5	1,300	.....	.....	821,277	1,346,776	10
6	2,384	147	65,129	36	7,392	.....	.....	.....	.....	.....	.....	.....	.....	572,793	1,064,718	11
1	500	42	30,886	4	1,628	.....	.....	.....	.....	.....	.....	.....	.....	297,852	463,049	12
11	4,995	425	229,959	16	4,095	10	2,090	.....	.....	.....	.....	.....	.....	2,255,767	3,496,628	13
1	520	73	35,718	2	625	2	374	.....	.....	.....	.....	.....	.....	369,917	533,315	14
3	1,508	526	286,794	64	15,194	6	600	1	150	.....	.....	.....	.....	1,506,519	2,391,947	15
22	8,157	1,479	818,741	148	43,810	7	1,264	121	60,227	55	13,460	.....	.....	6,395,947	9,801,124	16
10	4,063	551	306,418	28	7,585	10	1,320	13	7,280	18	5,460	10	1,690	2,587,173	4,528,764	17
19	10,138	1,448	718,496	38	10,312	4	665	77	39,591	20	4,653	.....	.....	4,617,170	8,214,780	18
1	300	21	12,386	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96,511	158,417	19
.....	.....	32	11,078	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28,633	71,183	20
.....	.....	31	20,144	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33,359	75,975	21
.....	.....	29	7,795	.....	.....	.....	.....	2	261	.....	.....	.....	.....	7,112	21,698	22
.....	.....	102	26,443	.....	.....	7	750	.....	.....	.....	.....	.....	.....	12,867	65,619	23
1	35	45	18,363	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	168,872	235,495	24
1	350	101	56,786	2	490	.....	.....	.....	.....	.....	.....	.....	.....	476,806	707,221	25

250.—PAPER. (See also Leather board; Pulp, wood, and Table 8.)

44	22,091	21,280	10,340,749	4,627	1,148,527	218	34,211	116	48,938	2,118	552,088	9	417	42,223,314	74,309,388	1
3	2,280	146	92,838	12	3,073	2	780	9	8,080	.....	.....	.....	.....	399,901	630,262	2
2	636	985	527,167	359	84,473	11	2,224	3	1,498	35	10,160	.....	.....	2,014,680	3,556,257	3
.....	.....	52	14,040	18	2,760	.....	.....	.....	.....	.....	.....	.....	.....	45,695	93,874	4
1	250	686	300,791	48	11,388	23	3,353	.....	.....	1	350	.....	.....	581,329	1,467,289	5
3	2,136	583	269,418	73	15,584	10	1,930	11	2,954	2	630	.....	.....	809,490	1,588,705	6
1	360	156	66,298	29	5,107	2	200	.....	.....	.....	.....	.....	.....	116,349	268,934	7
.....	.....	690	328,488	67	17,692	.....	.....	.....	.....	.....	.....	.....	.....	1,062,628	1,762,440	8
.....	.....	376	155,889	68	12,734	6	936	.....	.....	20	1,500	2	150	552,604	1,001,945	9
12	6,214	4,543	2,508,362	1,642	464,845	14	2,462	14	5,078	1,004	439,712	.....	.....	12,210,458	21,524,173	10
1	350	639	314,935	170	46,805	11	1,705	9	4,032	52	9,000	.....	.....	1,451,698	2,292,984	11
.....	.....	73	18,992	2	600	.....	.....	.....	.....	.....	.....	.....	.....	27,128	90,995	12
.....	.....	349	167,978	133	34,484	.....	.....	.....	.....	.....	.....	.....	.....	695,041	1,224,022	13
.....	.....	426	214,611	59	16,568	5	796	.....	.....	25	4,548	.....	.....	724,236	1,377,385	14
6	2,780	4,301	1,903,286	426	96,994	42	5,534	30	10,837	8	1,676	.....	.....	7,629,039	13,195,452	15
4	1,914	2,320	1,035,246	447	88,683	31	4,362	12	2,242	111	23,092	.....	.....	3,991,377	7,209,750	16
4	2,320	2,188	1,078,888	459	104,473	50	8,176	28	14,217	219	50,319	7	267	4,646,456	7,838,299	17
.....	.....	886	430,647	62	16,832	.....	.....	.....	.....	.....	.....	.....	.....	1,208,412	2,289,901	18
1	300	131	48,710	36	11,058	4	347	.....	.....	10	2,250	.....	.....	143,972	310,991	19
3	1,684	1,057	506,256	448	99,819	5	806	.....	.....	31	8,842	.....	.....	2,471,136	4,216,593	20
3	867	693	357,909	69	14,555	2	600	.....	.....	.....	.....	.....	.....	1,441,685	2,369,137	21

TABLE 5.—SPECIFIED INDUSTRIES, BY

251.—PAPER GOODS, NOT ELSEWHERE SPECIFIED.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	66	$2,922,449	$1,217,536	$115,550	$378,900	$723,086	$1,704,913	$234,325	1,647	$765,181	121	$150,174
2	Massachusetts	17	719,348	211,452	17,450	69,500	124,502	507,896	70,871	305	170,608	37	35,654
3	New Jersey	3	65,750	33,000	2,000	2,500	28,500	32,750	7,760	60	32,694	4	3,900
4	New York	16	1,319,648	678,850	81,000	218,500	379,350	640,798	101,465	807	355,941	38	73,640
5	Pennsylvania	12	112,205	38,130	.....	.....	38,130	74,075	12,872	76	30,376	10	6,670
6	Rhode Island	4	33,279	10,395	.....	.....	10,395	22,884	4,294	37	14,075	6	4,800
7	All other states (a)	14	672,219	245,709	15,100	88,400	142,209	426,510	37,063	362	161,487	26	25,510

a Includes establishments distributed as follows: Connecticut, 2; Illinois, 1; Indiana, 1; Iowa, 1; Maine, 2; Michigan, 2; New Hampshire, 1; Ohio, 2; Vermont, 1; Wisconsin, 1.

252.—PAPER HANGINGS.

1	The United States...	27	5,709,999	2,108,753	355,500	486,584	1,266,669	3,601,156	660,117	2,814	1,474,788	218	297,182
2	New York	15	3,981,343	1,304,610	210,500	301,584	792,526	2,676,733	524,634	2,061	1,089,851	157	223,211
3	Pennsylvania	8	1,570,209	718,479	145,000	185,000	388,479	851,730	110,276	602	503,909	56	67,687
4	All other states (a)	4	158,357	85,664	.....	.....	85,664	72,693	25,207	151	81,028	5	6,284

a Includes establishments distributed as follows: Maryland, 1; Massachusetts, 2; Wisconsin, 1.

253.—PAPER PATTERNS.

1	The United States...	27	156,106	18,690	2,500	3,550	12,640	137,416	54,857	448	153,738	30	40,860
2	Maryland	3	1,667	1,552	500	550	502	115	301	4	1,226	1	520
3	Massachusetts	3	9,875	5,450	2,000	3,000	450	4,425	906	8	4,865	2	2,280
4	Missouri	3	2,674	33	.....	.....	33	2,641	854	5	4,400	3	3,200
5	New York	8	128,860	10,555	.....	.....	10,555	118,305	49,247	410	131,697	18	28,820
6	Ohio	3	7,060	200	.....	.....	200	6,860	927	5	3,874	2	2,500
7	All other states (a)	7	5,970	900	.....	.....	900	5,070	2,622	16	7,676	4	3,540

a Includes establishments distributed as follows: California, 2; Connecticut, 1; Illinois, 2; Minnesota, 2.

254.—PATENT MEDICINES AND COMPOUNDS. (See also Druggists' preparations, not including prescriptions.)

1	The United States...	1,127	18,596,823	5,275,507	1,700,721	1,833,970	1,740,816	13,321,316	7,063,311	9,390	5,094,202	2,029	2,007,911
2	Arkansas	4	14,350	350	.....	.....	350	14,000	3,395	19	10,946	6	5,632
3	California	51	456,898	218,481	152,751	27,000	38,730	238,417	101,010	236	133,274	56	50,702
4	Connecticut	22	283,637	58,264	10,100	32,000	16,164	225,373	57,357	564	378,187	33	41,496
5	District of Columbia	8	49,400	32,120	23,000	6,000	3,120	17,280	2,505	20	10,862	6	4,080
6	Georgia	14	254,386	53,855	9,600	23,200	21,055	200,531	331,786	131	61,695	34	32,327
7	Illinois	65	911,193	489,626	265,000	175,900	48,726	421,567	296,131	413	234,614	96	95,786
8	Indiana	38	169,968	52,920	9,800	16,500	26,620	117,048	51,394	280	116,666	51	40,954
9	Iowa	20	253,527	38,967	6,600	20,700	11,667	214,560	37,716	349	205,335	47	36,763
10	Kansas	4	13,253	1,266	.....	.....	1,266	11,987	5,247	23	8,759	9	6,240
11	Kentucky	18	50,546	11,821	1,100	2,900	7,821	38,725	17,022	62	24,682	24	16,600
12	Louisiana	9	185,722	17,750	2,000	2,500	13,250	167,972	40,549	86	48,560	24	25,444
13	Maine	16	82,299	25,120	7,750	12,350	5,020	57,179	34,761	46	17,025	15	8,351
14	Maryland	23	902,810	254,935	52,500	78,900	123,535	647,875	295,533	711	249,608	37	27,732
15	Massachusetts	123	1,615,478	475,996	100,700	140,450	234,846	1,139,482	1,431,463	1,027	539,917	182	182,723
16	Michigan	34	632,763	362,935	63,750	103,325	195,860	269,828	113,753	212	105,265	62	56,598
17	Minnesota	32	164,032	24,719	7,350	8,650	8,719	139,313	78,332	119	62,352	47	35,847
18	Missouri	66	1,718,132	221,077	50,350	78,120	92,607	1,497,055	467,960	672	444,118	197	225,634
19	Nebraska	6	174,385	46,700	33,000	10,100	3,600	127,685	23,719	36	26,505	17	16,885
20	New Hampshire	13	148,275	9,025	2,950	3,100	2,975	139,250	7,397	46	18,285	18	12,435
21	New Jersey	18	175,485	53,630	12,800	22,700	18,130	121,855	13,981	69	36,296	22	18,362
22	New York	227	4,565,538	1,547,177	494,925	630,650	421,602	3,018,361	2,003,686	2,006	1,149,514	462	501,576
23	North Carolina	3	21,945	920	800	100	20	21,025	5,141	44	10,876	1	70
24	Ohio	73	590,138	207,517	60,550	96,625	50,342	382,621	281,415	456	205,465	110	100,380
25	Oregon	5	65,495	5,800	100	150	5,550	59,695	7,248	31	21,122	11	10,600
26	Pennsylvania	126	3,011,355	685,643	211,820	176,330	297,493	2,325,712	830,418	939	551,749	233	250,966
27	Rhode Island	14	863,076	77,566	33,000	25,200	19,366	785,510	10,897	81	57,224	28	30,768
28	Tennessee	14	387,200	65,562	34,800	11,300	19,462	321,638	56,689	224	114,663	51	49,086
29	Texas	22	149,460	42,230	18,300	12,500	11,430	107,230	44,861	77	52,790	29	29,111
30	Vermont	13	413,660	123,650	17,625	87,600	18,425	290,010	323,837	205	104,567	46	40,527
31	Virginia	9	27,894	13,985	2,500	8,500	2,985	13,909	14,581	32	20,702	16	15,850
32	West Virginia	4	81,170	8,170	2,000	1,920	4,250	73,000	12,821	28	12,782	14	8,576
33	Wisconsin	22	107,008	22,585	4,700	6,900	10,985	84,423	54,080	100	41,505	31	21,489
34	All other states and territories. (a)	11	56,345	25,145	8,500	11,800	4,845	31,200	6,626	52	18,292	14	8,327

a Includes establishments distributed as follows: Alabama, 2; Colorado, 1; Florida, 1; North Dakota, 2; South C[illegible]

STATES AND TERRITORIES: 1890—Continued.

251.—PAPER GOODS, NOT ELSEWHERE SPECIFIED.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
7	$3,654	881	$440,462	385	$100,624	95	$14,523	90	$39,076	54	$14,484	14	$2,184	$2,627,454	$4,179,235	1
3	1,844	191	109,115	63	22,083	10	1,600	.....	.....	1	312	.....	.....	821,776	1,176,646	2
.....	.....	55	28,698	.....	.....	1	96	.....	.....	.....	.....	.....	.....	128,881	193,500	3
2	936	454	216,218	200	43,781	56	7,575	11	4,085	32	7,522	14	2,184	1,128,832	1,773,965	4
.....	.....	34	15,432	27	6,610	.....	.....	2	728	3	936	.....	.....	143,581	223,811	5
.....	.....	4	3,141	14	2,850	6	1,000	.....	.....	7	2,284	.....	.....	14,633	40,668	6
2	874	143	67,858	81	25,300	22	4,252	77	34,263	11	3,430	.....	.....	389,751	770,615	7

252.—PAPER HANGINGS.

12	5,452	1,961	1,044,155	240	59,015	276	30,544	102	27,340	3	1,800	2	300	3,572,027	7,431,726	1
7	3,580	1,398	759,555	225	54,815	191	28,590	78	18,000	3	1,800	2	300	2,318,469	5,265,230	2
5	1,872	418	210,056	14	4,000	85	10,954	24	9,340	.....	.....	.....	.....	1,063,007	1,759,290	3
.....	.....	145	74,544	1	200	.....	.....	.....	.....	.....	.....	.....	.....	190,551	407,200	4

253.—PAPER PATTERNS.

9	4,352	46	35,558	361	72,422	1	156	1	390	.....	.....	.....	.....	85,269	377,456	1
2	556	1	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200	2,400	2
1	416	2	1,248	3	921	.....	.....	.....	.....	.....	.....	.....	.....	1,992	10,500	3
1	1,000	1	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,166	11,450	4
1	750	38	32,066	351	69,515	1	156	1	390	.....	.....	.....	.....	77,150	323,900	5
.....	.....	3	1,374	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	909	11,100	6
4	1,630	1	520	7	1,986	.....	.....	.....	.....	.....	.....	.....	.....	1,792	18,100	7

254.—PATENT MEDICINES AND COMPOUNDS. (See also Druggists' preparations, not including prescriptions.)

303	130,908	3,988	2,177,014	2,190	558,554	145	21,113	243	75,501	480	122,336	12	865	11,030,916	32,620,182	1
.....	.....	13	5,314	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,715	31,322	2
3	2,620	147	72,736	15	4,938	3	390	6	1,888	.....	.....	.....	.....	134,134	634,181	3
.....	.....	444	309,843	83	26,280	3	368	.....	.....	1	200	.....	.....	302,098	921,271	4
2	850	10	5,432	2	500	.....	.....	.....	.....	.....	.....	.....	.....	9,025	33,620	5
1	480	63	23,992	27	4,576	6	320	.....	.....	.....	.....	.....	.....	180,147	837,495	6
18	9,986	154	88,256	117	33,456	7	1,198	13	4,000	6	1,892	2	40	432,376	1,529,743	7
4	1,158	65	34,220	78	14,809	.....	.....	51	20,050	29	5,350	2	125	139,061	459,644	8
1	600	256	156,995	45	10,977	.....	.....	.....	.....	.....	.....	.....	.....	140,417	553,937	9
1	780	3	925	4	364	.....	.....	6	450	.....	.....	.....	.....	7,057	29,860	10
3	1,650	14	4,162	15	1,350	5	620	1	300	.....	.....	.....	.....	41,199	105,143	11
.....	.....	37	19,216	25	3,900	.....	.....	.....	.....	.....	.....	.....	.....	76,072	274,930	12
.....	.....	17	6,077	11	1,907	1	150	2	540	.....	.....	.....	.....	54,191	155,385	13
16	3,745	256	140,332	351	73,168	3	401	2	750	46	3,540	.....	.....	784,320	1,964,463	14
71	30,462	500	244,994	168	49,022	8	1,152	5	1,866	90	28,573	3	225	1,430,193	4,178,915	15
3	1,144	95	38,255	25	5,054	8	1,449	19	2,705	.....	.....	.....	.....	329,261	674,995	16
4	1,262	55	23,344	7	1,195	1	34	2	520	1	125	2	25	61,590	286,621	17
22	11,716	237	153,852	173	44,525	22	3,511	1	200	20	4,680	.....	.....	761,127	2,518,816	18
1	480	14	8,850	3	240	.....	.....	1	50	.....	.....	.....	.....	1,181,271	1,267,600	19
2	380	10	2,965	12	2,405	.....	.....	.....	.....	4	100	.....	.....	27,675	135,550	20
5	2,134	26	11,319	8	1,784	2	357	6	2,340	.....	.....	.....	.....	63,633	165,822	21
77	32,269	668	385,367	606	182,952	19	5,176	100	28,133	74	14,041	.....	.....	2,202,079	8,032,938	22
1	346	42	10,460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,333	26,800	23
16	4,871	164	72,803	121	21,246	29	2,580	.....	.....	16	3,585	.....	.....	469,495	1,270,009	24
1	600	14	8,914	5	1,008	.....	.....	.....	.....	.....	.....	.....	.....	23,840	68,975	25
36	16,606	328	187,900	184	49,401	11	1,561	24	10,049	120	34,816	3	450	1,340,956	4,084,660	26
2	1,074	29	17,974	19	6,732	1	156	.....	.....	2	520	.....	.....	77,037	336,363	27
6	1,915	119	55,258	30	5,039	10	1,365	.....	.....	8	2,000	.....	.....	182,185	523,662	28
.....	.....	46	22,679	.....	.....	.....	.....	2	1,000	.....	.....	.....	.....	79,458	262,108	29
2	1,200	80	36,510	15	3,616	.....	.....	.....	.....	62	22,714	.....	.....	276,494	777,111	30
1	360	11	3,628	4	864	.....	.....	.....	.....	.....	.....	.....	.....	12,812	57,501	31
.....	.....	7	2,744	7	1,468	.....	.....	.....	.....	.....	.....	.....	.....	38,370	89,560	32
2	1,320	38	13,658	24	4,338	3	200	1	300	1	200	.....	.....	41,013	213,194	33
2	900	26	8,040	6	600	3	125	1	300	.....	.....	.....	.....	65,032	126,970	34

TABLE 5.—SPECIFIED INDUSTRIES, BY

255.—PAVING AND PAVING MATERIALS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	704	$12,648,093	$4,689,540	$1,307,336	$552,284	$2,829,920	$7,958,553	$1,147,235	22,730	$10,450,970	1,001	$1,021,570
2	Alabama	5	8,760	575	.....	75	500	8,185	6,108	59	20,674	5	2,472
3	California	34	588,550	158,090	17,900	2,350	137,840	430,460	42,373	882	678,157	67	91,958
4	Colorado	3	76,693	36,297	4,500	3,500	28,297	40,396	5,558	49	34,450	4	5,732
5	Connecticut	25	164,775	73,615	28,000	5,025	39,600	91,160	23,425	459	229,688	35	29,400
6	District of Columbia	11	524,787	209,756	47,500	10,208	152,048	315,031	47,551	878	404,523	35	30,017
7	Georgia	5	67,328	49,328	38,598	3,630	7,100	18,000	6,700	422	176,230	5	4,570
8	Illinois	24	1,777,904	833,283	310,950	127,950	394,383	944,621	143,892	1,969	1,049,216	83	96,757
9	Indiana	21	123,310	66,036	17,009	6,075	42,952	57,274	8,602	285	88,171	22	10,570
10	Iowa	17	84,010	33,370	12,950	6,050	14,370	50,640	9,803	620	247,445	15	10,640
11	Kansas	9	513,344	305,198	.....	.....	305,198	208,146	34,678	267	114,741	10	7,835
12	Kentucky	34	262,189	75,208	10,600	13,850	50,758	186,981	34,327	459	269,012	36	34,670
13	Louisiana	11	96,887	31,908	1,400	1,500	29,008	64,979	6,445	83	50,130	12	10,305
14	Maine	15	77,945	31,055	9,800	9,975	11,280	46,890	2,576	261	98,442	22	10,231
15	Maryland	5	32,680	8,090	.....	.....	8,090	24,590	2,516	64	25,238	4	2,747
16	Massachusetts	40	294,541	97,627	8,850	7,925	80,852	196,914	33,887	549	267,878	45	35,264
17	Michigan	32	208,316	77,326	28,351	8,705	40,270	130,990	15,074	978	218,604	38	20,582
18	Minnesota	29	544,566	186,818	92,940	25,828	68,050	357,748	18,809	1,209	555,448	50	50,872
19	Missouri	28	269,778	112,641	16,000	21,050	75,591	157,137	27,090	578	234,135	25	21,988
20	Nebraska	8	236,043	30,717	.....	.....	30,717	205,326	29,471	241	139,515	12	17,730
21	New Hampshire	3	15,088	6,550	3,300	1,400	1,850	8,538	1,591	29	8,617	.....	.....
22	New Jersey	14	286,769	101,068	4,000	3,800	92,368	185,701	12,573	310	186,370	15	19,506
23	New York	74	2,257,484	758,818	174,768	99,019	485,031	1,498,666	252,487	3,598	1,585,382	154	187,651
24	North Carolina	3	3,605	2,055	1,300	400	355	1,550	70	15	4,500	.....	.....
25	Ohio	94	1,257,309	312,169	91,015	50,869	170,285	945,140	62,203	3,282	1,331,114	119	133,093
26	Oregon	11	163,010	103,550	56,250	28,600	18,700	60,300	16,612	202	157,023	15	20,520
27	Pennsylvania	96	1,629,256	559,384	78,300	61,425	419,659	1,069,872	203,775	3,106	1,502,713	113	115,952
28	Rhode Island	5	34,590	13,121	1,000	2,400	9,721	21,469	5,618	98	48,238	8	5,912
29	Tennessee	5	55,855	27,755	11,555	4,000	12,200	28,100	2,924	182	53,408	5	4,543
30	Texas	10	105,910	36,450	9,200	4,500	22,750	69,460	11,267	448	249,892	12	14,630
31	Virginia	4	12,545	7,010	400	1,000	5,610	5,535	5,720	105	38,750	4	4,095
32	Wisconsin	22	761,486	275,822	169,400	39,675	66,747	485,664	68,929	831	373,364	23	17,260
33	All other states and territories. (a)	7	111,880	68,850	60,600	600	7,650	43,030	4,482	212	69,907	8	4,068

a Includes establishments distributed as follows: Arkansas, 1; Delaware, 1; Mississippi, 1; Utah, 1; Vermont, 2; Washington, 1.

256.—PENCIL CASES.

1	The United States (a)...	6	66,625	21,000	.....	.....	21,000	45,625	5,919	89	60,088	10	13,080

a Includes establishments distributed as follows: New Jersey, 2; New York, 4.

257.—PENCILS, LEAD.

1	The United States (a)...	5	3,100,836	936,000	270,000	373,000	293,000	2,164,836	154,528	1,452	580,750	66	126,500

a Includes establishments distributed as follows: New Jersey, 1; New York, 3; Rhode Island, 1.

258.—PENS, FOUNTAIN AND STYLOGRAPHIC.

1	The United States...	15	142,265	43,325	3,100	3,600	36,625	98,940	12,380	176	102,799	23	28,434
2	Massachusetts	3	2,525	725	.....	.....	725	1,800	1,130	11	6,456	3	1,828
3	New York	8	22,080	11,900	1,500	1,000	9,400	10,180	2,767	50	39,202	12	14,230
4	All other states (a)	4	117,660	30,700	1,600	2,600	26,500	86,960	8,483	115	57,141	8	12,376

a Includes establishments distributed as follows: Connecticut, 1; Illinois, 1; Pennsylvania, 1; Rhode Island, 1.

259.—PENS, GOLD.

1	The United States...	18	473,964	149,120	12,000	8,000	129,120	324,844	82,753	363	260,669	58	72,900
2	New York	12	386,885	115,100	.....	.....	115,100	271,785	76,496	245	192,065	39	54,100
3	All other states (a)	6	87,079	34,020	12,000	8,000	14,020	53,059	6,257	118	68,604	17	18,800

a Includes establishments distributed as follows: California, 1; Massachusetts, 1; Michigan, 1; Nebraska, 1; Ohio, 1; Rhode Island, 1.

STATES AND TERRITORIES: 1890—Continued.

255.—PAVING AND PAVING MATERIALS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
9	$4,102	21,156	$9,182,112	1	$312	16	$2,023	547	$240,851	.....	.....	.....	.....	$13,891,005	$30,644,072	1
.....	.....	44	17,452	.....	.....	.....	.....	10	750	.....	.....	.....	.....	42,708	90,530	2
1	600	814	585,599	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	890,668	1,888,244	3
.....	.....	45	28,718	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37,421	109,620	4
.....	.....	420	197,048	.....	.....	.....	.....	4	3,240	.....	.....	.....	.....	152,591	465,059	5
.....	.....	840	373,162	.....	.....	.....	.....	3	1,344	.....	.....	.....	.....	387,890	993,415	6
.....	.....	373	134,160	.....	.....	12	1,500	32	36,000	.....	.....	.....	.....	184,497	513,648	7
.....	.....	1,885	952,147	1	312	.....	.....	.....	.....	.....	.....	.....	.....	2,182,638	3,872,618	8
.....	.....	259	75,061	.....	.....	.....	.....	4	2,540	.....	.....	.....	.....	118,222	276,744	9
.....	.....	603	235,805	.....	.....	.....	.....	2	1,000	.....	.....	.....	.....	385,765	695,588	10
.....	.....	252	105,906	.....	.....	.....	.....	5	1,000	.....	.....	.....	.....	197,423	428,915	11
.....	.....	422	174,142	.....	.....	.....	.....	1	200	.....	.....	.....	.....	278,559	643,485	12
.....	.....	71	39,825	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76,397	176,015	13
.....	.....	135	46,179	.....	.....	1	87	103	41,945	.....	.....	.....	.....	6,539	111,280	14
.....	.....	30	11,051	.....	.....	.....	.....	30	11,440	.....	.....	.....	.....	43,467	99,353	15
.....	.....	503	222,559	.....	.....	.....	.....	1	50	.....	.....	.....	.....	262,884	681,223	16
.....	.....	940	198,022	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	402,061	777,051	17
.....	.....	1,158	503,876	.....	.....	.....	.....	1	700	.....	.....	.....	.....	519,522	1,259,765	18
.....	.....	553	212,147	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	314,237	668,383	19
.....	.....	229	121,785	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	286,331	585,389	20
.....	.....	29	8,617	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,747	24,650	21
.....	.....	295	166,864	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	366,026	664,724	22
3	1,700	3,410	1,386,875	.....	.....	3	436	28	8,720	.....	.....	.....	.....	1,539,395	4,338,345	23
.....	.....	14	4,400	.....	.....	.....	.....	1	100	.....	.....	.....	.....	4,193	9,900	24
5	1,802	3,012	1,123,044	.....	.....	.....	.....	146	73,175	.....	.....	.....	.....	1,808,228	3,695,398	25
.....	.....	181	133,503	.....	.....	.....	.....	6	3,000	.....	.....	.....	.....	158,600	368,000	26
.....	.....	2,962	1,372,510	.....	.....	.....	.....	31	14,251	.....	.....	.....	.....	2,140,942	4,807,587	27
.....	.....	90	42,326	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,864	107,969	28
.....	.....	177	48,865	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79,450	185,500	29
.....	.....	436	235,262	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	202,578	623,640	30
.....	.....	101	34,655	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32,767	94,575	31
.....	.....	769	343,958	.....	.....	.....	.....	39	12,146	.....	.....	.....	.....	729,645	1,272,499	32
.....	.....	104	36,589	.....	.....	.....	.....	100	29,250	.....	.....	.....	.....	24,750	114,960	33

256.—PENCIL CASES.

.....	.....	74	45,540	5	1,468	.....	.....	.....	.....	.....	.....	.....	.....	50,491	164,450	1

257.—PENCILS, LEAD.

8	3,800	434	246,311	299	70,246	267	40,360	49	18,170	333	$74,163	6	$1,200	796,378	1,687,560	1

258.—PENS, FOUNTAIN AND STYLOGRAPHIC.

1	468	107	58,003	21	4,835	.....	.....	21	9,819	3	1,240	.....	.....	123,214	351,775	1
.....	.....	8	4,628	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,817	22,675	2
.....	.....	37	24,072	.....	.....	.....	.....	1	900	.....	.....	.....	.....	32,470	105,700	3
1	468	62	29,303	21	4,835	.....	.....	20	8,919	3	1,240	.....	.....	85,927	223,400	4

259.—PENS, GOLD.

6	2,224	239	151,385	23	6,952	1	104	38	27,104	.....	.....	.....	.....	235,628	718,070	1
2	624	179	120,513	10	3,620	1	104	14	13,104	.....	.....	.....	.....	165,044	515,254	2
4	1,600	60	30,872	13	3,332	.....	.....	24	14,000	.....	.....	.....	.....	70,584	202,816	3

TABLE 5.—SPECIFIED INDUSTRIES, BY

260.—PENS, STEEL.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.	Officers, firm members, and clerks. Males above 16 years. Number.	Wages.
1	The United States(a)...	3	$399,182	$176,115	$36,000	$52,672	$87,443	$223,067	$6,295	511	$152,175	15	$20,143

a Includes establishments distributed as follows: Connecticut, 1; New Jersey, 1; Pennsylvania, 1.

261.—PERFUMERY AND COSMETICS. (See also Druggists' preparations, not including prescriptions.)

1	The United States...	157	2,238,901	545,878	96,450	149,875	299,553	1,693,023	421,335	1,755	877,679	325	353,896
2	California	8	24,540	7,005	2,000	3,000	2,005	17,535	4,098	27	13,105	5	3,477
3	Connecticut	4	23,330	13,920	2,500	6,500	4,920	9,410	747	19	10,250	6	5,150
4	Illinois	11	116,510	52,570	25,000	10,000	17,570	63,940	28,601	156	68,462	20	15,306
5	Maryland	5	13,868	2,628	.....	.....	2,628	11,240	2,038	29	9,020	2	2,424
6	Massachusetts	14	62,359	9,145	400	1,300	7,445	53,214	73,096	77	30,216	15	10,061
7	Michigan	4	112,524	20,018	.....	.....	20,018	92,508	8,368	92	50,240	11	9,080
8	Minnesota	3	3,986	1,010	.....	.....	1,010	2,970	1,010	8	4,990	3	2,100
9	Missouri	4	36,855	2,200	.....	.....	2,200	34,655	34,129	60	26,555	7	8,900
10	New Jersey	3	53,260	30,510	5,000	15,000	10,510	22,750	1,670	86	42,476	6	9,068
11	New York	61	1,224,765	244,817	24,700	69,000	151,117	979,948	182,129	795	429,558	160	199,879
12	Ohio	3	72,295	33,020	12,000	7,000	14,020	39,275	2,065	22	12,920	6	3,850
13	Pennsylvania	21	324,577	85,085	13,900	28,000	43,185	239,492	62,596	279	131,436	59	66,309
14	All other states(a)	16	170,038	43,950	10,950	10,075	22,925	126,088	20,788	105	48,451	25	18,172

a Includes establishments distributed as follows: Florida, 2; Georgia, 2; Indiana, 2; Iowa, 1; Kansas, 1; Louisiana, 2; Maine, 1; Rhode Island, 1; Vermont, 2; Virginia, 1; Wisconsin, 1.

262.—PETROLEUM, REFINING. (See special report on Refining of petroleum in Part III.)

1	The United States...	94	77,416,296	35,127,700	7,886,668	6,403,994	20,837,038	42,288,596	2,069,268	12,471	6,989,478	1,035	1,102,892
2	New Jersey	4	16,500,730	9,295,985	2,605,740	1,678,545	5,011,700	7,204,745	241,188	2,703	1,618,501	93	148,913
3	New York	9	24,166,205	10,153,412	2,395,743	1,607,786	6,149,883	14,012,793	576,161	3,490	2,015,544	367	378,240
4	Ohio	15	15,871,138	6,320,561	1,269,143	1,216,585	3,834,833	9,550,577	590,858	2,281	1,200,991	302	271,010
5	Pennsylvania	55	17,082,606	7,284,850	1,180,598	1,464,680	4,639,662	9,797,756	543,668	3,496	1,735,257	209	230,305
6	West Virginia	4	1,348,322	636,679	208,368	101,999	266,312	711,043	42,834	221	90,992	22	18,474
7	All other states (a)	7	2,447,295	1,436,213	227,166	274,399	934,648	1,011,082	74,559	280	232,193	42	55,350

a Includes establishments distributed as follows: California, 2; Colorado, 2; Maryland, 2; Massachusetts, 1.

263.—PHONOGRAPHS AND GRAPHOPHONES. (See "All other industries", at end of table.)

264.—PHOTOGRAPHIC APPARATUS.

1	The United States...	25	362,834	108,851	7,100	12,800	88,951	253,983	28,263	549	308,939	40	44,560
2	Michigan	3	17,689	6,125	.....	.....	6,125	11,564	1,990	26	10,788	2	2,520
3	New York	14	179,970	66,350	100	400	65,850	113,620	14,540	364	201,092	26	27,200
4	All other states and territories. (a)	8	165,175	36,376	7,000	12,400	16,976	128,799	11,733	159	97,059	12	14,840

a Includes establishments distributed as follows: Connecticut, 1; District of Columbia, 1; Illinois, 2; Massachusetts, 1; New Jersey, 2; Ohio, 1.

265.—PHOTOGRAPHIC MATERIALS.

1	The United States...	45	1,172,640	459,179	104,600	132,413	222,166	713,461	91,356	899	538,266	110	115,868
2	California	3	63,985	57,350	44,500	12,000	850	6,635	628	5	3,700	2	1,720
3	Massachusetts	8	171,700	68,800	8,400	21,000	39,400	102,900	14,186	138	104,415	24	25,100
4	Missouri	3	403,300	115,300	25,000	50,000	40,300	288,000	22,800	274	172,302	25	31,960
5	New York	11	315,621	125,000	15,500	32,000	77,500	190,821	29,778	237	149,052	30	30,460
6	Pennsylvania	7	132,216	73,125	10,000	14,838	48,287	59,091	15,489	104	52,058	11	9,741
7	All other states (a)	13	85,818	19,604	1,200	2,575	15,829	66,214	8,475	93	50,739	18	16,887

a Includes establishments distributed as follows: Connecticut, 2; Illinois, 2; Indiana, 1; Kansas, 2; Maine, 2; New Jersey, 2; Ohio, 1; Wisconsin, 1.

STATES AND TERRITORIES: 1890—Continued.

260.—PENS, STEEL.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	66	$40,272	2	$728	33	$5,249	75	$19,635	320	$66,148	.....	.....	$56,630	$268,259	1

261.—PERFUMERY AND COSMETICS. (See also Druggists' preparations, not including prescriptions.)

34	$22,263	528	274,192	760	199,676	13	1,682	14	3,964	78	21,206	3	$800	2,128,420	4,630,141	1
2	1,300	10	5,780	10	2,518	.....	.....	.....	.....	.....	.....	.....	.....	24,210	63,905	2
.....	.....	7	3,950	6	1,150	.....	.....	.....	.....	.....	.....	.....	.....	16,691	36,816	3
1	780	54	29,244	79	22,760	2	312	.....	.....	.....	.....	.....	.....	114,170	319,050	4
1	260	6	2,800	18	3,276	2	260	.....	.....	.....	.....	.....	.....	41,987	67,009	5
2	780	20	7,738	39	11,481	1	156	.....	.....	.....	.....	.....	.....	118,154	335,444	6
.....	.....	67	38,432	8	2,216	6	512	.....	.....	.....	.....	.....	.....	124,414	235,000	7
1	950	3	1,740	1	200	.....	.....	.....	.....	.....	.....	.....	.....	3,524	11,495	8
.....	.....	4	1,856	49	15,799	.....	.....	.....	.....	.....	.....	.....	.....	30,295	107,400	9
.....	.....	39	21,916	41	11,492	.....	.....	.....	.....	.....	.....	.....	.....	128,870	215,150	10
23	15,205	201	107,772	390	97,582	.....	.....	4	2,464	17	6,656	.....	.....	1,099,807	2,194,657	11
.....	.....	13	8,136	2	700	1	234	.....	.....	.....	.....	.....	.....	59,695	129,152	12
3	988	57	26,612	86	20,659	1	208	9	1,250	61	14,550	3	800	265,831	639,250	13
1	2,000	47	18,216	31	9,813	.....	.....	1	250	.....	.....	.....	.....	100,772	275,813	14

262.—PETROLEUM, REFINING. (See special report on Refining of petroleum in Part III.)

33	14,119	9,227	5,077,917	2	622	500	81,635	1,658	708,820	.....	.....	16	3,473	67,918,723	85,001,198	1
.....	.....	2,011	1,244,994	.....	.....	.....	.....	599	224,594	.....	.....	.....	.....	16,474,022	20,711,826	2
27	11,239	2,661	1,477,187	.....	.....	88	15,755	339	131,490	.....	.....	8	1,624	20,979,247	25,786,841	3
3	1,520	1,689	884,700	.....	.....	84	16,502	195	114,810	.....	.....	8	1,849	12,517,255	16,343,493	4
3	1,360	2,479	1,229,978	2	622	316	48,478	487	224,514	.....	.....	.....	.....	15,906,919	18,498,777	5
.....	.....	154	66,367	.....	.....	10	600	35	11,531	.....	.....	.....	.....	951,576	1,171,374	6
.....	.....	233	174,671	.....	.....	2	300	3	1,872	.....	.....	.....	.....	1,989,704	2,488,887	7

263.—PHONOGRAPHS AND GRAPHOPHONES. (See "All other industries", at end of table.)

264.—PHOTOGRAPHIC APPARATUS.

3	1,624	429	244,182	58	12,700	12	1,512	7	4,361	.....	.....	.....	.....	164,620	624,342	1
.....	.....	24	8,268	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,257	21,433	2
1	624	302	169,568	25	2,500	10	1,206	.....	.....	.....	.....	.....	.....	115,226	396,159	3
2	1,000	103	66,346	33	10,200	2	312	7	4,361	.....	.....	.....	.....	44,137	206,750	4

265.—PHOTOGRAPHIC MATERIALS.

6	2,150	536	333,309	192	60,935	2	338	51	25,106	2	560	.....	.....	1,107,269	2,121,387	1
.....	.....	3	1,980	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,975	35,300	2
1	350	112	64,465	49	14,500	.....	.....	.....	.....	.....	.....	.....	.....	182,598	347,750	3
.....	.....	191	114,152	58	26,190	.....	.....	.....	.....	.....	.....	.....	.....	467,630	812,000	4
5	1,800	142	103,602	58	12,630	.....	.....	.....	.....	2	560	.....	.....	188,630	450,200	5
.....	.....	21	12,118	20	4,963	1	130	51	25,106	.....	.....	.....	.....	100,579	228,426	6
.....	.....	67	36,992	7	2,652	1	208	.....	.....	.....	.....	.....	.....	141,857	247,711	7

TABLE 5.—SPECIFIED INDUSTRIES, BY

266.—PHOTOGRAPHY.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.	Males above 16 years.	
												Number.	Wages.
1	The United States...	3,105	$7,804,532	$5,080,305	$614,670	$684,504	$3,781,131	$2,724,227	$1,592,786	10,432	$6,405,871	3,143	$2,773,456
2	Alabama	20	37,485	21,450	1,800	1,900	20,750	13,035	9,569	56	28,625	18	13,234
3	Arkansas	10	17,305	12,815	15	850	11,950	4,490	4,266	23	17,745	10	9,809
4	California	76	216,108	126,005	6,600	7,300	112,105	90,103	60,801	283	218,136	80	85,213
5	Colorado	5	16,085	12,500	4,000	1,500	7,000	3,585	3,300	8	8,100	4	4,700
6	Connecticut	91	190,077	109,514	9,650	13,800	86,064	80,563	36,532	242	139,678	63	44,538
7	Delaware	7	37,145	32,000	8,000	10,000	14,000	5,145	4,526	20	14,792	7	6,424
8	District of Columbia	29	137,185	56,950	6,000	8,200	41,850	81,135	21,890	143	83,139	32	27,603
9	Florida	4	8,590	7,500	----	----	7,500	1,090	1,748	14	9,614	6	5,525
10	Georgia	37	33,317	15,650	----	----	15,650	17,667	9,639	70	35,764	30	17,760
11	Illinois	248	691,546	485,270	112,270	95,510	277,490	206,276	137,808	889	562,952	264	242,558
12	Indiana	131	188,322	128,209	17,920	24,459	85,890	60,053	38,793	324	199,477	130	110,649
13	Iowa	94	175,513	129,061	12,075	19,400	97,586	46,452	29,788	233	127,695	103	75,370
14	Kansas	53	66,660	47,450	1,900	6,400	39,150	19,210	12,829	89	46,849	40	24,237
15	Kentucky	48	88,653	57,565	7,515	6,800	43,250	31,088	18,079	124	70,956	39	33,362
16	Louisiana	26	53,528	32,300	1,150	1,700	29,450	21,228	20,491	99	62,595	25	24,061
17	Maine	43	67,783	41,623	40	1,800	39,783	26,160	13,028	109	62,725	46	34,868
18	Maryland	41	85,859	63,655	9,700	12,300	41,655	22,204	19,031	158	77,784	37	31,568
19	Massachusetts	289	625,931	406,845	21,650	23,000	362,195	219,086	181,675	947	567,115	259	210,101
20	Michigan	132	304,982	221,850	19,050	45,500	157,300	83,132	49,160	414	231,863	132	106,237
21	Minnesota	105	240,916	172,445	16,915	36,290	119,240	68,471	53,448	329	209,901	116	105,470
22	Mississippi	11	21,430	16,130	3,600	4,400	8,130	5,300	2,864	16	10,670	11	8,791
23	Missouri	119	359,325	239,796	42,250	35,000	162,546	119,529	85,497	452	285,605	115	105,870
24	Montana	9	20,475	16,200	----	----	16,200	4,275	7,487	24	19,960	8	7,216
25	Nebraska	43	86,506	68,405	12,200	8,600	47,605	18,101	21,088	122	80,661	41	36,112
26	New Hampshire	39	236,191	127,845	5,800	25,700	96,345	108,346	14,417	138	68,889	37	25,684
27	New Jersey	79	217,257	153,175	46,325	21,550	85,300	64,082	30,052	238	131,727	69	60,457
28	New York	484	1,414,713	829,888	73,785	65,750	690,353	584,825	295,372	1,945	1,325,982	572	572,734
29	North Carolina	7	8,440	4,325	----	----	4,325	4,115	1,268	11	3,604	4	1,774
30	North Dakota	6	21,300	19,950	7,200	9,300	3,450	1,350	1,635	11	7,096	3	2,420
31	Ohio	257	436,954	275,577	15,800	21,710	238,067	161,377	105,115	839	476,629	287	230,656
32	Oregon	10	41,625	19,750	----	----	19,750	21,875	12,134	59	44,004	12	16,500
33	Pennsylvania	265	988,665	662,327	109,700	126,950	425,677	326,338	156,998	1,126	643,345	257	235,721
34	Rhode Island	33	98,575	72,615	2,000	1,500	69,115	25,960	18,164	115	76,395	25	30,518
35	South Carolina	10	36,705	28,150	----	----	28,150	8,555	4,479	31	16,117	10	8,669
36	South Dakota	4	6,415	3,950	----	----	3,950	2,465	1,119	8	3,840	3	1,820
37	Tennessee	29	83,855	56,350	9,000	12,500	34,850	27,505	20,546	107	71,974	35	30,732
38	Texas	50	98,344	72,010	8,260	9,085	54,665	26,334	22,561	139	95,666	51	49,174
39	Vermont	22	37,310	27,150	300	1,000	25,850	10,160	6,026	51	26,443	21	15,459
40	Virginia	21	40,383	23,900	50	250	23,600	16,483	12,738	71	41,804	21	16,714
41	Washington	12	12,885	10,400	50	700	9,650	2,485	5,241	33	30,220	14	17,508
42	West Virginia	10	34,876	21,870	----	----	21,870	13,006	5,507	40	22,876	11	10,864
43	Wisconsin	89	192,076	127,825	17,100	21,800	88,925	64,251	32,282	264	136,878	90	70,747
44	Wyoming	4	14,402	9,700	----	----	9,700	4,702	2,395	6	4,248	3	2,480
45	All other states and territories. (a)	3	12,835	10,200	5,000	2,000	3,200	2,635	1,400	12	5,742	2	1,560

a Includes establishments distributed as follows: Idaho, 1; Utah, 2.

267.—PHOTOLITHOGRAPHING AND ENGRAVING. (See also Lithographing and engraving; Stereotyping and electrotyping.)

1	The United States...	89	1,134,873	604,378	7,000	6,500	590,878	530,495	145,059	1,352	988,898	192	221,443
2	California	5	13,150	8,300	----	----	8,300	4,850	2,572	30	17,584	5	4,960
3	Illinois	12	125,490	62,290	6,000	5,000	51,290	63,290	19,248	150	111,374	22	28,340
4	Maryland	3	9,650	6,300	----	----	6,300	3,350	1,385	14	7,895	2	1,295
5	Massachusetts	8	163,084	34,690	----	----	34,690	128,394	22,459	172	131,640	18	20,934
6	Michigan	3	7,099	5,050	----	----	5,050	2,049	1,636	20	13,832	6	5,980
7	Minnesota	4	7,635	4,160	----	----	4,160	3,475	1,505	24	16,247	7	7,525
8	New York	21	464,560	273,850	----	----	273,850	190,710	49,065	564	432,678	83	94,948
9	Ohio	7	18,955	14,800	----	----	14,800	4,155	2,149	34	24,259	9	11,824
10	Pennsylvania	11	65,304	37,359	----	----	37,359	27,945	11,165	110	82,415	18	23,989
11	Wisconsin	3	8,050	5,200	1,000	1,500	2,700	2,850	5,446	22	12,594	4	3,774
12	All other states and territories. (a)	12	251,896	152,469	----	----	152,469	99,427	28,429	212	138,380	18	17,874

a Includes establishments distributed as follows: Connecticut, 1; District of Columbia, 2; Iowa, 1; Kentucky, 2; Louisiana, 1; Maine, 1; Missouri, 2; Rhode Island, 2.

STATES AND TERRITORIES: 1890—Continued.

266.—PHOTOGRAPHY.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecoworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
322	$159,772	4,400	$2,611,163	1,888	$662,756	117	$18,663	296	$124,656	175	$55,285	1	$120	$3,892,196	$15,488,324	1
2	332	21	10,452	10	3,604	1	78	1	13	3	412	.....	.....	20,951	77,127	2
1	624	11	7,246	.....	.....	.....	.....	.....	.....	1	75	.....	.....	4,918	35,534	3
9	6,415	127	89,645	41	23,244	10	2,103	9	7,426	6	3,970	1	120	124,068	533,544	4
.....	.....	3	2,700	.....	.....	.....	.....	1	700	.....	.....	.....	.....	4,008	26 220	5
5	1,976	108	66,691	59	22,523	1	130	4	2,650	4	1,170	.....	.....	90,975	346,663	6
.....	.....	11	8,056	1	156	1	156	.....	.....	.....	.....	.....	.....	12,550	42,763	7
1	416	86	47,526	24	7,594	.....	.....	.....	.....	.....	.....	.....	.....	52,210	191,280	8
1	200	5	3,215	1	175	.....	.....	1	499	.....	.....	.....	.....	2,899	16,457	9
1	260	37	17,380	1	260	.....	.....	1	104	.....	.....	.....	.....	31,566	94,205	10
33	19,845	354	215,280	181	66,054	11	2,416	20	8,570	26	8,499	.....	.....	412,022	1,448,462	11
13	6,914	114	60,587	57	18,446	3	360	5	2,078	2	443	.....	.....	106,755	424,359	12
5	1,161	73	34,929	43	13,713	.....	.....	4	1,232	5	1,290	.....	.....	90,086	318,474	13
1	780	26	14,739	20	6,393	.....	.....	2	760	.....	.....	.....	.....	37,638	136,592	14
7	2,412	63	31,142	12	3,515	.....	.....	3	525	.....	.....	.....	.....	41,720	173,357	15
5	4,300	52	28,200	11	3,504	1	50	5	2,480	.....	.....	.....	.....	26,453	126,400	16
4	1,574	34	17,865	25	8,418	.....	.....	.....	.....	.....	.....	.....	.....	34,945	136,924	17
3	1,303	79	34,419	24	5,888	4	408	10	3,950	1	250	.....	.....	44,620	204.663	18
19	9,238	380	239,441	241	95.111	3	448	19	5,868	26	6,908	.....	.....	372,311	1,492,330	19
10	3,400	154	84.414	92	29,520	7	894	8	3,290	11	4,108	.....	.....	133,745	505,105	20
13	6,450	138	76,349	45	16,165	3	640	10	3,620	4	1,207	.....	.....	100,367	480,912	21
.....	.....	2	1,420	1	240	2	219	.....	.....	.....	.....	.....	.....	6,130	27,600	22
14	9,910	218	131,730	79	29,913	6	857	16	5,675	4	1,650	.....	.....	151,196	679,471	23
.....	.....	8	7,744	.....	.....	1	100	5	3,400	2	1,500	.....	.....	10,898	50,000	24
7	4,042	52	33,181	15	6,350	2	270	3	560	2	146	.....	.....	41,270	183,949	25
4	2,344	41	24,269	47	12,792	.....	.....	4	2,400	5	1,400	.....	.....	48,425	179,607	26
3	864	115	57,518	44	11,392	3	510	3	830	1	156	.....	.....	85,060	329,233	27
53	29,964	932	583,661	291	105,984	14	2,185	64	26,805	19	4,649	.....	.....	697,627	2,963,771	28
.....	.....	3	940	3	710	.....	.....	.....	.....	1	180	.....	.....	3,181	10,300	29
.....	.....	8	4,676	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,855	19,420	30
44	18,103	317	165,919	142	43,355	13	1,894	28	13,533	8	3,160	.....	.....	302,815	1,152,395	31
1	1,500	27	17,200	17	8,304	.....	.....	2	500	.....	.....	.....	.....	28,420	108,700	32
42	15,857	518	285.951	215	71,635	18	2,937	47	21,102	29	10,142	.....	.....	428,519	1,663,596	33
8	3,094	45	29,405	34	11,804	.....	.....	2	596	1	78	.....	.....	58,839	189,075	34
.....	.....	19	6,908	2	540	.....	.....	.....	.....	.....	.....	.....	.....	9,583	36,870	35
2	900	3	1,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,810	11,700	36
2	664	54	34,963	12	3,505	3	610	1	1,500	.....	.....	.....	.....	41,488	172,110	37
1	780	63	34,793	14	6,954	3	456	14	3,359	3	150	.....	.....	54,725	223,644	38
.....	.....	20	7,256	9	3,128	.....	.....	.....	.....	1	600	.....	.....	15,012	65,048	39
1	260	44	23,666	6	1,164	.....	.....	.....	.....	.....	.....	.....	.....	23,157	101,560	40
.....	.....	12	9,484	3	1,808	1	300	.....	.....	3	1,120	.....	.....	8,922	60,150	41
2	416	20	10,016	7	1,586	.....	.....	.....	.....	.....	.....	.....	.....	19,952	68,134	42
5	2,074	97	44,705	57	16,293	5	762	3	275	7	2,022	.....	.....	93,923	346,928	43
.....	.....	3	1,768	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,590	18,082	44
.....	.....	5	2,600	3	1,016	1	150	1	416	.....	.....	.....	.....	6,052	15,610	45

267.—PHOTOLITHOGRAPHING AND ENGRAVING. (See also Lithographing and engraving; Stereotyping and electrotyping.)

15	6,836	959	681,634	72	23,115	16	2,658	97	52,712	1	500	.....	.....	541,395	2,071,580	1
.....	.....	23	12,264	.....	.....	2	360	.....	.....	.....	.....	.....	.....	3,524	31,175	2
1	600	107	76,756	16	3,096	1	182	3	1,500	.....	.....	.....	.....	80,395	246,300	3
.....	.....	12	6,660	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,501	17,000	4
3	1,614	119	97,814	26	8,390	1	156	5	2,732	.....	.....	.....	.....	60,337	256,845	5
1	260	10	5,772	.....	.....	.....	.....	3	1,820	.....	.....	.....	.....	5,600	25,268	6
.....	.....	15	7,966	1	156	.....	.....	1	600	.....	.....	.....	.....	2,340	25,600	7
2	1,100	394	295,120	14	5,050	1	100	70	36,360	.....	.....	.....	.....	177,539	851,850	8
2	900	19	9,180	1	375	.....	.....	2	1,480	1	500	.....	.....	4,342	38,500	9
2	1,000	77	52,364	3	1,952	6	1,110	4	2,000	.....	.....	.....	.....	23,434	149,661	10
.....	.....	17	8,508	1	812	.....	.....	.....	.....	.....	.....	.....	.....	2,369	21,315	11
4	1,362	166	109,290	10	2,884	5	750	9	6,220	.....	.....	.....	.....	178,014	408,066	12

TABLE 5.—SPECIFIED INDUSTRIES, BY

268.—PICKLES, PRESERVES, AND SAUCES. (See also Fruits and vegetables, canning and preserving.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	316	$4,913,459	$1,679,044	$455,803	$485,185	$738,056	$3,234,415	$528,283	4,252	$1,767,319	648	$595,803
2	California	17	302,205	176,080	88,000	39,150	48,930	126,125	20,725	125	85,744	33	35,192
3	Colorado	3	154,300	70,600	34,300	16,500	19,800	83,700	6,374	110	40,677	8	11,560
4	Illinois	28	513,742	126,600	21,535	19,220	85,845	387,142	86,139	376	176,577	65	65,843
5	Indiana	5	15,625	8,175	425	2,150	5,600	7,450	1,268	31	9,464	5	2,656
6	Iowa	9	343,189	155,365	28,900	57,750	68,715	187,824	33,143	167	85,720	38	40,260
7	Kentucky	5	106,750	58,350	25,300	24,600	8,450	48,400	4,680	78	22,478	10	8,566
8	Louisiana	3	38,440	8,700	450	450	7,800	29,740	2,173	68	19,662	3	2,320
9	Maryland	10	38,328	19,228	5,533	6,900	6,795	19,100	1,611	36	14,166	12	6,140
10	Massachusetts	29	323,451	53,255	12,230	5,900	35,125	270,196	39,529	240	106,643	50	42,229
11	Michigan	14	212,884	53,241	4,750	6,100	42,391	159,643	35,940	166	59,276	20	18,630
12	Minnesota	4	77,300	37,600	10,000	14,000	13,600	39,700	2,776	42	20,936	16	8,960
13	Missouri	10	502,572	105,750	20,200	34,000	51,550	396,822	23,893	346	149,506	29	34,020
14	New Jersey	15	234,786	69,510	12,900	14,200	42,410	165,276	28,829	282	84,925	32	23,589
15	New York	71	806,618	429,425	138,650	171,900	118,875	377,193	76,151	445	266,918	102	100,609
16	Ohio	17	145,877	39,880	7,960	10,620	21,300	105,997	40,429	172	68,075	25	30,155
17	Pennsylvania	28	643,812	102,885	7,285	19,845	75,755	540,927	80,746	1,020	371,355	127	110,611
18	Rhode Island	3	54,475	21,750	2,000	10,250	9,500	32,725	7,791	27	13,350	6	5,450
19	Tennessee	3	23,375	15,275	10,300	3,450	1,525	8,100	1,234	37	3,691	2	695
20	Texas	4	15,655	7,850	1,050	950	5,850	7,805	2,310	12	6,857	5	3,846
21	Vermont	7	13,445	9,075	525	900	7,650	4,370	1,633	32	3,683	7	572
22	Virginia	4	13,990	5,250	----------	----------	5,250	8,740	2,232	79	11,313	4	2,638
23	Wisconsin	10	105,228	43,875	10,900	16,600	16,375	61,353	15,221	82	36,558	16	13,172
24	All other states (a)	17	227,412	61,325	12,610	9,750	38,965	166,087	13,456	273	109,745	33	28,030

a Includes establishments distributed as follows: Alabama, 2; Connecticut, 2; Delaware, 1; Florida, 1; Kansas, 1; Maine, 2; Nebraska, 2; New Hampshire, 2; Oregon, 1; Washington, 1; West Virginia, 2.

269.—PIPES, TOBACCO.

1	The United States...	69	1,432,753	567,788	30,863	95,015	441,910	804,965	95,545	1,345	730,990	131	154,941
2	Illinois	5	4,380	1,450	100	200	1,150	2,930	1,437	32	11,497	4	2,733
3	Missouri	7	64,470	34,150	4,250	8,500	21,400	30,320	3,543	128	52,656	10	9,392
4	New York	31	1,108,123	361,050	7,000	27,000	327,050	747,073	77,712	771	473,954	94	125,500
5	Pennsylvania	7	196,910	135,200	12,000	46,000	77,200	61,710	7,993	291	159,143	4	5,340
6	All other states (a)	19	58,870	35,938	7,513	13,315	15,110	22,932	4,860	123	33,746	19	11,976

a Includes establishments distributed as follows: California, 2; Colorado, 1; Iowa, 1; Kansas, 2; Kentucky, 1; Maryland, 1; Massachusetts, 2; Michigan, 2; Minnesota, 1; New Jersey, 2; North Carolina, 1; Tennessee, 1; Virginia, 1; Wisconsin, 1.

270.—PLASTERING AND STUCCOWORK. (See also Masonry, brick and stone.)

1	The United States...	1,746	3,309,297	1,460,240	474,805	486,410	499,025	1,849,057	311,812	10,624	6,845,437	1,804	1,459,330
2	Alabama	6	2,625	325	----------	----------	325	2,300	870	41	23,407	6	4,828
3	Arkansas	5	1,315	215	----------	----------	215	1,100	292	24	10,634	5	3,675
4	California	19	126,080	55,710	17,000	10,450	28,260	70,370	6,060	138	136,778	18	18,284
5	Connecticut	4	13,927	5,925	500	3,000	2,425	8,002	1,192	30	22,684	6	5,200
6	Delaware	3	13,345	3,170	800	700	1,670	10,175	715	31	17,805	3	1,855
7	District of Columbia	25	26,658	4,435	----------	----------	4,435	22,223	2,339	225	139,311	25	23,796
8	Georgia	9	6,400	1,010	150	350	510	5,390	930	48	18,424	8	2,144
9	Illinois	112	342,430	105,356	46,590	24,695	34,071	237,074	19,785	786	526,062	136	112,681
10	Indiana	78	52,479	18,135	3,710	6,685	7,740	34,344	6,664	412	210,923	68	46,052
11	Iowa	58	45,413	12,975	3,900	3,500	5,575	32,438	4,963	301	145,784	57	31,235
12	Kansas	34	48,212	30,720	7,100	11,190	12,430	17,492	1,884	180	74,902	20	9,487
13	Kentucky	82	136,054	67,875	23,600	28,950	15,325	68,179	19,307	447	289,953	81	72,559
14	Louisiana	12	22,390	14,810	4,450	8,300	2,060	7,580	1,356	63	36,077	13	10,718
15	Maine	8	14,485	1,460	----------	----------	1,460	13,025	2,309	68	40,865	10	9,825
16	Maryland	25	22,514	4,466	1,125	2,350	991	18,048	2,853	105	65,612	30	19,042
17	Massachusetts	139	223,831	60,940	11,275	8,250	41,415	162,891	27,646	918	688,538	145	129,824
18	Michigan	47	92,305	65,490	19,625	31,640	14,225	26,815	6,630	288	167,772	44	30,321
19	Minnesota	116	174,347	78,212	29,400	26,300	22,512	96,135	14,361	903	450,886	136	100,505
20	Mississippi	7	9,547	4,372	1,250	1,800	1,322	5,175	1,854	69	39,617	6	4,658
21	Missouri	176	261,506	122,563	44,225	38,800	39,538	138,943	32,201	848	554,506	170	146,299
22	Nebraska	17	11,552	5,777	1,125	1,675	2,977	5,775	2,246	59	33,140	14	8,582
23	New Hampshire	9	9,185	2,835	200	100	2,535	6,350	1,315	45	29,336	8	6,435
24	New Jersey	27	77,336	42,135	13,650	14,950	13,535	35,201	4,960	192	155,368	24	23,507
25	New York	161	255,758	103,353	23,975	23,450	55,928	152,405	47,490	823	643,250	200	189,521
26	Ohio	260	345,909	178,770	45,575	87,810	45,885	167,139	38,088	1,243	749,005	264	198,390

STATES AND TERRITORIES: 1890—Continued.

268.—PICKLES, PRESERVES, AND SAUCES. (See also Fruits and vegetables, canning and preserving.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
27	$12,624	1,864	$832,691	1,069	$210,685	21	$2,372	100	$25,340	516	$86,524	7	$1,280	$5,328,541	$9,790,855	1
.....	.....	73	45,304	8	2,424	2	890	5	1,928	4	506	.....	.....	172,088	366,371	2
.....	.....	50	21,655	52	7,462	.....	.....	.....	.....	.....	.....	.....	.....	101,428	160,450	3
4	1,610	188	79,040	116	29,034	.....	.....	1	750	2	300	.....	.....	685,136	1,146,136	4
.....	.....	13	5,005	11	1,723	2	80	.....	.....	.....	.....	.....	.....	28,280	44,730	5
1	130	74	35,354	16	3,660	.....	.....	11	700	27	5,616	.....	.....	315,272	510,967	6
.....	.....	22	9,462	44	4,250	.....	.....	2	200	.....	.....	.....	.....	70,910	129,850	7
.....	.....	19	8,814	46	8,528	.....	.....	.....	.....	.....	.....	.....	.....	93,610	144,900	8
1	100	14	6,078	9	1,848	.....	.....	.....	.....	.....	.....	.....	.....	41,320	87,195	9
6	2,822	93	42,586	91	17,466	2	260	2	680	2	600	.....	.....	336,247	563,144	10
2	1,420	76	30,880	33	6,288	3	60	22	1,748	10	250	.....	.....	202,028	350,983	11
.....	.....	17	9,260	9	2,716	.....	.....	.....	.....	.....	.....	.....	.....	66,365	100,460	12
2	1,300	192	78,199	39	12,027	.....	.....	25	10,000	59	13,960	.....	.....	605,510	964,194	13
.....	.....	72	28,244	31	7,020	1	150	20	4,500	122	20,892	4	530	272,405	467,503	14
2	1,450	274	146,959	65	17,456	.....	.....	2	384	.....	.....	.....	.....	551,261	1,220,901	15
1	208	74	23,038	51	10,612	6	1,062	.....	.....	15	3,000	.....	.....	217,635	477,776	16
1	720	398	170,148	212	44,676	.....	.....	9	4,200	273	41,000	.....	.....	944,679	1,977,455	17
.....	.....	16	6,350	2	800	.....	.....	.....	.....	.....	.....	3	750	62,943	109,300	18
.....	.....	12	1,596	23	1,400	.....	.....	.....	.....	.....	.....	.....	.....	13,862	23,513	19
.....	.....	4	1,903	2	1,058	1	50	.....	.....	.....	.....	.....	.....	11,347	35,916	20
.....	.....	24	2,986	1	125	.....	.....	.....	.....	.....	.....	.....	.....	7,754	16,665	21
1	500	13	3,088	60	4,837	.....	.....	1	250	.....	.....	.....	.....	21,459	66,666	22
3	1,460	44	18,261	19	3,665	.....	.....	.....	.....	.....	.....	.....	.....	107,321	188,734	23
3	904	102	58,481	129	21,610	4	320	.....	.....	2	400	.....	.....	399,681	637,046	24

269.—PIPES, TOBACCO.

8	4,240	822	424,438	125	31,368	15	1,875	202	107,348	38	6,266	4	520	626,668	1,881,262	1
1	600	8	3,664	5	696	2	180	12	3,624	.....	.....	.....	.....	4,463	21,050	2
.....	.....	87	31,709	6	750	5	805	20	16,000	.....	.....	.....	.....	48,015	148,555	3
7	3,640	468	256,278	54	18,786	.....	.....	131	66,792	13	2,438	4	520	354,380	1,195,535	4
.....	.....	208	115,927	37	9,396	.....	.....	30	25,360	12	3,120	.....	.....	166,976	376,340	5
.....	.....	51	16,860	23	1,740	8	890	9	1,572	13	708	.....	.....	52,834	139,782	6

270.—PLASTERING AND STUCCOWORK. (See also Masonry, brick and stone.)

4	1,440	8,466	5,233,229	13	4,536	8	1,174	327	145,703	2	75	.....	.....	4,416,053	13,460,824	1
.....	.....	35	18,579	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,896	48,252	2
.....	.....	19	6,959	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,801	17,038	3
.....	.....	113	112,776	1	468	.....	.....	6	5,250	.....	.....	.....	.....	84,382	260,540	4
.....	.....	24	17,484	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,027	51,947	5
1	250	24	13,900	.....	.....	.....	.....	3	1,800	.....	.....	.....	.....	9,040	30,000	6
.....	.....	185	109,515	.....	.....	.....	.....	15	6,000	.....	.....	.....	.....	88,795	258,580	7
.....	.....	29	11,450	.....	.....	.....	.....	13	4,830	.....	.....	.....	.....	15,303	41,392	8
.....	.....	639	407,462	.....	.....	1	300	10	5,619	.....	.....	.....	.....	515,242	1,229,182	9
.....	.....	339	163,271	.....	.....	.....	.....	5	1,600	.....	.....	.....	.....	145,846	429,609	10
.....	.....	230	110,962	.....	.....	.....	.....	14	3,587	.....	.....	.....	.....	115,928	385,920	11
.....	.....	160	65,415	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56,173	154,687	12
.....	.....	358	214,914	.....	.....	.....	.....	8	2,480	.....	.....	.....	.....	282,786	699,897	13
.....	.....	49	25,203	1	156	.....	.....	.....	.....	.....	.....	.....	.....	24,824	78,207	14
.....	.....	56	30,540	.....	.....	.....	.....	2	500	.....	.....	.....	.....	12,830	59,513	15
.....	.....	75	46,310	.....	.....	.....	.....	1	260	.....	.....	.....	.....	23,435	109,950	16
.....	.....	727	534,715	2	600	.....	.....	44	23,399	.....	.....	.....	.....	318,552	1,139,666	17
.....	.....	241	135,451	.....	.....	.....	.....	3	2,000	.....	.....	.....	.....	98,093	317,244	18
.....	.....	741	339,966	.....	.....	.....	.....	26	10,415	.....	.....	.....	.....	285,646	875,074	19
.....	.....	63	34,959	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,049	68,900	20
.....	.....	658	401,366	.....	.....	2	260	18	6,581	.....	.....	.....	.....	394,781	1,149,305	21
.....	.....	45	24,558	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,744	70,147	22
.....	.....	37	22,901	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,126	46,210	23
.....	.....	160	127,168	.....	.....	1	75	7	4,618	.....	.....	.....	.....	112,189	303,651	24
3	1,190	565	426,521	5	1,572	1	208	49	24,238	.....	.....	.....	.....	235,912	1,066,404	25
.....	.....	957	542,578	.....	.....	.....	.....	22	8,037	.....	.....	.....	.....	513,078	1,523,728	26

TABLE 5.—SPECIFIED INDUSTRIES, BY

270.—PLASTERING AND STUCCOWORK—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.	Males above 16 years.	
												Number.	Wages.
27	Oregon	13	$109,350	$70,550	$52,000	$14,400	$4,150	$38,800	$5,635	114	$117,900	19	$27,600
28	Pennsylvania	190	623,296	289,553	102,700	108,410	78,443	333,743	39,169	1,399	1,017,424	173	140,240
29	Rhode Island	13	22,180	9,300	300	1,050	7,950	12,880	2,954	108	80,610	15	13,406
30	Tennessee	9	19,790	7,545	5,200	1,650	695	12,245	3,445	91	42,777	7	5,600
31	Texas	14	34,378	7,275	2,100	1,600	3,575	27,103	3,829	111	98,684	17	13,500
32	Vermont	6	1,152	957	250	600	107	195	157	21	7,928	6	3,375
33	Virginia	35	59,707	10,626	2,250	1,030	7,346	49,081	3,817	317	122,650	35	16,412
34	West Virginia	3	2,274	275	----	----	275	1,999	560	13	7,568	4	3,220
35	Wisconsin	15	45,390	27,830	4,700	12,425	10,705	17,560	3,408	100	47,728	19	12,164
36	All other states and territories. (a)	9	56,177	45,295	6,080	10,800	28,415	10,882	1,528	62	31,579	14	8,390

a Includes establishments distributed as follows: Colorado, 1; Florida, 1; North Dakota, 1; South Carolina, 1; South Dakota, 1; Utah, 2; Washington, 2.

271.—PLATED AND BRITANNIA WARE. (See also Silverware.)

1	The United States	68	13,150,990	3,922,351	304,382	999,259	2,618,710	9,228,639	1,276,431	6,919	3,775,305	278	408,892
2	Connecticut	21	9,916,866	2,820,076	189,082	702,445	1,928,549	7,096,790	762,563	4,329	2,340,364	160	263,950
3	Massachusetts	11	1,898,345	697,023	53,300	218,814	334,909	1,291,322	433,774	1,346	762,452	64	82,412
4	New Jersey	6	119,650	54,000	8,000	6,000	40,000	65,650	5,094	109	70,748	7	8,780
5	New York	12	580,925	227,900	18,000	43,000	166,900	353,025	38,740	635	342,618	20	25,301
6	Pennsylvania	11	175,805	79,500	21,000	4,000	54,500	96,305	10,159	168	90,336	12	14,045
7	All other states (a)	7	459,399	133,852	15,000	25,000	93,852	325,547	26,101	332	163,387	15	14,404

a Includes establishments distributed as follows: Illinois, 2; Maine, 1; Maryland, 2; Missouri, 1; Ohio, 1.

272.—PLUMBERS' SUPPLIES. (See also Brass castings and brass finishing.)

1	The United States	122	9,678,107	3,859,279	988,950	1,085,228	1,785,101	5,818,828	550,938	5,485	3,304,214	518	635,779
2	California	8	235,388	105,557	16,350	13,950	75,257	129,831	14,210	156	101,738	15	14,554
3	Illinois	7	1,295,314	551,283	138,500	219,800	192,983	744,031	28,687	779	439,801	68	52,670
4	Maryland	4	295,819	119,880	----	----	119,880	175,939	25,276	376	174,954	23	22,936
5	Massachusetts	6	474,278	149,377	34,000	29,000	86,377	324,901	29,263	267	165,092	15	15,700
6	Michigan	7	146,952	49,267	14,700	17,250	17,317	97,685	3,244	155	69,608	14	13,279
7	Missouri	4	1,280,486	464,470	134,000	205,000	125,470	816,016	101,863	491	342,358	38	78,960
8	New Jersey	6	75,290	43,700	400	600	42,700	31,590	7,502	91	50,379	10	11,025
9	New York	40	2,973,109	1,123,318	294,700	291,018	537,600	1,849,791	179,095	1,460	961,849	128	185,689
10	Ohio	9	202,320	51,237	8,100	6,000	37,137	151,083	24,522	151	93,860	28	37,062
11	Pennsylvania	17	1,825,675	750,425	217,500	211,250	321,675	1,075,250	87,117	840	520,072	106	123,133
12	All other states and territories. (a)	14	873,476	450,765	130,700	91,360	228,705	422,711	50,159	719	384,503	73	80,771

a Includes establishments distributed as follows: Colorado, 1; Connecticut, 1; District of Columbia, 2; Iowa, 2; Kentucky, 1; Minnesota, 2; Rhode Island, 2; Vermont, 1; West Virginia, 1; Wisconsin, 1.

273.—PLUMBING AND GAS FITTING.

1	The United States	5,327	29,335,247	8,113,905	2,590,074	2,437,944	3,085,887	21,221,342	2,492,884	42,513	28,762,611	6,907	6,787,427
2	Alabama	21	98,067	18,835	3,000	2,000	13,835	79,232	9,064	156	100,162	23	22,547
3	Arkansas	6	40,800	3,100	----	----	3,100	37,700	4,388	65	47,894	8	8,715
4	California	189	728,638	198,354	66,625	38,032	93,697	530,284	82,777	1,272	983,543	224	254,931
5	Connecticut	177	1,098,661	266,991	63,350	68,900	134,741	831,670	80,547	1,380	924,258	184	170,112
6	Delaware	18	144,725	31,181	10,700	6,900	13,581	113,544	12,857	161	90,697	31	23,962
7	District of Columbia	86	467,735	143,662	63,472	36,500	43,690	324,073	44,207	646	432,567	122	102,510
8	Florida	7	90,150	18,450	1,800	1,400	15,250	71,700	6,437	72	43,452	9	8,750
9	Georgia	30	153,098	33,238	7,000	11,000	15,238	119,860	10,917	278	151,292	34	28,057
10	Illinois	341	1,918,520	509,338	219,603	120,162	169,573	1,409,182	147,866	3,067	2,223,907	465	448,883
11	Indiana	88	403,437	119,600	43,175	29,500	46,925	283,837	35,717	778	427,513	118	96,888
12	Iowa	54	455,074	64,575	7,200	10,100	47,275	390,499	38,364	542	337,021	75	68,875
13	Kansas	21	147,200	29,875	9,000	11,100	9,775	117,325	9,365	178	120,536	20	16,846
14	Kentucky	83	261,916	73,270	20,240	24,100	28,930	188,646	33,175	483	275,887	112	94,968
15	Louisiana	16	182,883	26,800	9,500	7,500	9,800	156,083	20,948	158	92,698	30	35,240
16	Maine	31	180,525	32,248	11,000	4,500	16,748	148,277	17,235	224	138,177	43	40,656
17	Maryland	119	320,507	91,454	26,371	35,738	32,345	226,053	24,657	539	288,018	123	90,281
18	Massachusetts	603	2,714,334	646,319	160,035	156,766	329,518	2,068,015	284,570	4,532	3,017,097	724	665,357
19	Michigan	129	752,150	161,431	43,750	40,150	77,531	590,719	85,362	1,073	595,956	184	154,072
20	Minnesota	82	1,068,400	144,637	28,200	33,000	83,437	923,763	100,681	1,293	868,592	177	188,337
21	Mississippi	4	23,550	2,050	----	----	2,050	21,500	2,945	45	23,664	7	5,644
22	Missouri	174	985,962	268,875	57,410	116,000	95,465	717,087	109,849	1,713	1,126,958	262	270,740
23	Montana	3	35,550	12,050	----	10,000	2,050	23,500	4,264	59	58,726	7	9,400
24	Nebraska	38	409,880	54,525	10,300	6,050	37,275	355,355	35,251	452	347,196	62	79,348
25	New Hampshire	32	163,195	25,425	500	500	24,425	137,770	13,864	231	144,400	35	30,928
26	New Jersey	262	1,641,121	649,907	219,635	237,990	192,282	991,214	111,094	2,242	1,507,635	325	312,112

STATES AND TERRITORIES: 1890—Continued.

270.—PLASTERING AND STUCCOWORK—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecoworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	91	$89,050	.....	.....	1	$50	3	$1,200	.....	.....	.....	.....	$104,943	$254,168	27
.....	.....	1,179	854,138	4	$1,740	2	281	39	20,950	2	$75	.....	.....	550,669	1,881,606	28
.....	.....	93	67,204	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,884	135,133	29
.....	.....	82	35,927	.....	.....	.....	.....	2	1,250	.....	.....	.....	.....	27,633	82,056	30
.....	.....	94	79,184	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79,506	214,930	31
.....	.....	15	4,553	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,845	12,959	32
.....	.....	251	96,281	.....	.....	.....	.....	31	9,957	.....	.....	.....	.....	98,004	255,433	33
.....	.....	9	4,348	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,001	12,202	34
.....	.....	75	34,432	.....	.....	.....	.....	6	1,132	.....	.....	.....	.....	58,274	132,069	35
.....	.....	48	23,189	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,726	65,225	36

271.—PLATED AND BRITANNIA WARE. (See also Silverware.)

24	$11,153	4,857	2,700,124	709	200,457	147	25,733	623	346,509	265	80,340	16	$2,097	4,647,890	11,502,966	1
10	4,816	3,026	1,655,952	475	129,128	113	21,618	380	215,156	159	48,796	6	948	3,391,944	7,569,920	2
4	1,992	982	544,759	95	32,537	7	760	132	80,338	62	19,654	.....	.....	621,771	2,117,593	3
1	750	86	55,181	3	883	5	862	7	4,292	.....	.....	.....	.....	33,606	166,749	4
5	1,937	412	263,690	96	24,510	17	1,625	53	18,358	22	5,448	10	1,149	327,780	864,150	5
1	546	99	55,592	27	9,960	5	808	16	7,325	8	2,000	.....	.....	101,814	268,550	6
3	1,112	252	124,950	13	3,439	.....	.....	35	21,040	14	4,442	.....	.....	170,975	516,004	7

272.—PLUMBERS' SUPPLIES. (See also Brass castings and brass finishing.)

20	10,850	4,078	2,217,258	44	13,719	111	26,441	681	391,309	29	8,258	4	600	5,853,709	11,960,464	1
.....	.....	128	82,684	13	4,500	.....	.....	.....	.....	.....	.....	.....	.....	143,320	325,700	2
.....	.....	463	252,389	23	6,032	.....	.....	201	121,222	24	7,488	.....	.....	438,114	1,279,322	3
.....	.....	276	105,794	.....	.....	.....	.....	77	46,224	.....	.....	.....	.....	216,978	495,500	4
1	400	226	131,578	.....	.....	3	566	22	16,848	.....	.....	.....	.....	448,719	701,178	5
1	200	122	49,859	.....	.....	.....	.....	13	5,500	5	770	.....	.....	185,823	370,972	6
1	600	383	238,866	.....	.....	.....	.....	69	23,932	.....	.....	.....	.....	861,000	1,465,371	7
.....	.....	68	37,020	2	624	11	1,710	.....	.....	.....	.....	.....	.....	27,357	132,000	8
4	1,830	1,167	686,424	1	375	14	2,653	146	84,878	.....	.....	.....	.....	2,084,404	3,949,047	9
2	812	114	54,746	.....	.....	7	1,240	.....	.....	.....	.....	.....	.....	284,793	525,372	10
8	5,780	530	300,896	2	1,000	75	20,152	115	68,511	.....	.....	4	600	566,719	1,427,503	11
3	1,228	601	277,002	3	1,188	1	120	38	24,194	.....	.....	.....	.....	596,482	1,288,499	12

273.—PLUMBING AND GAS FITTING.

149	59,870	34,656	21,713,722	66	26,234	475	91,263	259	83,939	1	156	.....	.....	37,735,671	80,905,925	1
.....	.....	133	77,615	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	185,429	336,557	2
.....	.....	45	36,266	.....	.....	4	800	8	2,113	.....	.....	.....	.....	101,471	193,260	3
2	860	1,004	713,816	.....	.....	33	7,954	9	5,982	.....	.....	.....	.....	1,088,828	2,536,534	4
4	1,493	1,187	750,361	.....	.....	.....	.....	5	2,292	.....	.....	.....	.....	1,235,666	2,611,303	5
.....	.....	122	65,159	.....	.....	8	1,576	.....	.....	.....	.....	.....	.....	148,748	299,161	6
5	2,076	510	324,001	.....	.....	2	180	7	3,800	.....	.....	.....	.....	502,203	1,130,574	7
1	350	56	33,302	.....	.....	6	1,050	.....	.....	.....	.....	.....	.....	165,874	249,105	8
.....	.....	235	121,113	.....	.....	9	2,122	.....	.....	.....	.....	.....	.....	296,319	580,812	9
30	13,538	2,530	1,753,436	1	208	33	5,912	8	1,930	.....	.....	.....	.....	3,132,222	6,455,007	10
2	1,080	640	326,530	.....	.....	6	1,240	6	1,775	.....	.....	.....	.....	666,270	1,305,985	11
1	468	452	264,240	.....	.....	11	2,288	3	1,150	.....	.....	.....	.....	730,930	1,270,669	12
.....	.....	145	100,296	1	260	10	1,334	2	2,000	.....	.....	.....	.....	168,604	342,616	13
1	468	356	178,473	.....	.....	13	1,888	1	90	.....	.....	.....	.....	358,089	787,864	14
.....	.....	121	56,196	.....	.....	7	1,262	.....	.....	.....	.....	.....	.....	161,961	329,748	15
1	520	179	96,767	.....	.....	1	234	.....	.....	.....	.....	.....	.....	239,228	439,927	16
1	314	408	195,617	1	260	2	276	4	1,270	.....	.....	.....	.....	351,998	831,200	17
46	17,736	3,738	2,327,094	8	3,116	11	2,394	5	1,400	.....	.....	.....	.....	3,759,369	8,114,541	18
1	450	856	436,223	1	260	25	3,815	6	1,136	.....	.....	.....	.....	988,371	1,903,613	19
.....	.....	1,107	676,027	4	1,508	5	720	.....	.....	.....	.....	.....	.....	1,405,022	2,813,157	20
.....	.....	38	18,020	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,924	67,337	21
6	2,706	1,368	830,471	.....	.....	50	9,914	27	13,127	.....	.....	.....	.....	1,382,221	3,072,469	22
.....	.....	52	49,326	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	89,450	170,000	23
2	800	375	264,104	.....	.....	9	2,184	4	760	.....	.....	.....	.....	592,565	1,126,972	24
.....	.....	192	113,024	.....	.....	4	448	.....	.....	.....	.....	.....	.....	274,265	482,464	25
3	988	1,885	1,188,863	2	1,092	26	4,330	1	250	.....	.....	.....	.....	1,913,300	4,093,083	26

TABLE 5.—SPECIFIED INDUSTRIES, BY

273.—PLUMBING AND GAS FITTING—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
27	New York	1,454	$6,952,639	$1,987,635	$661,613	$573,630	$752,392	$4,965,004	$607,422	11,136	$8,094,699	1,869	$2,622,897
28	North Dakota	4	24,440	3,040	----------	----------	3,040	21,400	2,903	38	28,662	6	6,388
29	Ohio	267	1,180,185	285,699	86,475	68,050	131,174	894,486	132,624	2,024	1,286,956	370	332,739
30	Oregon	16	172,975	28,250	10,000	1,000	17,250	144,725	11,722	189	153,198	31	34,218
31	Pennsylvania	661	3,760,794	1,474,403	508,170	580,451	385,782	2,226,391	215,495	4,205	2,700,559	738	675,739
32	Rhode Island	67	301,984	96,715	24,600	18,400	53,715	205,269	29,358	511	311,325	72	65,292
33	South Carolina	14	27,862	14,017	5,900	5,700	2,417	13,845	3,718	42	20,855	13	8,330
34	Tennessee	18	366,218	97,600	39,000	34,000	24,600	268,618	24,904	345	196,594	52	48,240
35	Texas	33	247,494	38,697	10,000	4,600	24,097	208,797	23,261	233	176,637	43	49,039
36	Utah	8	137,175	30,950	5,000	15,000	10,950	106,225	9,239	139	112,322	18	20,444
37	Vermont	16	142,257	42,760	15,500	16,200	11,060	99,497	6,391	101	63,060	23	20,238
38	Virginia	43	384,515	94,275	35,250	31,750	27,275	290,240	28,813	378	224,764	74	71,002
39	Washington	26	344,161	24,711	----------	625	24,086	319,450	24,341	478	437,515	57	82,775
40	West Virginia	12	151,946	79,559	34,500	21,500	23,559	72,387	6,542	126	70,366	22	19,931
41	Wisconsin	67	645,799	171,854	76,200	54,750	46,904	473,945	36,692	861	474,507	110	96,707
42	All other states (a)	7	68,725	14,550	2,000	3,500	9,050	54,175	3,080	68	50,746	5	5,480

a Includes establishments distributed as follows: Colorado, 2; North Carolina, 2; South Dakota, 1; Wyoming, 2.

274.—POCKETBOOKS. (See also Leather goods.)

1	The United States	62	1,121,834	257,065	63,416	116,184	77,465	864,769	101,933	1,348	661,992	135	168,329
2	Massachusetts	5	127,123	36,700	1,150	26,200	9,350	90,423	2,743	218	79,075	11	10,374
3	New Jersey	3	170,400	48,550	9,450	28,000	11,100	121,850	35,439	231	91,160	10	16,352
4	New York	38	543,626	69,315	26,666	13,334	29,315	474,311	37,520	641	371,515	81	112,364
5	Pennsylvania	8	236,250	94,400	26,000	48,000	20,400	141,850	21,721	166	79,800	15	16,691
6	All other states (a)	8	44,435	8,100	150	650	7,300	36,335	4,510	92	40,442	18	12,548

a Includes establishments distributed as follows: Connecticut, 1; Illinois, 2; Minnesota, 1; Missouri, 1; New Hampshire, 1; Ohio, 2.

275.—PRINTING AND PUBLISHING, BOOK AND JOB. (See also Bookbinding and blank-book making.)

1	The United States	4,098	67,146,445	40,295,690	2,569,068	3,005,354	34,721,268	26,850,755	10,855,620	58,139	35,874,361	7,375	7,925,120
2	Alabama	26	192,237	137,100	600	1,300	135,200	55,137	18,585	213	137,646	36	35,234
3	Arkansas	7	53,130	29,700	----------	----------	29,700	23,430	5,590	36	24,589	12	10,419
4	California	121	1,245,133	836,875	15,450	33,175	788,250	408,258	216,164	1,264	835,013	159	187,677
5	Colorado	28	259,640	168,700	30,000	10,000	128,700	90,940	25,469	208	172,228	38	54,480
6	Connecticut	89	1,372,069	822,563	111,260	141,050	570,253	549,506	112,739	967	553,177	112	112,776
7	Delaware	11	153,925	110,050	15,000	20,000	75,050	43,875	5,966	120	55,867	18	13,065
8	District of Columbia	61	1,200,579	1,000,700	65,300	42,000	893,400	199,879	68,701	3,099	2,494,406	60	54,078
9	Florida	3	30,800	20,500	----------	----------	20,500	10,300	2,670	44	21,552	5	7,500
10	Georgia	34	481,329	317,700	25,700	38,700	253,300	163,629	36,539	515	252,837	78	66,816
11	Illinois	380	8,608,810	4,780,022	346,450	476,500	3,957,072	3,828,788	2,332,999	7,515	4,682,742	869	1,009,477
12	Indiana	73	762,442	451,681	11,800	7,700	432,181	310,761	60,897	893	468,297	111	110,152
13	Iowa	56	582,720	399,896	44,050	55,700	300,146	182,824	74,085	544	263,221	100	79,966
14	Kansas	39	523,084	262,053	----------	----------	262,053	261,031	44,682	346	230,726	54	50,561
15	Kentucky	56	389,512	241,900	20,000	28,400	193,500	138,612	28,172	397	182,206	66	46,999
16	Louisiana	37	313,483	178,284	7,000	3,500	167,784	135,199	34,874	339	207,134	71	75,113
17	Maine	36	177,686	134,450	1,000	5,700	127,750	43,236	18,126	173	86,908	36	27,562
18	Maryland	102	738,811	498,648	3,750	5,000	489,898	240,163	60,955	935	422,226	140	121,729
19	Massachusetts	404	4,674,622	2,471,144	23,788	43,978	2,403,378	2,203,478	1,020,004	4,233	2,477,967	557	517,891
20	Michigan	98	1,018,621	690,245	5,000	8,500	676,745	328,376	407,488	1,030	527,049	146	119,553
21	Minnesota	82	1,048,380	671,575	20,000	94,574	557,001	376,805	116,602	1,083	680,451	142	145,639
22	Mississippi	4	9,910	7,550	----------	----------	7,550	2,360	725	10	4,394	4	1,857
23	Missouri	176	3,441,785	1,857,513	78,350	61,600	1,717,563	1,584,272	391,890	3,453	1,939,656	345	382,572
24	Nebraska	31	373,645	238,784	10,800	18,100	209,884	134,861	36,799	377	231,339	59	58,336
25	New Hampshire	35	123,392	98,900	1,250	11,150	86,500	24,492	7,481	97	45,314	30	18,886
26	New Jersey	72	773,571	567,451	66,000	47,000	394,451	266,120	55,237	773	430,211	109	109,521
27	New York	953	17,541,631	10,398,103	835,970	698,100	8,864,033	7,143,528	2,413,066	15,374	10,457,773	2,011	2,489,942
28	North Carolina	13	89,725	64,700	300	700	63,700	25,025	5,309	78	31,264	9	5,830
29	Ohio	257	3,704,513	2,361,273	180,650	268,125	1,912,498	1,343,240	337,296	3,499	1,847,539	441	439,749
30	Oregon	19	207,157	149,389	----------	----------	149,389	57,768	22,553	161	128,725	27	29,341
31	Pennsylvania	478	13,072,177	7,980,815	499,100	635,290	6,846,425	5,091,362	2,446,554	7,102	4,051,012	987	1,035,175
32	Rhode Island	46	421,763	297,250	6,000	9,000	282,250	124,513	52,210	416	235,278	64	62,286
33	South Carolina	14	276,930	150,775	22,800	45,375	88,600	120,155	28,109	172	95,084	47	35,651
34	Tennessee	31	696,735	438,265	53,500	69,500	315,265	258,470	41,961	567	345,156	66	66,811
35	Texas	66	904,945	488,502	36,850	74,287	377,365	416,443	85,083	570	429,463	100	107,653
36	Utah	10	137,306	90,500	11,000	17,300	62,200	46,806	8,916	107	76,552	21	25,224
37	Vermont	23	165,875	76,050	50	600	75,400	29,825	13,130	117	58,980	21	14,202
38	Virginia	48	585,215	307,407	13,300	26,800	267,307	277,808	63,628	474	232,422	79	70,904
39	Washington	20	161,926	112,016	----------	----------	112,016	49,910	21,145	150	133,727	32	34,016
40	West Virginia	12	61,641	33,366	1,700	3,050	28,616	28,275	6,511	68	28,578	10	7,154
41	Wisconsin	68	597,065	380,395	5,300	3,600	371,495	216,670	122,407	591	279,548	97	83,617
42	All other states (a)	5	41,525	26,900	----------	----------	26,900	14,625	3,213	35	22,094	6	5,786

a Includes establishments distributed as follows: Nevada, 2; South Dakota, 3.

STATES AND TERRITORIES: 1890—Continued.

273.—PLUMBING AND GAS FITTING—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
16	$5,234	9,065	$6,027,137	3	$1,156	92	$15,809	91	$22,466					$9,037,469	$20,570,361	27
		32	22,274											48,242	87,758	28
4	1,312	1,613	938,815	1	200	32	6,976	4	914					1,801,725	3,848,512	29
1	600	155	116,844	1	600			1	936					300,415	572,195	30
10	4,001	3,370	1,995,977	2	354	31	6,600	53	17,732	1	$156			3,358,334	7,803,725	31
7	2,694	430	242,929	1	260	1	150							446,453	878,260	32
		29	12,525											27,690	54,825	33
		238	127,813	38	16,440	17	4,062							349,628	643,950	34
1	624	180	124,954			9	2,020							325,907	653,808	35
		118	91,098	2	520	1	260							189,174	370,615	36
1	624	77	42,198											98,608	207,827	37
		298	152,446			5	916	1	400					286,467	631,788	38
		426	354,428			1	312							560,596	1,188,800	39
1	150	92	48,048			11	2,237							113,223	232,507	40
2	784	737	375,000					12	2,016					761,054	1,471,786	41
		62	44,866					1	400					66,209	145,250	42

274.—POCKETBOOKS. (See also Leather goods.)

5	1,752	569	288,906	374	96,439	63	5,505	161	91,178	32	8,218	9	$1,665	968,948	2,165,462	1
1	400	61	30,545	144	37,600	1	156							96,352	246,096	2
1	468	123	61,860	57	10,400	40	2,080							171,452	346,000	3
1	208	282	140,746	97	28,036	15	2,340	127	78,388	29	7,768	9	1,665	570,076	1,244,292	4
2	676	71	38,728	36	9,686	7	929	34	12,790	1	300			113,988	250,524	5
		32	17,027	40	10,717					2	150			17,080	78,550	6

275.—PRINTING AND PUBLISHING, BOOK AND JOB. (See also Bookbinding and blank-book making.)

617	300,250	35,780	21,956,713	7,930	2,640,833	1,382	248,486	3,660	2,097,445	1,395	705,514			29,387,211	93,540,831	1
		141	89,421	18	6,262	4	469	12	5,660	2	600			97,115	312,966	2
		20	12,820	3	850			1	500					14,580	78,020	3
10	8,668	754	509,391	145	50,240	85	17,130	92	51,077	19	10,830			519,746	1,847,312	4
1	468	151	109,393	12	6,285	6	1,612							139,455	430,117	5
11	4,104	589	344,906	212	77,343	8	1,312	27	10,236	8	2,500			488,087	1,339,297	6
		49	30,720	36	9,022	17	3,060							19,437	104,600	7
6	2,504	1,661	1,330,866	451	362,721	5	650	472	350,259	444	393,328			1,256,934	3,914,547	8
		19	11,800	8	2,000			12	252					11,830	43,700	9
8	2,956	317	159,448	85	23,334	22	3,858	5	2,425					222,814	628,805	10
113	58,384	4,479	2,892,432	1,283	422,805	145	29,736	511	240,974	115	28,934			4,800,914	14,555,068	11
5	1,936	595	307,656	133	36,215	33	4,693	16	7,645					369,580	1,059,962	12
2	760	328	155,500	100	24,083	7	1,674	7	1,238					254,341	732,925	13
3	1,768	219	156,273	51	16,814	10	1,806	8	3,360	1	144			209,311	544,756	14
3	1,980	200	100,968	71	15,074	26	3,676	30	13,149	1	360			157,884	457,435	15
1	260	239	115,218			5	442	23	16,101					114,077	441,123	16
1	150	105	43,990	23	6,326	1	104	1	600	6	2,236			50,252	175,311	17
11	4,352	573	250,235	95	20,209	45	7,200	67	17,981	4	520			374,014	1,167,634	18
68	36,470	2,454	1,480,682	647	241,717	55	9,413	197	97,126	255	94,668			1,936,758	6,899,236	19
7	2,017	637	340,002	111	27,423	88	17,651	39	19,903	2	500			350,406	1,500,082	20
7	2,860	633	392,259	133	39,922	63	11,562	81	79,050	24	8,559			457,381	1,490,207	21
		4	2,287					2	250					3,397	9,840	22
42	19,282	2,165	1,278,066	664	186,588	120	21,042	82	38,932	35	13,174			1,785,161	5,039,953	23
2	920	227	144,654	38	12,921	40	8,756	8	4,192	3	1,560			162,219	546,185	24
		54	24,008	6	1,362	5	718	1	100	1	240			38,776	113,777	25
4	1,200	429	236,035	70	24,432	43	8,420	63	37,654	55	12,940			423,598	1,085,544	26
188	91,175	10,306	6,591,079	1,472	490,091	98	17,198	1,075	687,444	224	90,844			6,692,084	24,191,080	27
		53	23,114	4	750	8	970	4	600					32,303	84,450	28
40	15,773	2,098	1,138,541	684	165,223	95	16,575	109	66,332	32	5,346			2,818,018	6,086,891	29
		102	84,389	18	7,095	3	680	11	7,220					57,228	251,757	30
64	34,976	4,055	2,345,894	1,009	273,674	222	38,475	635	293,665	130	29,153			3,840,578	13,444,459	31
10	3,710	253	144,724	60	14,700	12	2,528	9	6,600	2	750			175,599	528,224	32
		82	45,132	40	14,020	2	125	1	156					102,954	275,604	33
2	732	393	252,820	83	20,651	21	3,542	2	600					275,091	854,891	34
1	780	376	289,210	39	10,847	16	2,371	19	14,286	19	4,316			483,386	1,213,888	35
		56	43,898	14	4,628	16	2,802							30,379	142,818	36
1	300	70	37,110	9	2,725	4	606	4	1,500	8	2,537			54,226	165,772	37
2	425	313	141,024	39	7,258	28	3,817	13	8,994					223,973	618,788	38
		104	94,385	8	2,720	5	1,456	1	1,150					75,323	278,477	39
1	520	26	12,496	12	2,391	7	922	9	4,320	3	775			17,268	66,786	40
2	560	429	179,687	40	9,080	12	1,426	9	4,478	2	700			239,270	771,744	41
1	260	22	14,180	4	1,032			2	836					11,464	46,200	42

TABLE 5.—SPECIFIED INDUSTRIES, BY

276.—PRINTING AND PUBLISHING, MUSIC. (See also Bookbinding and blank-book making.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	79	$1,816,205	$924,777	$52,200	$33,600	$838,977	$891,428	$362,117	701	$448,582	204	$209,341
2	Illinois	10	86,210	25,410	.....	.....	25,410	60,800	24,328	57	39,554	26	23,060
3	Massachusetts	19	536,561	242,818	.....	.....	242,818	293,743	98,060	157	98,612	47	52,656
4	Missouri	6	32,000	28,100	.....	.....	28,100	3,900	4,151	22	14,166	3	3,250
5	New York	14	311,430	105,600	.....	.....	105,600	205,830	52,448	190	136,748	52	65,350
6	Ohio	6	191,620	36,468	200	600	35,668	155,152	76,650	65	42,875	41	32,851
7	Pennsylvania	17	607,170	463,981	52,000	33,000	378,981	143,189	94,057	179	104,522	29	27,164
8	All other states (a)	7	51,214	22,400	.....	.....	22,400	28,814	12,423	31	12,105	6	5,010

a Includes establishments distributed as follows: California, 1; Indiana, 1; Iowa, 1; Michigan, 1; Minnesota, 1; Wisconsin, 2.

277.—PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS. (See also Bookbinding and blank-book making, and special report on Newspapers and periodicals in Part III.)

1	The United States...	12,362	120,269,885	78,760,034	10,409,896	11,769,253	56,580,885	47,509,851	35,727,039	106,095	68,601,532	17,576	16,697,805
2	Alabama	121	666,964	490,900	18,015	41,885	431,006	176,058	135,654	647	371,767	116	103,763
3	Arizona	21	100,598	70,050	1,000	9,850	59,200	30,548	19,100	124	83,091	33	26,012
4	Arkansas	144	500,349	323,240	18,445	24,335	280,460	177,109	122,419	624	322,742	105	82,256
5	California	376	4,345,600	3,193,578	612,282	736,802	1,844,494	1,152,022	1,118,276	3,405	2,800,203	583	653,153
6	Colorado	159	1,221,866	849,442	64,515	139,977	644,950	372,424	257,337	1,221	1,064,301	204	208,924
7	Connecticut	123	1,284,375	810,261	56,300	65,000	688,061	474,114	271,730	1,286	868,171	191	210,692
8	Delaware	26	241,104	169,700	25,700	27,300	116,700	71,404	22,776	215	108,150	37	29,234
9	District of Columbia	13	537,502	372,158	32,000	52,000	288,158	165,344	123,440	497	389,731	57	72,549
10	Florida	83	405,055	324,391	6,415	12,225	305,751	80,664	73,332	515	260,113	76	62,446
11	Georgia	204	1,286,729	1,003,100	144,670	170,025	688,405	283,629	300,163	1,415	769,724	228	178,299
12	Idaho	29	144,690	85,010	7,510	15,950	61,550	59,980	21,011	117	80,027	30	23,124
13	Illinois	996	9,714,024	5,338,353	173,057	564,567	4,600,729	4,375,671	3,282,077	9,502	6,431,079	1,543	1,595,357
14	Indiana	505	2,506,675	1,751,633	123,510	158,050	1,469,473	755,042	540,595	3,251	1,631,819	578	471,249
15	Indian territory	8	23,790	15,825	.....	.....	15,825	7,965	3,245	23	9,828	1	300
16	Iowa	643	3,501,710	2,337,298	212,305	301,810	1,823,183	1,164,412	547,460	3,576	1,744,480	686	528,551
17	Kansas	627	2,313,876	1,622,840	147,900	188,061	1,286,879	691,036	348,083	2,588	1,132,043	562	360,966
18	Kentucky	184	2,397,213	1,593,127	189,825	360,595	1,042,707	804,086	395,065	1,800	1,106,423	233	249,273
19	Louisiana	116	815,083	475,211	37,475	55,425	382,311	339,872	325,820	937	687,378	148	168,315
20	Maine	105	1,140,152	661,027	17,725	59,650	583,652	479,125	244,936	1,343	632,159	166	133,840
21	Maryland	113	1,385,133	953,525	188,525	183,500	581,500	431,608	307,413	1,251	846,819	198	182,126
22	Massachusetts	409	7,531,827	3,562,036	128,200	216,050	3,217,786	3,969,791	3,070,184	5,996	4,144,307	851	912,487
23	Michigan	506	3,436,287	2,232,274	194,175	249,650	1,788,449	1,204,013	701,001	3,668	1,824,744	556	428,008
24	Minnesota	341	3,693,259	1,789,318	93,725	286,775	1,408,818	1,903,941	891,956	2,630	1,707,637	437	454,247
25	Mississippi	114	297,757	198,495	10,105	19,705	168,685	99,262	45,505	384	158,038	85	53,865
26	Missouri	596	4,578,490	2,771,474	277,490	425,544	2,068,440	1,807,016	1,043,820	5,291	3,407,446	870	867,906
27	Montana	41	509,267	367,758	24,100	47,660	295,998	141,509	69,045	307	330,862	50	64,241
28	Nebraska	412	2,143,488	1,299,101	93,932	155,480	1,049,689	844,387	432,539	1,918	1,125,363	435	335,523
29	Nevada	11	73,290	57,200	4,600	10,500	42,100	16,090	14,323	63	58,725	7	7,784
30	New Hampshire	83	754,183	512,460	28,100	76,350	408,010	241,723	114,013	651	317,764	69	50,946
31	New Jersey	224	2,373,213	1,825,350	171,900	231,825	1,421,625	547,863	477,214	2,199	1,365,376	260	300,602
32	New Mexico	31	120,068	76,950	5,800	8,450	62,700	43,118	33,405	140	88,833	30	23,210
33	New York	1,263	29,716,028	18,123,764	4,061,676	3,335,248	10,726,840	11,592,264	11,281,003	18,086	14,933,132	3,294	3,633,807
34	North Carolina	120	449,877	303,532	30,300	48,975	224,257	146,345	89,455	567	236,590	80	53,728
35	North Dakota	78	491,274	351,880	22,825	72,675	256,380	139,394	59,106	337	203,352	60	49,489
36	Ohio	724	7,738,089	4,870,207	430,436	666,225	3,773,546	2,867,882	1,681,680	7,292	4,063,564	1,138	969,470
37	Oklahoma	15	46,145	39,700	2,750	1,800	35,150	6,445	17,736	83	32,131	9	4,340
38	Oregon	111	653,419	396,535	19,500	32,435	344,600	256,884	172,662	700	556,889	118	130,751
39	Pennsylvania	992	16,070,348	10,315,243	1,906,575	1,592,184	6,816,484	5,755,105	4,753,106	10,658	6,567,603	1,557	1,502,362
40	Rhode Island	40	661,944	485,267	81,820	109,200	294,247	176,677	192,815	579	374,894	71	71,902
41	South Carolina	76	438,704	289,025	22,400	47,550	219,075	149,679	83,419	449	237,385	76	55,357
42	South Dakota	149	579,169	410,562	25,735	67,625	327,202	168,607	88,758	578	301,545	132	90,940
43	Tennessee	178	1,708,359	1,170,294	205,788	259,825	704,681	538,065	291,840	1,357	827,531	231	198,381
44	Texas	391	1,670,937	1,114,316	63,945	156,993	893,378	556,621	444,470	1,995	1,193,550	376	294,119
45	Utah	21	537,098	223,568	54,200	24,600	144,768	313,530	110,133	378	279,277	54	61,106
46	Vermont	55	455,393	283,678	21,535	47,900	214,243	171,715	55,691	403	208,694	56	47,688
47	Virginia	157	750,320	442,334	45,795	66,675	329,864	313,986	173,345	899	442,131	173	114,415
48	Washington	125	1,035,182	780,109	94,150	113,057	572,902	255,073	205,376	797	683,827	134	137,949
49	West Virginia	103	438,110	307,900	20,950	36,100	250,850	130,210	74,383	532	222,052	99	66,104
50	Wisconsin	379	2,645,930	1,632,099	183,550	192,725	1,255,824	1,013,831	574,866	2,728	1,285,724	477	357,878
51	Wyoming	21	133,642	86,930	6,065	10,965	69,300	46,712	24,258	93	82,518	16	18,780

STATES AND TERRITORIES: 1890—Continued.

276.—PRINTING AND PUBLISHING, MUSIC. (See also Bookbinding and blank-book making.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
35	$15,458	328	$170,084	69	$21,341	24	$4,128	38	$26,634	3	$1,596	.....	.....	$401,415	$1,683,333	1
11	5,100	4	3,256	8	3,200	2	442	6	4,496	.....	.....	.....	.....	37,080	157,000	2
9	4,452	66	30,805	16	4,236	11	1,925	8	4,538	.....	.....	.....	.....	141,254	494,097	3
.....	.....	18	10,316	.....	.....	.....	.....	1	600	.....	.....	.....	.....	10,444	43,600	4
4	2,100	110	59,828	18	7,182	4	728	2	1,560	.....	.....	.....	.....	55,949	344,850	5
7	2,070	11	5,944	4	1,500	1	110	.....	.....	1	400	.....	.....	21,968	173,450	6
4	1,736	107	55,640	13	3,723	6	923	18	14,140	2	1,196	.....	.....	126,519	427,496	7
.....	.....	12	4,295	10	1,500	.....	.....	3	1,300	.....	.....	.....	.....	8,201	42,840	8

277.—PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS. (See also Bookbinding and blank-book making, and special report on Newspapers and periodicals in Part III.)

2,544	1,079,368	57,492	36,925,542	7 688	2,444,092	5,940	638,913	12,932	10,634,565	1,899	778,100	24	$3,207	38,955,322	179,859,750	1
1	600	385	226,337	17	4,966	69	7,049	58	28,272	1	780	.....	.....	159,555	809,577	2
.....	.....	72	49,342	9	4,435	7	582	3	2,720	.....	.....	.....	.....	26,557	154,590	3
7	3,066	389	208,386	27	7,171	65	8,100	25	12,763	6	1,000	.....	.....	181,126	737,588	4
23	13,083	1,897	1,508,518	242	92,180	215	23,063	474	469,904	61	40,302	.....	.....	1,426,629	6,500,445	5
9	3,978	786	738,797	58	29,792	89	16,099	71	64,013	4	2,098	.....	.....	439,558	2,211,057	6
12	5,128	689	441,038	115	43,824	37	4,955	203	148,286	39	14,248	.....	.....	339,698	1,775,664	7
2	572	113	53,402	14	3,003	12	1,722	36	19,817	1	400	.....	.....	37,503	202,496	8
22	11,181	197	140,245	11	4,665	5	330	190	156,081	15	4,680	.....	.....	300,794	1,173,567	9
10	7,000	281	148,052	29	8,708	71	6,967	48	20,940	.....	.....	.....	.....	110,292	524,108	10
23	12,202	880	491,897	72	20,901	81	7,399	118	56,486	13	2,540	.....	.....	537,271	2,078,024	11
1	416	68	52,157	6	1,830	10	1,300	2	1,200	.....	.....	.....	.....	28,237	160,783	12
284	138,461	4,971	3,326,130	786	279,230	572	60,157	1,253	993,523	84	37,519	9	702	4,000,623	17,348,845	13
45	17,187	1,747	847,732	300	79,918	261	28,992	284	175,291	36	11,450	.....	.....	774,429	3,589,513	14
.....	.....	16	8,370	3	784	3	374	.....	.....	.....	.....	.....	.....	6,811	26,912	15
36	12,744	1,888	908,834	357	86,988	335	30,938	234	161,362	39	14,963	1	100	863,764	3,818,623	16
34	11,789	1,346	568,348	243	59,730	223	24,599	150	99,917	28	6,594	2	100	556,941	2,514,749	17
37	17,633	1,052	595,195	96	25,985	102	11,127	275	205,080	5	2,130	.....	.....	481,713	2,552,701	18
21	8,074	453	295,967	51	20,748	39	6,347	224	187,567	1	360	.....	.....	288,846	1,547,951	19
228	64,419	540	281,600	212	68,586	16	1,767	101	54,326	80	27,621	.....	.....	367,256	1,719,477	20
10	4,894	715	425,878	25	7,494	29	4,051	272	221,336	2	1,040	.....	.....	431,560	2,004,724	21
271	143,116	2,865	1,917,832	680	282,351	60	8,616	741	632,462	528	247,443	.....	.....	2,902,340	12,019,706	22
48	16,290	1,818	958,075	366	91,420	461	40,191	370	274,253	49	16,507	.....	.....	915,521	4,350,948	23
50	23,106	1,457	847,027	204	77,753	131	16,461	320	273,622	31	15,421	.....	.....	771,151	4,157,026	24
2	650	209	84,646	28	7,263	46	4,065	13	7,041	1	508	.....	.....	71,759	384,797	25
83	37,269	2,847	1,670,407	365	103,745	233	24,848	827	683,977	66	19,294	.....	.....	1,708,128	7,920,887	26
2	1,350	186	187,094	10	6,444	7	2,096	49	67,096	3	2,541	.....	.....	101,519	569,226	27
28	12,621	1,053	660,909	136	42,824	144	17,464	104	49,516	18	6,506	.....	.....	569,920	2,676,183	28
.....	.....	31	25,458	2	600	1	120	22	24,763	.....	.....	.....	.....	15,227	106,497	29
9	3,964	350	180,354	84	26,181	20	2,064	51	27,411	68	26,844	.....	.....	190,829	805,751	30
148	45,196	1,309	745,477	69	18,128	71	9,051	286	229,072	56	17,850	.....	.....	566,188	2,965,362	31
3	876	78	50,416	4	1,820	8	1,208	11	7,999	6	3,304	.....	.....	34,577	206,681	32
514	236,218	10,081	8,757,948	1,007	351,794	640	66,564	2,243	1,765,463	304	120,898	3	440	9,650,150	44,393,071	33
.....	.....	363	152,266	14	2,997	88	14,095	22	13,504	.....	.....	.....	.....	116,750	595,635	34
4	1,836	190	110,488	31	10,614	13	2,221	39	28,704	.....	.....	.....	.....	112,769	503,782	35
163	57,504	3,911	2,122,097	637	162,117	307	30,816	1,038	687,104	98	34,456	.....	.....	2,404,807	10,928,510	36
.....	.....	60	26,125	3	620	11	1,046	.....	.....	.....	.....	.....	.....	14,398	72,905	37
9	6,929	354	286,170	79	31,548	45	5,336	83	86,207	12	9,948	.....	.....	209,813	1,130,762	38
289	108,279	6,103	3,573,232	610	174,429	576	58,534	1,419	1,119,259	95	29,643	9	1,865	4,448,814	20,536,538	39
7	2,514	299	211,679	24	9,276	84	10,672	77	63,770	17	5,081	.....	.....	187,758	900,283	40
.....	.....	287	132,699	5	1,004	22	2,700	58	45,505	1	120	.....	.....	74,755	518,927	41
5	1,460	300	164,803	60	15,862	33	3,479	43	23,073	5	1,928	.....	.....	124,528	627,828	42
25	11,810	752	398,164	87	29,672	54	6,072	190	173,556	18	9,876	.....	.....	368,500	1,832,228	43
19	9,362	1,163	670,000	74	25,051	126	15,423	224	175,550	13	4,045	.....	.....	514,635	2,757,522	44
1	500	179	142,828	44	13,679	41	6,792	54	52,411	5	1,961	.....	.....	113,953	591,805	45
9	3,900	198	104,989	55	18,381	20	2,247	30	18,306	35	13,183	.....	.....	120,838	461,796	46
3	1,034	554	263,101	12	1,846	85	7,341	71	54,244	1	150	.....	.....	173,334	1,008,150	47
1	520	428	263,351	43	17,591	34	4,156	152	157,388	5	2,881	.....	.....	234,127	1,400,064	48
3	1,040	262	115,201	39	7,381	78	6,084	49	25,992	2	250	.....	.....	114,765	537,362	49
33	11,761	1,357	640,457	238	59,575	259	22,983	318	174,373	46	18,697	.....	.....	734,777	3,256,897	50
10	7,836	53	46,024	5	1,188	1	250	7	7,400	1	1,040	.....	.....	29,529	191,227	51

TABLE 5.—SPECIFIED INDUSTRIES, BY

278.—PRINTING MATERIALS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	64	$1,370,487	$562,878	$16,500	$62,056	$484,322	$807,609	$121,874	866	$486,106	142	$143,500
2	Connecticut	3	72,905	38,200	8,000	5,800	24,400	34,705	3,443	51	28,640	3	3,347
3	Illinois	10	693,075	307,800	1,600	36,000	270,200	385,275	36,439	329	163,880	33	42,548
4	Massachusetts	5	8,567	6,550	.....	.....	6,550	2,017	2,089	13	7,993	6	4,595
5	Missouri	3	20,200	7,200	.....	.....	7,200	13,000	3,443	12	9,060	5	5,120
6	New Jersey	3	22,750	6,650	.....	.....	6,650	16,100	6,492	48	29,637	8	7,540
7	New York	17	342,368	135,833	5,400	11,853	118,580	206,535	46,183	199	132,500	40	42,338
8	Ohio	3	4,975	2,575	.....	.....	2,575	2,400	1,894	10	5,150	5	3,476
9	Pennsylvania	10	92,977	20,027	.....	.....	20,027	72,950	10,887	81	53,278	20	18,928
10	All other states and territories. (a)	10	112,670	38,043	1,500	8,403	28,140	74,627	11,004	123	55,968	22	15,668

a Includes establishments distributed as follows: California, 1; Colorado, 1; District of Columbia, 1; Maryland, 1; Michigan, 1; Minnesota, 1; Texas, 1; Virginia, 1; Wisconsin, 2.

279.—PRINTING, TIP.

1	The United States...	27	154,910	114,000	.....	.....	114,000	40,910	26,992	292	158,600	39	44,914
2	New Jersey	4	6,050	5,000	.....	.....	5,000	1,050	2,332	18	8,448	5	4,560
3	New York	16	109,635	80,500	.....	.....	80,500	29,135	16,552	224	124,942	24	32,270
4	All other states (a)	7	39,225	28,500	.....	.....	28,500	10,725	8,108	50	25,210	10	8,084

a Includes establishments distributed as follows: Connecticut, 2; Maryland, 1; Massachusetts, 2; Pennsylvania, 2.

280.—PULP GOODS.

1	The United States...	9	418,045	228,574	34,990	78,118	115,466	189,471	46,228	276	139,034	23	27,370
2	New York	4	140,826	101,500	22,500	30,000	49,000	39,326	6,722	112	52,103	12	12,600
3	All other states (a)	5	277,219	127,074	12,490	48,118	66,466	150,145	39,506	164	86,931	11	14,770

a Includes establishments distributed as follows: Illinois, 1; Massachusetts, 2; Minnesota, 2.

281.—PULP, WOOD.

1	The United States...	82	7,455,449	5,961,654	1,054,400	1,725,211	3,182,043	1,493,795	499,722	2,830	1,228,901	143	146,373
2	Indiana	7	205,470	183,500	23,500	56,700	103,300	21,970	22,961	136	57,050	10	7,530
3	Maine	11	2,695,498	1,095,602	399,000	503,799	1,092,803	699,896	177,001	793	366,257	37	41,230
4	Michigan	10	933,233	837,761	109,000	327,245	401,516	95,472	57,644	364	167,265	26	24,310
5	New Hampshire	3	87,400	68,000	8,000	18,667	41,333	19,400	3,525	40	19,660	2	2,000
6	New York	25	1,487,948	1,184,491	163,500	349,500	671,491	303,457	105,649	567	251,561	35	35,141
7	Vermont	7	174,800	135,600	18,700	35,800	81,100	39,200	11,037	125	48,666	8	8,616
8	Wisconsin	8	433,306	376,500	73,000	137,500	160,000	56,806	19,934	247	85,016	8	8,767
9	All other states (a)	11	1,437,794	1,180,200	259,700	296,000	624,500	257,594	101,971	558	233,426	17	18,779

a Includes establishments distributed as follows: California, 1; Maryland, 1; Massachusetts, 2; North Carolina, 1; Ohio, 1; Pennsylvania, 2; Virginia, 1; West Virginia, 2.

282.—PULP FROM FIBER, OTHER THAN WOOD.

1	The United States (a) ...	7	583,837	321,500	38,000	78,500	205,000	262,337	33,202	168	93,256	15	24,200

a Includes establishments distributed as follows: California, 1; Delaware, 2; Missouri, 1; New York, 1; Pennsylvania, 1; Texas, 1.

283.—PUMPS, NOT INCLUDING STEAM PUMPS.

1	The United States...	256	3,540,097	1,697,572	447,855	631,059	618,658	1,842,525	225,377	2,140	1,145,145	379	314,781
2	Illinois	10	607,520	242,677	76,000	81,321	85,356	364,843	16,233	271	159,070	42	44,460
3	Indiana	27	306,070	96,937	22,325	30,212	44,400	209,133	22,679	213	101,936	44	33,516
4	Iowa	5	144,565	42,275	5,750	21,000	15,525	102,290	10,997	79	42,475	15	13,580
5	Kentucky	3	40,923	21,625	11,150	5,150	5,325	19,298	1,458	20	11,830	3	1,690
6	Maine	4	11,730	6,350	1,000	2,250	3,100	5,380	1,146	10	4,136	5	2,230
7	Maryland	4	7,058	6,200	900	3,050	2,250	858	394	7	2,500	4	1,907
8	Massachusetts	7	22,870	15,100	1,250	5,650	8,200	7,770	1,445	14	6,966	5	2,541
9	Michigan	24	60,815	33,535	4,010	8,225	21,300	27,280	7,255	65	26,569	23	10,858
10	Minnesota	3	29,720	21,120	2,540	12,080	6,500	8,600	1,878	14	8,400	4	2,250

STATES AND TERRITORIES: 1890—Continued.

278.—PRINTING MATERIALS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
9	$4,510	440	$253,394	20	$6,456	16	$3,108	79	$47,876	160	$27,262	.....	.....	$567,638	$1,459,434	1
.....	.....	24	14,059	3	456	.....	.....	11	7,716	10	3,062	.....	.....	15,891	55,072	2
3	1,430	68	53,028	14	5,200	3	874	58	36,600	150	24,200	.....	.....	113,398	439,400	3
.....	.....	6	3,366	.....	.....	1	32	.....	.....	.....	.....	.....	.....	8,598	19,431	4
.....	.....	7	3,940	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,705	31,200	5
.....	.....	30	19,497	2	600	.....	.....	8	2,000	.....	.....	.....	.....	43,170	99,000	6
3	1,560	151	86,418	.....	.....	3	624	2	1,560	.....	.....	.....	.....	245,180	505,845	7
.....	.....	5	1,674	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,631	11,600	8
.....	.....	52	32,642	1	200	8	1,508	.....	.....	.....	.....	.....	.....	75,180	162,252	9
3	1,520	97	38,770	.....	.....	1	70	.....	.....	.....	.....	.....	.....	50,885	135,544	10

279.—PRINTING, TIP.

1	500	203	98,972	42	12,570	6	1,124	1	520	.....	.....	.....	.....	114,967	368,601	1
.....	.....	13	3,888	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,160	22,800	2
1	500	156	79,114	39	11,914	3	624	1	520	.....	.....	.....	.....	45,686	227,100	3
.....	.....	34	16,970	3	656	3	500	.....	.....	.....	.....	.....	.....	65,121	118,701	4

280.—PULP GOODS.

1	180	211	99,418	13	2,426	7	805	17	7,922	4	913	.....	.....	122,851	352,582	1
.....	.....	85	34,883	6	1,121	.....	.....	9	3,499	.....	.....	.....	.....	29,140	98,465	2
1	180	126	64,535	7	1,305	7	805	8	4,423	4	913	.....	.....	93,711	254,177	3

281.—PULP, WOOD.

5	2,630	2,536	1,043,737	22	4,672	41	5,595	83	25,894	.....	.....	.....	.....	2,005,166	4,627,796	1
.....	.....	126	49,520	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63,830	187,311	2
4	2,150	752	322,877	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	610,659	1,518,611	3
.....	.....	318	138,455	20	4,500	.....	.....	.....	.....	.....	.....	.....	.....	359,738	626,182	4
.....	.....	38	17,660	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,040	58,000	5
.....	.....	522	212,789	.....	.....	.....	.....	10	3,631	.....	.....	.....	.....	431,999	996,788	6
.....	.....	87	36,300	.....	.....	.....	.....	30	3,750	.....	.....	.....	.....	72,310	159,148	7
1	480	227	73,294	.....	.....	11	2,475	.....	.....	.....	.....	.....	.....	117,727	258,775	8
.....	.....	466	192,842	2	172	30	3,120	43	18,513	.....	.....	.....	.....	428,863	822,981	9

282.—PULP FROM FIBER, OTHER THAN WOOD.

1	150	125	52,581	.....	.....	2	300	25	16,025	.....	.....	.....	.....	126,902	524,243	1

283.—PUMPS, NOT INCLUDING STEAM PUMPS.

7	2,790	1,660	783,489	1	200	13	1,777	80	42,108	.....	.....	.....	.....	1,681,275	4,103,410	1
1	350	217	108,080	.....	.....	.....	.....	11	6,180	.....	.....	.....	.....	267,145	638,600	2
1	156	161	67,177	.....	.....	1	50	6	1,037	.....	.....	.....	.....	182,978	421,870	3
3	1,404	60	27,308	.....	.....	.....	.....	1	183	.....	.....	.....	.....	130,702	221,550	4
.....	.....	17	10,140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,785	20,604	5
.....	.....	5	1,900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,490	19,675	6
.....	.....	3	593	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	736	4,345	7
.....	.....	9	4,425	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,425	19,130	8
.....	.....	40	15,361	.....	.....	.....	.....	2	350	.....	.....	.....	.....	27,492	71,428	9
.....	.....	10	6,150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,590	22,042	10

TABLE 5.—SPECIFIED INDUSTRIES, BY

283.—PUMPS, NOT INCLUDING STEAM PUMPS—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.	Officers, firm members, and clerks. Males above 16 years. Number.	Wages.
11	Missouri	4	$82,310	$53,040	$23,500	$17,000	$12,540	$29,270	$5,989	89	$38,626	13	$16,300
12	New Jersey	7	21,695	14,370	3,000	3,900	7,470	7,325	1,276	22	13,468	6	4,836
13	New York	44	195,931	91,775	18,790	28,926	44,059	104,156	23,204	161	106,119	53	40,499
14	Ohio	49	867,511	314,391	34,675	151,330	128,386	553,120	95,450	656	317,620	91	73,634
15	Pennsylvania	15	163,201	105,527	54,150	29,600	21,777	57,674	6,812	51	30,221	18	12,705
16	Tennessee	4	49,220	13,901	200	890	12,811	35,319	7,235	64	35,972	5	5,063
17	Wisconsin	31	148,193	76,324	25,465	19,625	31,234	71,869	8,761	107	55,741	25	17,184
18	All other states (a)	15	780,765	542,425	163,150	210,850	168,425	238,340	13,365	297	183,496	23	31,522

a Includes establishments distributed as follows: California, 2; Connecticut, 2; Delaware, 1; Florida, 1; Kansas, 2; New Hampshire, 1; Oregon, 1; Rhode Island, 1; Vermont, 2; Virginia, 1; West Virginia, 1.

284.—RACKING HOSE. (See "All other industries", at end of table.)

285.—REFRIGERATORS.

1	The United States	82	3,367,329	1,149,199	313,942	404,654	430,603	2,218,130	295,322	2,373	1,252,765	191	217,513
2	Illinois	4	75,900	13,500	5,000	3,000	5,500	62,400	2,920	123	52,294	23	21,938
3	Maryland	5	59,439	22,200	2,500	13,500	6,200	37,239	5,402	53	28,583	11	8,015
4	Massachusetts	13	188,279	55,542	12,442	17,800	25,300	132,737	16,785	143	93,671	19	20,814
5	Michigan	6	395,299	151,961	45,000	63,000	43,961	243,338	39,010	239	83,183	20	15,137
6	Missouri	5	512,650	198,400	82,000	30,800	85,600	314,250	18,251	279	156,334	12	26,520
7	New Jersey	3	17,450	9,400	3,000	3,500	2,900	8,050	1,286	24	16,010	3	3,780
8	New York	22	1,167,308	424,798	102,500	179,704	142,594	742,510	115,071	875	487,664	54	74,521
9	Ohio	5	248,150	121,650	43,000	35,100	43,550	126,500	16,495	133	69,624	15	13,630
10	Pennsylvania	9	204,770	29,327	3,500	2,000	23,827	175,443	26,768	206	127,140	21	19,708
11	Wisconsin	3	120,445	46,100	6,000	25,050	15,050	74,345	19,105	95	44,078	4	3,570
12	All other states (a)	7	377,639	76,321	9,000	31,200	36,121	301,318	34,229	203	94,184	9	9,880

a Includes establishments distributed as follows: Indiana, 2; Kentucky, 1; Louisiana, 1; Maine, 1; Texas, 1; Vermont, 1.

286.—REGALIA AND SOCIETY BANNERS AND EMBLEMS. (See also Flags and banners.)

1	The United States	137	1,841,193	278,565	31,001	32,641	214,923	1,562,628	247,882	2,379	1,044,722	258	283,998
2	California	3	25,875	2,875	.....	.....	2,875	23,000	1,257	19	15,326	2	5,560
3	Illinois	9	64,666	6,390	.....	.....	6,390	58,276	11,274	178	78,576	13	13,320
4	Maryland	3	36,150	23,500	.....	.....	23,500	12,650	2,700	49	20,594	9	5,600
5	Massachusetts	13	71,390	17,950	500	2,700	14,750	53,440	12,571	94	45,800	13	11,014
6	Missouri	4	14,540	1,825	.....	.....	1,825	12,715	2,169	39	16,734	6	5,672
7	New York	49	201,798	55,281	3,559	4,016	47,706	146,517	29,597	257	150,707	65	63,855
8	Ohio	12	778,505	51,175	5,000	3,100	43,075	727,330	147,770	1,188	444,832	97	117,314
9	Pennsylvania	32	256,420	106,962	17,600	22,500	66,862	149,458	22,046	260	135,533	37	44,931
10	All other states (a)	12	391,849	12,607	4,342	325	7,940	379,242	18,498	295	136,530	16	16,732

a Includes establishments distributed as follows: Connecticut, 2; Indiana, 1; Maine, 1; Michigan, 2; Rhode Island, 1; Texas, 2; Virginia, 2; Wisconsin, 1.

287.—REGISTERS, CAR FARE.

1	The United States	7	74,725	32,950	.....	.....	32,950	41,775	13,098	101	64,074	9	9,476
2	Connecticut	3	33,825	15,650	.....	.....	15,650	18,175	6,086	69	38,372	4	3,500
3	All other states (a)	4	40,900	17,300	.....	.....	17,300	23,600	7,012	32	25,702	5	5,976

a Includes establishments distributed as follows: Illinois, 1; New York, 1; Ohio, 1; Pennsylvania, 1.

288.—REGISTERS, CASH.

1	The United States (a)	5	292,150	96,050	8,000	25,000	63,050	196,100	16,805	742	434,140	44	37,234

a Includes establishments distributed as follows: Illinois, 1; New York, 2; Ohio, 2.

STATES AND TERRITORIES: 1890—Continued.

283.—PUMPS, NOT INCLUDING STEAM PUMPS—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	64	$19,789	.....	.....	10	$1,337	2	$1,200	.....	.....	.....	.....	$106,191	$172,025	11
.....	.....	15	7,852	.....	.....	.....	.....	1	780	.....	.....	.....	.....	34,375	75,198	12
.....	.....	106	64,920	1	$200	.....	.....	1	500	.....	.....	.....	.....	76,633	258,743	13
2	$880	519	218,356	.....	.....	.....	.....	44	24,750	.....	.....	.....	.....	389,457	1,088,713	14
.....	.....	31	16,559	.....	.....	.....	.....	2	957	.....	.....	.....	.....	48,272	115,430	15
.....	.....	59	30,909	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85,353	152,318	16
.....	.....	72	33,496	.....	.....	2	390	8	4,671	.....	.....	.....	.....	66,753	178,228	17
.....	.....	272	150,474	.....	.....	.....	.....	2	1,500	.....	.....	.....	.....	127,898	614,502	18

284.—RACKING HOSE. (See "All other industries", at end of table.)

285.—REFRIGERATORS.

4	1,420	1,542	749,663	30	6,480	69	10,750	480	254,373	27	$8,172	30	$4,394	2,377,958	4,513,610	1
.....	.....	100	30,356	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43,880	116,000	2
.....	.....	32	14,323	.....	.....	1	78	9	6,167	.....	.....	.....	.....	33,590	78,918	3
1	208	109	64,124	.....	.....	.....	.....	14	8,525	.....	.....	.....	.....	82,993	234,173	4
1	400	195	56,246	.....	.....	.....	.....	23	11,400	.....	.....	.....	.....	121,532	286,285	5
.....	.....	198	92,034	3	780	.....	.....	50	31,000	16	6,000	.....	.....	1,118,048	1,393,179	6
.....	.....	21	12,230	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,380	35,735	7
1	500	388	240,402	23	4,600	68	10,672	300	150,403	11	2,172	30	4,394	502,071	1,301,091	8
.....	.....	112	54,444	4	1,100	.....	.....	2	450	.....	.....	.....	.....	66,730	195,600	9
1	312	115	66,840	.....	.....	.....	.....	69	40,280	.....	.....	.....	.....	159,963	396,440	10
.....	.....	91	40,508	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52,855	109,845	11
.....	.....	181	78,156	.....	.....	.....	.....	13	6,148	.....	.....	.....	.....	184,916	366,350	12

286.—REGALIA AND SOCIETY BANNERS AND EMBLEMS. (See also Flags and banners.)

41	22,871	636	328,159	1,056	297,906	12	1,580	39	23,772	335	86,251	2	185	1,246,906	3,203,890	1
.....	.....	3	2,600	12	6,816	.....	.....	.....	.....	2	350	.....	.....	16,325	55,700	2
1	520	69	37,170	95	27,566	.....	.....	.....	.....	.....	.....	.....	.....	61,248	186,060	3
.....	.....	22	10,000	18	4,994	.....	.....	.....	.....	.....	.....	.....	.....	15,838	57,404	4
3	1,940	47	20,146	24	8,950	.....	.....	3	1,750	4	2,000	.....	.....	58,011	175,350	5
4	1,790	13	6,288	13	2,644	2	240	.....	.....	1	100	.....	.....	3,772	26,750	6
7	2,822	82	53,282	74	24,540	.....	.....	.....	.....	28	6,238	1	60	176,152	434,529	7
18	10,300	257	117,442	577	132,890	1	100	23	13,850	215	52,936	.....	.....	548,196	1,372,070	8
1	480	77	45,016	75	22,507	9	1,240	11	6,972	49	14,262	1	125	188,684	472,449	9
7	5,019	66	36,215	168	66,999	.....	.....	2	1,200	36	10,365	.....	.....	178,680	423,578	10

287.—REGISTERS, CAR FARE.

1	450	90	54,076	.....	.....	1	72	.....	.....	.....	.....	.....	.....	32,618	141,320	1
.....	.....	64	24,800	.....	.....	1	72	.....	.....	.....	.....	.....	.....	11,778	63,500	2
1	450	26	19,276	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,840	77,820	3

288.—REGISTERS, CASH.

1	624	568	363,418	99	18,364	10	1,500	20	13,000	.....	.....	.....	.....	222,576	1,281,500	1

TABLE 5.—SPECIFIED INDUSTRIES, BY

289.—RICE, CLEANING AND POLISHING.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	32	$2,073,884	$1,422,273	$301,870	$560,850	$559,553	$651,611	$147,992	743	$319,593	96	$96,160
2	Lonisiana	16	1,033,700	533,500	95,800	184,500	253,200	500,200	92,429	409	182,827	54	49,219
3	New York	3	149,803	62,803			62,803	87,000	12,285	41	33,848	6	13,300
4	North Carolina	3	80,281	49,270	6,020	18,100	25,150	31,011	4,711	48	14,249	5	4,940
5	South Carolina	6	354,400	326,000	60,000	113,000	153,000	28,400	26,767	159	53,685	16	15,985
6	All other states (a)	4	455,700	450,700	140,050	245,250	65,400	5,000	11,800	86	34,984	15	12,716

a Includes establishments distributed as follows: Florida, 1; Georgia, 3.

290.—ROOFING AND ROOFING MATERIALS. (See also Tinsmithing, coppersmithing, and sheet-iron working.)

1	The United States...	2,140	13,303,597	5,409,441	1,608,574	1,549,458	2,251,409	7,894,156	1,117,670	13,333	8,558,026	2,353	2,067,893
2	Alabama	12	75,288	28,151	5,500	6,600	16,051	47,137	6,593	104	67,089	18	19,176
3	Arkansas	5	10,640	7,500	4,000	1,200	2,300	3,140	504	11	6,653	4	3,170
4	California	28	150,837	43,024	9,750	11,500	21,774	107,813	17,706	196	137,823	37	28,411
5	Connecticnt	16	47,188	7,601	1,000	1,000	5,601	39,587	4,296	71	45,033	13	9,840
6	Delawaro	18	97,230	51,420	17,800	21,700	11,920	45,810	5,213	94	54,152	17	11,238
7	District of Columbia	5	46,010	6,030	3,200	1,000	1,830	39,980	2,353	49	34,864	6	5,600
8	Florida	7	14,568	6,220	620	2,200	3,400	8,348	1,066	27	16,560	5	4,420
9	Georgia	17	40,3 0	8,910			8,910	31,480	6,014	134	63,134	9	5,904
10	Illinois	102	820,910	358,776	122,916	96,700	139,160	462,134	71,860	940	613,882	116	113,465
11	Indiana	106	283,632	113,190	39,160	33,600	40,430	170,442	23,740	427	232,249	84	59,074
12	Iowa	27	112,275	43,840	13,250	21,970	8,620	68,435	8,453	110	60,027	25	18,973
13	Kansas	19	73,235	43,650	19,400	14,625	9,625	29,585	5,101	73	45,041	21	17,648
14	Kentucky	113	410,707	165,795	59,295	54,800	51,700	244,912	57,062	519	280,655	113	83,278
15	Louisiana	23	128,201	20,155	7,800	3,100	9,255	108,046	8,978	144	89,187	30	30,227
16	Maine	5	24,025	6,675	2,000	1,200	3,475	17,350	2,907	34	15,384	4	2,420
17	Maryland	54	186,481	90,277	11,725	45,037	33,515	96,204	16,678	184	85,034	55	32,955
18	Massachusetts	138	709,082	172,929	58,889	28,360	85,680	536,153	98,155	891	615,959	155	152,600
19	Michigan	40	230,500	117,595	33,300	30,550	47,745	112,905	12,590	265	160,180	55	46,353
20	Minnesota	22	274,880	82,450	32,400	10,500	39,550	192,430	17,029	251	172,306	33	37,253
21	Missouri	120	968,250	352,345	172,530	64,785	115,030	615,905	114,162	861	549,720	172	165,593
22	Nebraska	10	17,120	5,190	600	1,100	3,490	11,930	2,417	34	17,437	6	4,348
23	New Hampshire	5	8,060	3,670	625	725	2,320	4,390	413	14	7,013	3	1,470
24	New Jersey	70	559,743	327,310	133,650	83,675	109,985	232,433	47,079	585	390,411	81	75,081
25	New York	343	3,541,680	1,647,325	362,634	415,680	869,011	1,894,355	243,122	2,956	2,196,401	440	479,701
26	North Carolina	4	11,505	5,385	1,500	2,800	1,085	6,120	657	12	3,803	3	1,390
27	Ohio	287	1,655,960	592,146	169,405	210,191	212,550	1,063,814	139,975	1,543	849,041	317	242,330
28	Oregon	3	92,550	47,000	24,000	10,000	13,000	45,550	9,380	75	68,145	9	12,700
29	Pennsylvania	393	1,944,927	798,185	234,200	295,655	268,330	1,146,742	139,364	1,892	1,168,505	375	286,092
30	Rhode Island	5	33,700	9,600	1,000	2,300	6,300	24,100	2,422	41	22,236	6	4,020
31	South Carolina	8	31,409	11,023	1,500	6,000	3,523	20,386	2,453	39	20,304	6	6,090
32	Tennessee	32	158,065	55,570	11,150	19,700	24,720	102,495	10,512	190	106,952	29	21,341
33	Texas	28	186,406	55,851	22,800	10,850	22,201	130,555	15,269	165	123,392	29	30,918
34	Virginia	25	82,470	42,420	12,050	17,750	12,620	40,050	6,114	111	53,503	16	10,576
35	Washington	3	21,024	3,700			3,700	17,324	735	47	30,814	3	2,260
36	West Virginia	14	80,009	10,868	1,175	3,530	6,163	69,141	6,880	70	39,967	17	12,320
37	Wisconsin	25	135,390	50,865	15,250	9,075	26,540	84,525	7,417	142	80,814	30	20,878
38	All other states (a)	8	39,250	16,800	2,500	4,000	10,300	22,450	3,001	52	34,356	11	8,690

a Includes establishments distributed as follows: Colorado, 1; Mississippi, 2; North Dakota, 1; South Dakota, 1; Vermont, 2; Wyoming, 1.

291.—RUBBER AND ELASTIC GOODS.

1	The United States...	139	13,703,787	4,920,715	475,650	1,172,040	3,273,025	8,783,072	1,133,182	9,802	4,516,266	579	831,078
2	Connecticut	16	2,300,590	918,885	55,390	311,557	551,738	1,381,905	108,115	2,327	1,011,815	77	139,938
3	Illinois	11	128,690	66,660	26,200	10,700	29,760	62,030	13,504	125	52,895	18	17,640
4	Massachusetts	50	6,836,190	2,312,441	331,500	578,243	1,402,698	4,523,749	594,527	3,739	1,700,538	251	323,988
5	New Jersey	12	1,458,691	615,100	31,000	81,000	503,100	843,591	128,136	984	523,080	64	130,350
6	New York	20	751,195	287,020	4,500	44,000	238,520	464,175	35,228	920	484,624	68	105,164
7	Ohio	7	1,162,512	409,914	20,500	120,890	268,524	752,598	89,504	714	295,290	50	51,124
8	Pennsylvania	8	632,977	165,172	2,000	8,000	155,172	367,805	89,588	355	192,912	12	25,170
9	Rhode Island	4	358,764	86,570			86,570	272,194	63,661	463	189,846	24	27,864
10	Wisconsin	3	146,685	46,288	3,960	14,650	27,678	100,397	5,918	141	52,404	8	5,724
11	All other states (a)	8	27,493	12,865	600	3,000	9,265	14,628	5,001	34	12,862	7	4,116

a Includes establishments distributed as follows: California, 2; Indiana, 1; Maine, 1; Maryland, 1; Michigan, 1; Missouri, 2.

STATES AND TERRITORIES: 1890—Continued.

289.—RICE, CLEANING AND POLISHING.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	627	$220,768	9	$1,323	7	$714	3	$592	.....	.....	1	$36	$5,601,206	$6,693,196	1
.....	.....	340	131,918	4	348	7	714	3	592	.....	.....	1	36	3,423,650	4,009,901	2
.....	.....	35	20,548	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,145,110	1,253,918	3
.....	.....	43	9,309	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	157,200	199,160	4
.....	.....	143	37,700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190,800	315,056	5
.....	.....	66	21,293	5	975	.....	.....	.....	.....	.....	.....	.....	.....	684,446	915,161	6

290.—ROOFING AND ROOFING MATERIALS. (See also Tinsmithing, coppersmithing, and sheet-iron working.)

43	$20,619	10,644	6,390,445	27	5,602	103	18,046	159	54,986	.....	.....	4	435	14,712,379	29,413,813	1
.....	.....	76	43,313	.....	.....	5	700	5	3,900	.....	.....	.....	.....	140,846	254,224	2
.....	.....	6	3,223	.....	.....	1	260	.....	.....	.....	.....	.....	.....	13,349	23,204	3
.....	.....	151	107,402	.....	.....	2	780	6	1,230	.....	.....	.....	.....	140,764	357,216	4
.....	.....	58	35,193	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	84,050	153,857	5
.....	.....	74	42,589	.....	.....	3	325	.....	.....	.....	.....	.....	.....	45,333	120,261	6
.....	.....	43	29,264	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,140	81,899	7
.....	.....	22	12,140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,540	39,375	8
.....	.....	125	57,140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	81,678	180,960	9
4	1,640	813	496,627	.....	.....	1	100	6	2,050	.....	.....	.....	.....	1,443,986	2,500,133	10
4	1,190	328	170,470	2	260	9	1,255	.....	.....	.....	.....	.....	.....	371,596	720,885	11
1	200	79	39,895	.....	.....	2	475	3	484	.....	.....	.....	.....	97,327	184,966	12
.....	.....	52	27,393	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69,620	134,901	13
1	156	383	192,989	1	400	20	3,782	1	50	.....	.....	.....	.....	743,608	1,408,819	14
.....	.....	99	54,018	.....	.....	5	780	10	4,162	.....	.....	.....	.....	97,018	232,448	15
.....	.....	30	12,964	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,724	44,775	16
.....	.....	124	51,442	.....	.....	.....	.....	3	377	.....	.....	2	260	131,793	315,287	17
2	1,180	726	460,625	.....	.....	.....	.....	8	1,554	.....	.....	.....	.....	1,069,682	2,051,310	18
.....	.....	208	113,427	.....	.....	1	100	1	300	.....	.....	.....	.....	333,966	620,627	19
.....	.....	213	133,553	.....	.....	5	1,500	.....	.....	.....	.....	.....	.....	284,092	519,993	20
7	3,250	646	368,021	1	550	5	776	30	11,530	.....	.....	.....	.....	955,150	1,981,704	21
.....	.....	28	13,089	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,273	57,917	22
.....	.....	11	5,543	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,594	21,868	23
2	1,125	481	313,997	.....	.....	1	208	.....	.....	.....	.....	.....	.....	727,150	1,311,952	24
6	4,436	2,442	1,693,328	21	3,848	4	565	43	14,523	.....	.....	.....	.....	2,919,420	6,693,369	25
.....	.....	7	2,193	.....	.....	2	220	.....	.....	.....	.....	.....	.....	7,401	15,493	26
12	4,990	1,187	593,871	.....	.....	13	2,050	12	5,625	.....	.....	2	175	2,261,339	3,926,389	27
.....	.....	60	55,445	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	98,630	215,330	28
4	2,452	1,465	867,541	1	400	18	3,419	29	8,601	.....	.....	.....	.....	1,618,447	3,459,948	29
.....	.....	35	18,216	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,030	83,500	30
.....	.....	32	14,134	.....	.....	1	80	.....	.....	.....	.....	.....	.....	24,989	53,716	31
.....	.....	157	84,671	.....	.....	2	340	2	600	.....	.....	.....	.....	212,205	405,442	32
.....	.....	135	92,330	1	144	.....	.....	.....	.....	.....	.....	.....	.....	178,336	379,685	33
.....	.....	95	42,927	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118,515	232,001	34
.....	.....	44	28,554	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40,492	82,194	35
.....	.....	52	27,491	.....	.....	1	156	.....	.....	.....	.....	.....	.....	63,375	138,130	36
.....	.....	110	59,761	.....	.....	2	175	.....	.....	.....	.....	.....	.....	123,241	260,911	37
.....	.....	41	25,666	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62,671	148,064	38

291.—RUBBER AND ELASTIC GOODS.

40	21,212	3,613	1,846,539	2,092	612,951	279	50,890	896	456,113	2,204	$676,990	99	20,493	11,113,528	18,708,917	1
5	2,000	745	396,908	504	161,232	151	27,408	234	94,040	558	179,996	53	10,293	2,093,148	3,476,398	2
4	1,800	29	17,020	18	4,409	2	416	4	1,150	50	10,460	.....	.....	103,877	215,178	3
16	8,916	1,398	705,157	970	264,706	46	9,394	182	112,952	868	274,225	8	1,200	5,311,880	8,518,612	4
2	650	465	237,564	77	22,752	58	9,664	168	83,200	120	32,400	30	6,500	1,157,124	2,135,705	5
4	3,300	402	202,964	261	95,884	.....	.....	12	5,600	173	71,712	.....	.....	636,225	1,384,820	6
6	3,430	224	106,862	36	10,080	14	2,500	127	75,057	257	46,237	.....	.....	1,002,772	1,486,777	7
.....	.....	160	84,778	47	7,506	8	1,508	98	62,450	22	9,000	8	2,500	343,917	643,467	8
1	416	155	74,666	155	39,600	.....	.....	65	18,700	63	28,600	.....	.....	359,668	629,000	9
2	700	27	15,670	9	3,810	.....	.....	5	2,500	90	24,000	.....	.....	76,432	157,400	10
.....	.....	8	4,950	15	2,972	.....	.....	1	464	3	360	.....	.....	28,476	61,560	11

TABLE 5.—SPECIFIED INDUSTRIES, BY

292.—RUBBER, VULCANIZED. (See "All other industries", at end of table.)

293.—RULES, IVORY AND WOOD.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	16	$172,918	$107,241	$26,850	$18,930	$61,461	$65,677	$11,183	163	$74,127	26	$21,502
2	New York	3	10,050	5,100	500	500	4,100	4,950	1,569	27	18,330	8	6,850
3	All other states (a)	13	162,868	102,141	26,350	18,430	57,361	60,727	9,614	136	55,797	18	14,652

a Includes establishments distributed as follows: Connecticut, 1; Illinois, 2; Maine, 1; Massachusetts, 1; Michigan, 1; New Jersey, 2; Ohio, 2; Pennsylvania, 1; Rhode Island, 1; Wisconsin, 1.

294.—SADDLERY AND HARNESS.

1	The United States...	7,931	35,346,620	9,949,904	3,360,578	4,166,339	2,422,987	25,396,716	2,666,690	30,326	16,039,845	7,577	5,089,938
2	Alabama	22	119,005	12,920	2,610	4,050	6,260	106,085	12,145	91	49,973	24	18,979
3	Arkansas	32	106,790	15,005	3,210	4,640	7,155	91,785	10,459	87	43,291	31	19,381
4	California	201	2,090,327	563,631	326,090	159,125	78,416	1,526,696	115,200	1,001	647,287	198	168,606
5	Colorado	33	326,595	53,292	19,700	19,000	14,592	273,303	35,728	181	155,627	46	53,332
6	Connecticut	140	1,018,469	307,743	53,095	140,950	113,698	710,726	76,520	912	520,818	131	98,594
7	Delaware	20	91,145	43,345	17,500	23,000	2,845	47,800	4,460	55	30,704	20	12,036
8	District of Columbia	36	112,041	28,940	15,200	5,600	8,140	83,101	10,586	106	58,636	40	25,512
9	Florida	3	8,160	4,000	1,000	2,000	1,000	4,160	424	7	4,230	1	1,000
10	Georgia	43	172,696	31,807	8,450	8,300	15,057	140,889	21,308	267	113,398	38	22,079
11	Idaho	5	26,755	11,950	4,500	6,200	1,250	14,805	746	11	8,117	8	5,527
12	Illinois	654	2,800,136	908,401	341,140	348,080	219,181	1,891,735	208,699	2,284	1,193,661	631	419,409
13	Indiana	387	1,221,882	397,628	118,232	158,813	120,583	824,254	74,518	1,494	614,961	315	180,406
14	Iowa	395	1,430,032	412,977	129,500	194,485	88,992	1,017,055	91,339	1,198	562,788	363	209,717
15	Kansas	229	887,469	298,070	112,880	138,885	46,305	589,399	57,498	883	372,646	226	139,841
16	Kentucky	141	1,403,476	238,428	62,069	89,080	87,279	1,165,048	80,660	1,130	540,277	203	144,476
17	Louisiana	42	451,770	50,710	13,275	18,175	19,260	401,060	40,898	252	169,385	81	89,660
18	Maine	129	246,841	67,691	14,554	28,610	24,527	179,150	21,265	374	167,843	102	55,723
19	Maryland	143	715,655	197,430	78,200	84,835	34,395	518,225	54,161	670	265,202	145	86,632
20	Massachusetts	418	888,379	192,355	37,428	55,700	99,227	696,024	115,234	1,284	753,423	378	256,953
21	Michigan	323	990,524	357,105	122,002	162,090	73,013	633,419	77,128	988	461,571	283	157,836
22	Minnesota	232	1,168,715	302,200	86,265	139,935	76,000	866,515	67,149	876	467,927	227	146,254
23	Mississippi	13	104,585	52,675	19,075	26,675	6,925	51,910	5,670	50	21,720	12	6,182
24	Missouri	372	3,410,305	789,682	237,105	376,865	175,712	2,620,623	257,058	2,162	1,311,918	469	402,670
25	Montana	10	61,050	4,800	100	500	4,200	56,250	8,131	41	39,572	10	9,809
26	Nebraska	151	723,433	201,465	89,775	78,265	33,425	521,968	62,111	543	312,116	123	89,880
27	Nevada	5	9,690	2,100	300	1,000	800	7,590	1,043	6	6,652	5	5,644
28	New Hampshire	65	280,541	49,236	6,515	14,395	28,326	231,305	15,310	299	147,810	62	40,371
29	New Jersey	175	916,181	296,145	97,035	101,500	97,610	620,036	70,346	1,087	642,356	184	150,863
30	New York	953	3,282,689	1,054,655	359,462	439,090	256,103	2,228,034	287,687	3,214	1,849,162	925	661,648
31	North Carolina	46	92,466	25,020	6,960	10,215	7,845	67,446	5,515	122	43,285	30	13,636
32	North Dakota	18	54,855	8,805	1,900	3,580	3,325	46,050	5,018	51	28,049	16	9,622
33	Ohio	708	2,694,665	812,007	219,608	384,032	208,367	1,882,658	224,857	3,208	1,552,461	680	421,121
34	Oklahoma	7	6,417	2,262	1,402	400	460	4,155	222	11	4,732	3	1,544
35	Oregon	39	263,743	47,406	19,885	12,550	14,971	216,337	16,608	133	74,679	36	26,230
36	Pennsylvania	751	2,383,846	854,828	317,370	390,176	147,282	1,529,018	151,028	2,050	996,741	689	336,925
37	Rhode Island	61	190,703	44,483	4,900	3,900	35,683	146,220	22,441	228	124,386	56	43,896
38	South Carolina	21	80,286	22,275	6,500	10,100	6,675	58,011	9,821	77	36,492	23	15,871
39	South Dakota	27	61,756	16,595	6,135	7,620	2,840	45,161	6,104	53	26,215	19	10,910
40	Tennessee	67	650,861	74,150	20,038	14,895	39,217	576,711	93,939	609	328,615	139	106,398
41	Texas	165	1,989,016	466,245	162,600	205,510	98,135	1,522,771	125,987	886	549,704	193	152,569
42	Utah	17	135,030	66,430	30,550	31,600	4,280	68,600	7,107	88	55,896	18	12,296
43	Vermont	87	111,563	35,700	5,800	17,130	12,770	75,863	9,908	123	51,637	65	22,986
44	Virginia	96	256,353	69,444	25,087	33,350	11,007	186,909	17,223	280	129,797	89	53,783
45	Washington	36	166,760	41,410	13,450	15,560	12,400	125,350	16,820	98	72,856	30	24,414
46	West Virginia	66	175,356	53,591	18,460	21,810	13,321	121,765	10,563	170	66,489	58	27,190
47	Wisconsin	332	880,492	337,893	107,817	168,168	61,908	542,599	64,674	749	328,375	262	132,961
48	Wyoming	8	63,415	23,399	15,849	5,900	1,650	40,016	2,622	24	18,260	6	4,700
49	All other territories (a)	7	23,701	1,575	.....	.....	1,575	22,126	2,752	13	9,105	4	2,875

a Includes establishments distributed as follows: Arizona, 5; New Mexico, 2.

STATES AND TERRITORIES: 1890—Continued.

292.—RUBBER, VULCANIZED. (See "All other industries", at end of table.)

293.—RULES, IVORY AND WOOD.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1	$692	82	$36,869	15	$3,207	1	$156	19	$7,599	13	$3,104	6	$998	$34,325	$154,173	1
		19	11,480											2,422	27,932	2
1	692	63	25,389	15	3,207	1	156	19	7,599	13	3,104	6	998	31,903	126,241	3

294.—SADDLERY AND HARNESS.

77	31,989	16,761	8,260,550	656	186,753	317	45,131	4,615	2,335,574	306	78,642	17	2,268	24,674,225	52,970,801	1
		64	30,944					3	50					115,036	224,040	2
		50	21,502			1	100	5	2,308					63,694	138,916	3
4	1,760	559	351,800	21	5,831	22	3,908	185	113,262	12	2,120			807,203	1,864,907	4
		126	98,412	2	728	3	780	4	2,375					143,947	430,072	5
1	600	622	338,511	65	26,084			91	56,529	2	590			662,082	1,419,036	6
		34	18,512			1	156							34,211	81,932	7
		65	32,824					1	300					50,082	147,245	8
		6	3,230											4,508	13,175	9
		206	85,382			17	2,257	6	3,689					161,179	378,976	10
		3	2,590											26,860	41,400	11
7	2,422	1,351	644,475	34	9,666	24	4,631	222	109,558	15	3,500			1,702,748	3,647,434	12
2	750	766	311,463	2	260	21	2,736	388	119,346					991,289	1,967,951	13
3	1,068	666	293,680	12	2,453	8	686	145	55,028	1	156			996,296	1,962,427	14
2	624	324	163,915			1	50	123	67,411	7	805			591,621	1,200,909	15
6	2,485	659	272,743	12	2,532	27	3,258	205	110,301	14	3,962	4	520	1,180,278	2,113,726	16
1	120	118	67,093			9	980	43	20,532					408,401	757,035	17
1	300	187	77,158	6	910			69	31,430	9	2,322			241,722	559,998	18
1	575	434	148,695	31	5,880	1	150	58	23,270					492,088	1,018,164	19
8	2,586	720	398,346	18	6,073	6	950	150	87,315	4	1,200			740,189	1,900,971	20
4	1,010	534	243,713	23	5,380	2	220	127	40,212	15	4,200			671,313	1,459,613	21
2	880	455	228,306	18	6,252	10	698	155	83,377	9	2,160			780,164	1,587,866	22
		35	14,838					3	700					33,880	82,283	23
1	660	980	518,811	11	2,450	25	3,733	675	383,294	1	300			2,398,874	4,760,493	24
		30	29,672					1	100					43,054	100,940	25
1	884	393	207,744					25	13,408	1	200			486,405	1,028,540	26
		1	1,008											5,702	16,648	27
		120	64,673	1	350	6	1,075	98	39,091	12	2,250			188,093	403,518	28
2	1,760	471	259,762	5	2,000	6	993	363	212,410	56	14,568			770,522	1,796,880	29
16	7,740	1,717	928,060	89	31,126	28	4,076	363	194,230	66	20,734	10	1,548	1,972,152	4,888,093	30
		84	28,334	1	50	3	315	4	950					64,557	143,061	31
		35	18,427											53,770	109,196	32
8	3,530	1,769	828,570	249	64,689	18	1,881	437	225,450	25	7,170	2	50	2,779,234	6,340,355	33
		8	3,188											6,292	13,848	34
		90	44,459					7	3,990					143,218	292,381	35
5	1,720	1,115	517,815	9	1,097	41	6,052	236	121,257	54	11,725	1	150	1,409,180	3,106,307	36
		132	67,452	34	11,382	2	256	4	1,400					158,897	352,025	37
		39	13,986					15	6,635					61,313	132,731	38
		34	15,305											40,046	90,210	39
		363	185,480	2	250	9	1,126	96	35,361					798,206	1,525,086	40
		500	285,160			1	200	192	111,775					1,349,881	2,488,356	41
		65	40,736			1	364	4	2,500					82,143	159,392	42
		63	27,013	1	50			3	1,248	1	340			73,451	162,849	43
		178	72,158			6	976	7	2,880					127,533	386,894	44
		65	46,600			1	312	2	1,530					124,901	263,172	45
		85	33,960	9	1,000	8	1,103	10	3,236					112,746	250,839	46
2	515	402	161,375	1	260	9	1,109	81	31,725	2	430			497,380	1,093,787	47
		9	6,440					9	7,129					15,780	45,764	48
		9	6,230											12,104	30,440	49

TABLE 5.—SPECIFIED INDUSTRIES, BY

295.—SAFES AND VAULTS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	39	$4,663,118	$1,318,879	$172,250	$292,910	$853,719	$3,284,239	$564,756	4,131	$2,394,825	292	$255,826
2	California	4	23,715	11,200	.....	.....	11,200	12,515	4,088	21	15,470	5	5,580
3	New York	7	633,660	170,660	1,500	22,260	146,300	463,606	46,088	667	420,349	27	35,617
4	Ohio	11	2,580,363	633,149	66,006	136,000	431,149	1,947,214	386,518	2,521	1,392,803	186	128,127
5	Pennsylvania	7	483,134	191,200	80,000	44,156	67,050	291,934	43,994	358	212,383	36	44,878
6	All other states (a)	10	832,246	313,270	24,756	90,500	198,020	568,976	84,068	624	353,820	38	41,624

a Includes establishments distributed as follows: Alabama, 1; Illinois, 1; Maryland, 1; Massachusetts, 2; Michigan, 1; Missouri, 1; Nebraska, 1; Rhode Island, 1; Virginia, 1.

296.—SALT. (See special report on Salt in Part III.)

1	The United States...	200	13,437,749	11,247,548	4,287,784	4,255,896	2,763,868	2,190,261	674,183	4,455	1,782,491	197	188,174
2	California	9	362,135	183,125	112,500	29,300	41,325	179,010	31,433	173	81,525	13	16,852
3	Kansas	23	731,085	614,118	94,605	435,039	85,074	166,967	30,361	449	187,066	40	32,805
4	Michigan	81	3,195,120	2,397,764	379,478	1,251,893	766,393	797,356	246,547	1,629	578,614	34	27,753
5	Nevada	3	23,500	16,560	5,060	5,500	6,000	7,000	230	22	7,210	.....	.....
6	New York	50	7,171,126	6,599,090	3,327,184	1,808,530	1,463,326	572,036	228,252	1,245	544,326	41	49,867
7	Ohio	9	425,731	348,800	37,000	206,800	105,000	76,931	27,905	260	87,079	16	9,918
8	Pennsylvania	3	157,413	97,600	26,000	66,600	11,600	59,813	21,167	59	38,200	7	11,900
9	Utah	9	238,136	166,981	105,681	32,950	28,350	71,155	13,761	180	53,858	8	4,433
10	West Virginia	5	361,966	331,450	102,416	159,334	69,700	30,516	15,043	165	67,548	13	8,171
11	All other states (a)	8	721,537	492,120	104,520	260,500	127,100	229,417	59,544	273	136,471	25	26,475

a Includes establishments distributed as follows: Illinois, 1; Kentucky, 2; Louisiana, 1; Massachusetts, 1; Texas, 2; Virginia, 1.

297.—SAND AND EMERY PAPER AND CLOTH.

1	The United States...	9	705,957	208,189	27,727	44,815	135,647	497,768	111,073	253	156,489	47	52,263
2	Massachusetts	4	230,094	83,156	15,834	36,815	30,507	146,938	20,857	81	35,688	11	7,119
3	All other states (a)	5	475,863	125,033	11,893	8,000	105,140	350,830	90,216	172	120,801	36	45,144

a Includes establishments distributed as follows: Maine, 1; New York, 2; Pennsylvania, 2.

298.—SAUSAGE. (See also Slaughtering.)

1	The United States...	249	1,128,562	787,149	266,905	264,340	255,904	341,413	115,526	1,106	561,673	266	194,499
2	California	20	32,513	13,988	.....	.....	13,988	18,525	9,126	53	31,372	20	13,567
3	Connecticut	5	12,170	7,750	700	1,400	5,650	4,420	2,301	18	12,868	5	4,524
4	Illinois	13	43,537	33,836	15,800	11,650	6,386	9,707	4,177	56	30,125	14	12,005
5	Louisiana	13	31,243	22,570	5,050	7,650	9,870	8,673	3,441	62	21,504	17	10,472
6	Massachusetts	33	126,327	96,355	31,710	34,150	30,495	29,972	16,457	155	88,286	41	29,568
7	Minnesota	3	3,820	2,775	.....	.....	2,775	1,045	393	11	6,090	3	2,580
8	Missouri	15	43,683	36,185	15,895	13,850	6,440	7,498	5,026	47	27,024	14	10,526
9	New Hampshire	3	5,050	1,950	.....	.....	1,950	3,100	660	6	3,396	2	1,524
10	New Jersey	17	163,436	113,200	28,700	49,100	35,400	50,236	16,148	94	47,890	12	10,391
11	New York	62	225,764	166,658	58,100	44,400	64,158	59,103	28,350	208	116,351	58	42,137
12	Ohio	21	87,112	70,600	22,250	28,150	20,200	16,512	4,409	77	38,165	24	14,708
13	Pennsylvania	11	77,275	56,666	16,700	19,366	14,666	26,675	2,933	61	28,840	12	8,834
14	Rhode Island	5	12,450	7,866	2,400	1,150	4,250	4,650	7,120	30	19,676	4	2,964
15	Texas	4	13,600	12,860	7,660	3,100	2,700	806	155	16	10,377	5	4,407
16	West Virginia	5	9,865	7,740	1,606	3,340	2,800	2,125	613	11	4,746	4	2,020
17	Wisconsin	6	187,652	109,700	52,560	33,600	23,600	77,352	9,003	83	39,671	11	15,548
18	All other states (a)	13	53,665	32,650	8,500	13,500	10,650	21,015	5,268	118	35,352	14	8,734

a Includes establishments distributed as follows: Georgia, 1; Indiana, 1; Iowa, 1; Maine, 2; Maryland, 2; Michigan, 1; Nebraska, 1; South Carolina, 2; Tennessee, 1; Washington, 1.

STATES AND TERRITORIES: 1890—Continued.

295.—SAFES AND VAULTS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
23	$9,384	3,412	$1,932,460	1	$720	39	$4,102	364	$192,333	.....	.....	.....	.....	$2,635,313	$6,641,844	1
.....	.....	16	9,890	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,136	39,480	2
.....	.....	580	384,732	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	279,798	767,815	3
22	8,884	1,942	1,080,952	1	720	38	3,952	332	170,168	.....	.....	.....	.....	1,591,136	4,096,257	4
.....	.....	289	145,190	.....	.....	1	150	32	22,165	.....	.....	.....	.....	264,087	654,357	5
1	500	585	311,696	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	488,156	1,083,935	6

296.—SALT. (See special report on Salt in Part III.)

3	875	3,598	1,397,591	75	18,735	35	5,916	457	148,358	73	$20,456	17	$2,388	1,826,770	5,484,618	1
.....	.....	154	62,841	.....	.....	.....	.....	6	1,832	.....	.....	.....	.....	20,067	166,722	2
.....	.....	304	123,279	16	4,080	.....	.....	89	27,496	.....	.....	.....	.....	352,574	697,802	3
1	200	1,201	435,424	34	6,745	26	4,182	292	95,322	26	6,678	15	2,310	784,012	2,046,975	4
.....	.....	22	7,210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	90	21,491	5
2	675	1,099	459,761	25	7,910	9	1,734	22	10,601	47	13,778	.....	.....	443,602	1,563,228	6
.....	.....	215	69,128	.....	.....	.....	.....	29	8,033	.....	.....	.....	.....	83,552	212,541	7
.....	.....	52	26,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,445	156,398	8
.....	.....	166	47,475	.....	.....	.....	.....	4	1,872	.....	.....	2	78	5,672	144,300	9
.....	.....	152	59,377	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42,839	136,638	10
.....	.....	233	106,796	.....	.....	.....	.....	15	3,200	.....	.....	.....	.....	66,917	338,523	11

297.—SAND AND EMERY PAPER AND CLOTH.

.....	.....	189	100,156	17	4,070	.....	.....	.....	.....	.....	.....	.....	.....	781,505	1,249,647	1
.....	.....	60	25,569	10	3,000	.....	.....	.....	.....	.....	.....	.....	.....	141,019	219,472	2
.....	.....	129	74,587	7	1,070	.....	.....	.....	.....	.....	.....	.....	.....	640,486	1,030,175	3

298.—SAUSAGE. (See also Slaughtering.)

9	3,948	811	356,607	21	5,862	4	505	1	252	.....	.....	.....	.....	1,935,170	3,055,367	1
.....	.....	33	17,805	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76,934	132,804	2
.....	.....	12	8,184	.....	.....	1	160	.....	.....	.....	.....	.....	.....	42,279	60,150	3
.....	.....	39	17,220	3	900	.....	.....	.....	.....	.....	.....	.....	.....	182,868	247,690	4
.....	.....	37	9,784	8	1,248	.....	.....	.....	.....	.....	.....	.....	.....	88,961	150,421	5
1	468	111	57,848	.....	.....	1	150	1	252	.....	.....	.....	.....	291,306	446,070	6
1	260	7	3,250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23,798	34,232	7
2	1,300	30	15,078	.....	.....	1	120	.....	.....	.....	.....	.....	.....	48,311	90,658	8
.....	.....	4	1,872	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,851	34,480	9
.....	.....	81	37,141	1	364	.....	.....	.....	.....	.....	.....	.....	.....	137,051	248,802	10
5	1,920	143	71,694	2	600	.....	.....	.....	.....	.....	.....	.....	.....	355,104	612,382	11
.....	.....	49	21,522	3	1,800	1	75	.....	.....	.....	.....	.....	.....	121,263	192,908	12
.....	.....	47	19,406	2	600	.....	.....	.....	.....	.....	.....	.....	.....	72,667	132,442	13
.....	.....	28	16,772	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38,782	73,104	14
.....	.....	10	5,820	1	150	.....	.....	.....	.....	.....	.....	.....	.....	23,775	42,000	15
.....	.....	7	2,720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,873	24,624	16
.....	.....	72	24,123	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	239,729	311,513	17
.....	.....	103	26,368	1	200	.....	.....	.....	.....	.....	.....	.....	.....	149,618	221,087	18

TABLE 5.—SPECIFIED INDUSTRIES, BY

299.—SAWS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	95	$6,313,373	$2,527,399	$631,100	$656,912	$1,239,387	$3,785,974	$435,625	2,943	$1,859,694	252	$269,338
2	California	3	154,270	81,250	30,000	8,000	43,250	73,020	19,737	52	48,272	7	9,816
3	Connecticut	3	134,646	95,800	41,500	31,500	22,800	38,846	2,243	30	22,681	2	1,800
4	Illinois	10	257,500	100,400	32,000	20,400	48,000	157,100	23,681	97	70,906	16	17,844
5	Massachusetts	3	290,373	76,200			76,200	214,173	87,393	185	121,232	10	16,950
6	Michigan	12	105,493	61,033	10,100	9,500	41,433	44,460	6,811	77	49,926	17	16,772
7	New York	15	624,550	333,150	72,400	64,700	196,050	291,400	26,403	356	240,623	25	29,686
8	Ohio	13	405,545	166,715	46,000	26,000	94,715	238,830	82,124	350	181,282	38	32,232
9	Pennsylvania	12	3,112,513	1,151,699	253,000	397,210	501,489	1,960,814	87,410	1,179	735,861	61	58,418
10	All other states (a)	24	1,228,483	461,152	146,100	99,602	215,450	767,331	99,823	617	388,911	76	85,820

a Includes establishments distributed as follows: Alabama, 1; Arkansas, 1; Delaware, 1; Georgia, 1; Indiana, 2; Iowa, 1; Kentucky, 1; Maine, 1; Maryland, 2; Minnesota, 2; Missouri, 1; New Hampshire, 2; New Jersey, 1; Oregon, 1; Rhode Island, 1; Tennessee, 2; Virginia, 2; Wisconsin, 1.

300.—SCALES AND BALANCES.

1	The United States...	76	1,658,655	874,601	190,500	291,625	392,476	784,054	108,056	1,500	837,575	145	143,215
2	Illinois	6	129,634	36,000	13,000	9,000	14,000	93,634	8,804	103	69,730	12	10,531
3	Indiana	3	16,650	2,850			2,850	13,800	840	19	15,136	5	6,424
4	Iowa	3	5,825	2,300			2,300	3,525	726	11	4,952	2	1,382
5	Kentucky	3	4,440	1,375			1,375	3,065	1,607	20	11,058	7	3,864
6	Massachusetts	6	43,778	11,013			11,013	32,765	5,958	46	26,038	6	3,960
7	Missouri	5	15,195	12,145			12,145	3,050	3,465	30	19,430	10	6,350
8	New York	20	688,105	345,675	99,000	124,125	122,550	342,430	21,794	476	262,500	42	45,446
9	Ohio	5	49,930	23,350	5,000	5,000	13,350	26,580	6,319	44	24,944	6	5,440
10	Pennsylvania	7	155,965	60,550			60,550	95,415	19,358	128	80,850	12	12,978
11	All other states (a)	18	549,133	379,343	73,500	153,500	152,343	169,790	39,185	623	322,937	43	46,840

a Includes establishments distributed as follows: Colorado, 1; Connecticut, 1; Georgia, 1; Kansas, 1; Louisiana, 2; Maryland, 2; Michigan, 2; Nebraska, 1; New Jersey, 2; Rhode Island, 1; Tennessee, 2; Vermont, 1; Wisconsin, 1.

301.—SCREWS, MACHINE.

1	The United States...	20	1,672,343	928,427	130,500	231,818	566,109	743,916	73,946	1,113	534,943	52	58,897
2	Massachusetts	10	527,544	218,787	5,000	20,000	193,787	308,757	51,827	316	155,667	18	20,568
3	All other states (a)	10	1,144,799	709,640	125,500	211,818	372,322	435,159	22,119	797	379,296	34	38,329

a Includes establishments distributed as follows: Connecticut, 2; Illinois, 1; Michigan, 1; Missouri, 1; New York, 2; Ohio, 1; Pennsylvania, 2.

302.—SCREWS, WOOD.

1	The United States (a) ...	7	5,572,237	3,356,257	332,631	1,238,054	1,785,572	2,215,980	310,519	1,651	625,465	73	80,968

a Includes establishments distributed as follows: Connecticut, 2; Massachusetts, 1; Ohio, 2; Pennsylvania, 1; Rhode Island, 1.

303.—SEWING MACHINE CASES.

1	The United States ..	7	1,430,403	691,803	101,000	307,700	283,103	738,600	81,396	1,842	886,725	19	33,810
2	Illinois	3	195,779	123,379	26,000	17,700	79,679	72,400	22,624	240	122,583	4	4,500
3	All other states (a)	4	1,234,624	568,424	75,000	290,000	203,424	666,200	58,772	1,602	764,142	15	29,310

a Includes establishments distributed as follows: Indiana, 2; New Jersey, 1; Ohio, 1.

STATES AND TERRITORIES: 1890—Continued.

299.—SAWS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
15	$6,830	2,110	$1,301,686	7	$1,978	159	$26,494	352	$240,731	39	$9,362	9	$3,275	$2,346,401	$5,572,992	1
.....	.....	41	37,104	.....	.....	4	1,352	.....	.....	.....	.....	.....	.....	27,996	118,150	2
2	1,650	26	19,831	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,873	59,160	3
1	700	79	51,946	1	416	.....	.....	.....	.....	.....	.....	.....	.....	153,104	279,216	4
2	1,200	163	97,082	.....	.....	.....	.....	10	6,000	.....	.....	.....	.....	170,502	415,510	5
.....	.....	59	32,902	.....	.....	.....	.....	1	252	.....	.....	.....	.....	53,455	145,992	6
2	790	326	207,983	.....	.....	.....	.....	3	2,164	.....	.....	.....	.....	137,370	519,931	7
.....	.....	251	126,290	.....	.....	51	12,760	10	10,009	.....	.....	.....	.....	173,753	549,550	8
5	1,716	698	475,727	1	312	102	12,065	266	175,232	38	9,237	8	3,154	1,008,138	2,208,454	9
3	1,374	467	252,821	5	1,250	2	317	62	47,083	1	125	1	121	603,210	1,277,029	10

300.—SCALES AND BALANCES.

5	1,863	1,263	641,616	2	550	12	2,246	72	47,955	.....	.....	1	130	867,955	2,322,744	1
2	1,248	40	25,350	.....	.....	.....	.....	49	32,601	.....	.....	.....	.....	45,572	153,547	2
1	250	13	8,462	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,748	26,840	3
.....	.....	9	3,570	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,000	9,900	4
.....	.....	13	7,194	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,949	20,797	5
.....	.....	40	22,078	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,128	66,713	6
.....	.....	15	11,750	.....	.....	.....	.....	4	1,200	.....	.....	1	130	5,678	32,000	7
.....	.....	409	201,728	.....	.....	7	1,322	18	14,004	.....	.....	.....	.....	224,515	775,782	8
1	260	32	18,170	1	300	4	774	.....	.....	.....	.....	.....	.....	19,383	55,475	9
.....	.....	116	67,872	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63,755	210,414	10
1	105	576	275,442	1	250	1	150	1	150	.....	.....	.....	.....	471,227	971,276	11

301.—SCREWS, MACHINE.

4	1,583	811	390,936	68	8,978	2	70	176	74,479	.....	.....	.....	.....	331,701	1,183,341	1
.....	.....	236	110,880	.....	.....	2	70	60	24,129	.....	.....	.....	.....	118,601	401,537	2
4	1,583	575	280,056	68	8,978	.....	.....	116	50,350	.....	.....	.....	.....	213,100	781,804	3

302.—SCREWS, WOOD.

20	4,784	744	357,241	447	83,819	49	7,291	79	35,906	239	55,456	.....	.....	900,676	2,326,645	1

303.—SEWING MACHINE CASES.

1	312	1,092	564,510	8	3,500	154	28,460	565	255,133	3	1,000	.....	.....	990,439	2,249,551	1
.....	.....	211	102,483	.....	.....	.....	.....	25	15,600	.....	.....	.....	.....	129,260	360,074	2
1	312	881	462,027	8	3,500	154	28,460	540	239,533	3	1,000	.....	.....	861,179	1,889,477	3

TABLE 5.—SPECIFIED INDUSTRIES, BY

304.—SEWING MACHINE REPAIRING.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	166	$192,593	$72,600	$14,700	$9,100	$48,800	$119,993	$47,942	335	$201,066	134	$85,567
2	Illinois	6	2,215	710	.....	.....	710	1,505	2,021	8	4,338	4	2,604
3	Indiana	3	925	200	.....	.....	200	725	185	4	1,484	2	820
4	Kentucky	6	4,450	1,955	700	500	755	2,495	870	9	7,261	4	4,700
5	Louisiana	5	2,520	520	.....	.....	520	2,000	1,075	7	4,592	4	2,720
6	Maryland	12	8,385	2,830	.....	.....	2,830	5,555	1,873	21	8,916	6	2,690
7	Massachusetts	25	30,535	14,945	.....	.....	14,945	15,590	9,523	59	35,969	21	14,220
8	Michigan	3	1,400	600	.....	.....	600	800	255	4	2,820	.....	.....
9	Minnesota	3	570	400	.....	.....	400	170	363	3	1,544	2	712
10	Missouri	9	31,242	9,075	5,000	2,000	2,075	22,167	2,921	16	8,822	7	3,790
11	New York	53	80,173	28,220	8,000	4,200	16,020	51,953	19,919	117	75,582	52	36,976
12	Ohio	14	7,475	2,955	.....	.....	2,955	4,520	3,250	19	9,253	12	6,612
13	Pennsylvania	17	13,796	5,500	500	1,000	4,000	8,296	3,119	40	21,989	12	5,275
14	Virginia	3	2,723	2,240	500	1,400	340	483	441	4	1,928	3	1,408
15	All other states (a)	7	6,184	2,450	.....	.....	2,450	3,734	2,127	24	16,568	5	3,040

a Includes establishments distributed as follows: California, 1; New Jersey, 2; Texas, 2; Wisconsin, 2.

305.—SEWING MACHINES AND ATTACHMENTS.

1	The United States...	59	16,043,136	5,531,743	558,062	1,362,124	3,611,557	10,511,393	1,865,050	9,121	5,170,555	268	412,171
2	Connecticut	5	4,174,710	1,023,003	296,752	171,075	555,176	3,151,707	142,030	1,311	728,854	16	30,900
3	Illinois	8	739,710	324,973	27,000	49,140	248,833	414,737	131,392	690	376,553	31	29,982
4	Massachusetts	10	2,337,907	513,792	19,310	78,700	415,789	1,824,108	763,095	1,078	753,150	55	100,036
5	New Jersey	3	5,237,855	2,100,495	50,000	700,000	1,350,495	3,137,360	288,620	3,947	2,124,376	16	52,492
6	New York	16	495,413	270,207	38,500	58,849	172,858	225,206	35,605	237	156,600	34	39,641
7	Ohio	3	1,153,543	382,040	10,000	60,000	312,040	771,503	397,408	1,082	603,610	70	110,560
8	Pennsylvania	9	855,525	538,500	75,000	50,000	413,500	317,025	76,045	431	221,486	24	25,954
9	All other states (a)	5	1,048,473	378,726	41,500	194,360	142,866	669,747	30,855	345	205,926	22	22,606

a Includes establishments distributed as follows: California, 1; Rhode Island, 3; Vermont, 1.

306.—SHIPBUILDING. (See special report on Shipbuilding in Part III.)

1	The United States...	1,010	53,393,074	39,870,665	14,294,878	10,170,301	15,405,486	13,522,409	1,392,551	25,934	16,028,847	1,112	1,188,407
2	Alabama	5	37,750	33,500	500	5,700	27,300	4,250	1,085	85	25,074	3	750
3	California	33	6,863,308	5,896,480	424,222	1,766,053	3,706,205	966,828	378,104	1,792	1,468,989	15	60,146
4	Connecticut	29	564,941	248,012	85,700	61,400	100,912	316,929	20,463	652	376,122	28	27,904
5	Delaware	11	1,745,213	917,850	309,700	282,900	325,250	827,363	69,819	1,802	899,151	41	96,926
6	District of Columbia	4	15,575	8,375	5,500	1,600	1,275	7,200	654	14	8,410	.....	.....
7	Florida	16	93,156	86,675	26,400	45,820	14,455	6,481	2,083	76	33,621	7	3,740
8	Georgia	4	156,100	133,100	5,500	8,100	119,500	23,000	9,384	118	61,134	6	6,080
9	Illinois	10	638,439	500,234	399,113	65,450	35,671	138,205	11,723	331	187,021	15	14,722
10	Indiana	11	371,860	103,545	53,850	26,400	23,295	268,315	7,722	551	253,733	8	6,794
11	Iowa	5	38,850	34,700	3,175	8,375	23,150	4,150	3,997	48	26,926	3	1,825
12	Kentucky	29	53,511	46,535	15,850	10,650	20,035	6,976	3,157	88	41,577	26	15,612
13	Louisiana	13	368,218	280,088	59,925	22,525	197,638	88,130	13,227	192	119,555	17	15,104
14	Maine	85	1,027,756	243,965	76,990	62,175	104,800	783,791	109,032	1,539	843,715	86	64,545
15	Maryland	34	1,315,262	509,975	134,050	29,480	346,445	805,287	92,677	1,075	649,342	32	28,859
16	Massachusetts	147	1,239,998	399,755	165,135	91,355	143,265	840,243	71,604	1,188	865,928	112	96,961
17	Michigan	62	3,266,472	944,189	287,500	446,418	210,271	2,322,283	97,736	2,284	1,267,102	92	81,657
18	Minnesota	20	521,373	47,995	7,900	7,400	32,695	473,378	2,570	319	178,608	11	9,924
19	Mississippi	9	8,554	6,796	2,200	1,410	3,186	1,758	157	47	15,742	2	764
20	Missouri	5	125,625	113,425	42,000	12,075	59,350	12,200	18,067	357	159,224	11	11,381
21	New Jersey	62	2,165,104	1,325,929	484,775	214,695	626,459	839,175	89,200	1,186	890,789	70	73,499
22	New York	217	16,481,649	14,545,339	7,594,833	3,210,840	3,739,666	1,936,310	166,442	5,529	3,810,394	232	275,083
23	North Carolina	16	76,978	56,775	16,295	17,730	22,750	20,203	3,423	138	50,484	12	8,490
24	Ohio	44	2,950,811	1,613,610	626,245	351,865	635,500	1,337,201	86,980	2,822	1,521,212	143	128,967
25	Oregon	14	305,220	252,220	129,950	33,970	88,300	53,000	9,508	208	135,222	9	7,597
26	Pennsylvania	32	2,443,063	1,488,165	677,025	292,625	518,515	954,898	82,941	2,022	1,215,876	47	76,096
27	Rhode Island	15	316,665	164,780	47,500	24,200	93,080	151,885	5,271	200	133,453	16	15,980
28	South Carolina	8	128,020	48,200	20,500	15,400	12,300	79,820	11,554	83	47,286	7	6,360
29	Texas	9	9,619	6,210	985	2,400	2,825	3,409	425	31	11,788	2	918
30	Vermont	3	8,950	4,550	900	2,300	1,350	4,400	153	14	4,572	2	312
31	Virginia	18	6,388,976	6,302,701	1,048,580	1,831,830	3,422,291	86,275	4,436	510	345,454	15	9,988
32	Washington	17	155,620	123,340	3,680	71,310	48,350	32,280	5,037	186	97,216	15	12,711
33	West Virginia	4	21,303	15,475	2,800	8,050	4,625	5,828	2,307	57	17,550	2	700
34	Wisconsin	16	544,828	424,070	168,600	140,300	115,170	120,758	11,157	311	205,005	25	28,006
35	All other states (a)	3	2,944,307	2,944,107	1,367,000	997,500	579,607	200	450	79	61,572	.....	.....

a Includes establishments distributed as follows: Arkansas, 1; New Hampshire, 1; Tennessee, 1.

STATES AND TERRITORIES: 1890—Continued.

304.—SEWING MACHINE REPAIRING.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cent'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
8	$3,642	176	$106,455	15	$4,752	1	$130	1	$520	.....	.....	.....	.....	$86,816	$385,941	1
.....	.....	2	864	1	350	.....	.....	1	520	.....	.....	.....	.....	1,650	10,200	2
.....	.....	2	664	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	570	2,350	3
1	500	4	2,061	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,039	13,363	4
.....	.....	3	1,872	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,960	11,800	5
.....	.....	15	6,226	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,232	20,073	6
3	782	34	20,551	1	416	.....	.....	.....	.....	.....	.....	.....	.....	17,117	67,181	7
.....	.....	4	2,820	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	755	4,700	8
.....	.....	1	832	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	325	2,300	9
.....	.....	7	4,732	2	300	.....	.....	.....	.....	.....	.....	.....	.....	5,860	22,607	10
3	1,560	51	33,382	10	3,534	1	130	.....	.....	.....	.....	.....	.....	27,092	138,731	11
1	800	5	1,689	1	152	.....	.....	.....	.....	.....	.....	.....	.....	2,388	20,597	12
.....	.....	28	16,714	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,653	46,139	13
.....	.....	1	520	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	415	2,820	14
.....	.....	19	13,528	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,760	23,080	15

305.—SEWING MACHINES AND ATTACHMENTS.

16	8,060	6,052	3,425,590	501	177,664	241	71,998	1,997	1,059,292	35	$12,920	11	$2,860	3,502,173	12,823,147	1
1	300	560	335,114	7	2,055	32	6,880	666	343,545	18	7,200	11	2,860	542,385	1,640,184	2
4	2,160	441	252,616	27	6,916	2	468	170	79,731	15	4,680	.....	.....	356,836	1,010,908	3
1	780	571	382,794	194	80,340	.....	.....	255	188,160	2	1,040	.....	.....	719,804	2,495,482	4
.....	.....	3,069	1,656,219	229	70,907	150	50,400	483	294,358	.....	.....	.....	.....	761,365	4,177,330	5
.....	.....	127	92,889	3	572	.....	.....	73	23,498	.....	.....	.....	.....	92,058	371,387	6
6	3,000	654	368,212	9	3,588	53	13,250	290	105,000	.....	.....	.....	.....	770,428	2,125,000	7
4	1,820	312	155,076	27	12,636	4	1,000	60	25,000	.....	.....	.....	.....	160,400	566,972	8
.....	.....	318	182,670	5	650	.....	.....	.....	.....	.....	.....	.....	.....	98,897	429,884	9

306.—SHIPBUILDING. (See special report on Shipbuilding in Part III.)

11	6,463	23,499	14,212,969	7	2,272	174	26,344	1,129	592,142	2	250	.....	.....	16,925,109	40,342,115	1
.....	.....	74	21,715	.....	.....	.....	.....	8	2,609	.....	.....	.....	.....	9,493	38,701	2
.....	.....	1,726	1,390,623	.....	.....	.....	.....	51	18,220	.....	.....	.....	.....	1,295,562	3,547,331	3
.....	.....	611	340,198	.....	.....	3	500	10	7,520	.....	.....	.....	.....	535,093	1,053,301	4
2	1,248	1,610	777,472	6	2,000	141	20,805	2	700	.....	.....	.....	.....	836,979	2,044,313	5
.....	.....	14	8,410	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,940	28,755	6
.....	.....	62	28,155	.....	.....	.....	.....	7	1,726	.....	.....	.....	.....	21,702	68,020	7
.....	.....	112	55,054	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45,716	126,300	8
1	433	299	169,370	.....	.....	16	2,496	.....	.....	.....	.....	.....	.....	148,127	421,815	9
.....	.....	543	246,939	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	204,229	551,640	10
.....	.....	45	25,101	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,820	73,144	11
.....	.....	62	25,965	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31,675	95,545	12
.....	.....	165	96,139	.....	.....	.....	.....	10	8,312	.....	.....	.....	.....	71,259	229,645	13
3	1,176	1,421	771,925	.....	.....	1	25	28	6,044	.....	.....	.....	.....	1,423,175	2,818,565	14
.....	.....	1,030	618,945	.....	.....	2	338	11	1,200	.....	.....	.....	.....	737,457	1,737,674	15
.....	.....	1,009	746,557	.....	.....	.....	.....	67	22,410	.....	.....	.....	.....	890,405	2,248,647	16
1	244	1,954	1,069,898	1	272	10	2,080	226	112,951	.....	.....	.....	.....	2,300,299	4,710,108	17
.....	.....	308	168,684	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	322,412	542,440	18
.....	.....	43	14,178	.....	.....	.....	.....	2	800	.....	.....	.....	.....	7,495	26,425	19
.....	.....	196	87,843	.....	.....	.....	.....	150	60,000	.....	.....	.....	.....	145,707	417,236	20
.....	.....	1,100	801,066	.....	.....	.....	.....	16	16,224	.....	.....	.....	.....	1,140,452	2,592,420	21
3	3,162	5,202	3,459,100	.....	.....	1	100	89	72,699	2	250	.....	.....	2,499,835	7,581,570	22
.....	.....	89	37,468	.....	.....	.....	.....	37	4,520	.....	.....	.....	.....	30,396	101,615	23
.....	.....	2,462	1,288,095	.....	.....	.....	.....	217	104,150	.....	.....	.....	.....	1,750,939	3,804,838	24
.....	.....	199	127,625	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	119,036	320,715	25
.....	.....	1,787	991,093	.....	.....	.....	.....	188	148,687	.....	.....	.....	.....	1,759,582	3,239,770	26
.....	.....	184	117,473	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68,900	239,626	27
.....	.....	71	40,556	.....	.....	.....	.....	5	370	.....	.....	.....	.....	46,752	186,130	28
.....	.....	24	7,870	.....	.....	.....	.....	5	3,000	.....	.....	.....	.....	12,808	29,777	29
.....	.....	12	4,260	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,859	8,289	30
.....	.....	495	335,466	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148,879	665,662	31
.....	.....	171	84,505	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68,885	188,685	32
.....	.....	55	16,850	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,252	38,980	33
1	200	285	176,799	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	178,351	463,120	34
.....	.....	79	61,572	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29,638	101,313	35

TABLE 5.—SPECIFIED INDUSTRIES, BY

307.—SHIRTS. (See also Furnishing goods, men's.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	869	$14,273,611	$2,931,474	$510,650	$889,553	$1,531,271	$11,342,137	$2,188,265	32,750	$10,704,603	1,376	$1,426,295
2	California	54	362,671	93,363	30,000	30,000	33,363	269,308	68,250	1,191	519,644	103	81,188
3	Connecticut	12	287,478	148,975	9,000	94,000	45,975	138,503	14,126	341	90,084	11	13,049
4	District of Columbia	3	2,565	530			530	2,035	706	21	7,590	2	1,620
5	Georgia	3	3,200	900			900	2,300	429	26	7,524	4	1,852
6	Illinois	43	1,163,885	248,090	100,000	100,000	48,090	915,795	70,216	1,488	606,367	62	59,426
7	Indiana	12	182,114	56,670	6,500	25,000	25,170	125,444	6,970	678	186,292	12	10,096
8	Iowa	3	6,074	2,765			2,765	3,309	1,280	31	9,203	5	5,600
9	Kansas	5	27,425	15,150	900	12,000	2,250	12,275	6,128	89	26,004	7	5,190
10	Kentucky	33	37,313	21,525	4,100	3,800	13,625	15,788	6,521	142	43,148	13	8,326
11	Louisiana	5	30,885	6,010			6,010	24,875	5,584	529	55,210	6	7,210
12	Maine	4	111,385	63,160	15,000	25,000	23,160	48,225	5,609	172	62,362	7	5,750
13	Maryland	18	418,400	108,653	10,000	50,000	48,653	309,747	43,265	1,311	345,407	35	33,944
14	Massachusetts	38	1,138,458	124,710	7,000	19,900	97,810	1,013,748	135,572	2,227	670,711	55	52,290
15	Michigan	10	26,176	5,657			5,657	20,519	3,685	103	31,392	6	5,166
16	Minnesota	11	50,427	4,922			4,922	45,505	8,765	173	78,173	28	28,932
17	Missouri	29	182,983	39,355	8,000	6,000	25,355	143,628	24,402	505	159,278	48	43,922
18	Nebraska	4	3,005	1,300			1,300	1,705	1,483	23	9,652	4	3,300
19	New Jersey	24	409,942	184,204	42,000	59,000	83,204	225,738	31,356	1,524	503,018	52	39,382
20	New York	377	7,794,695	1,412,327	209,000	364,003	839,324	6,382,368	1,243,222	18,678	6,016,808	685	795,127
21	Ohio	72	189,346	58,090	27,650	14,550	15,890	131,256	23,455	576	203,858	55	44,049
22	Oregon	3	8,775	1,650			1,650	7,125	930	32	22,510	9	9,500
23	Pennsylvania	80	1,707,968	309,143	41,500	86,300	181,343	1,398,825	465,758	2,390	876,987	140	146,714
24	Tennessee	4	9,850	2,700			2,700	7,150	2,266	85	21,348	4	2,420
25	Texas	4	14,225	2,500			2,500	11,725	2,947	43	17,136	5	5,328
26	Virginia	4	9,825	1,825			1,825	8,000	1,202	38	9,175	6	3,874
27	Wisconsin	6	5,366	1,800			1,800	3,566	1,286	28	9,878	2	1,020
28	All other states (a)	8	89,175	15,500			15,500	73,675	12,852	306	116,384	10	12,020

a Includes establishments distributed as follows: Alabama, 1; Colorado, 1; North Carolina, 1; Rhode Island, 2; Vermont, 2; Washington, 1.

308.—SHODDY. (See special report on Wool manufacture in Part III.)

1	The United States...	94	3,754,063	1,675,801	265,500	556,990	853,311	2,078,262	238,094	2,299	856,582	142	148,567
2	Connecticut	7	395,336	152,666	14,900	72,275	65,491	242,670	26,699	180	85,816	12	12,355
3	Illinois	3	110,037	62,100	6,600	23,500	32,000	47,937	11,610	114	36,254	4	6,500
4	Massachusetts	29	902,850	445,412	87,200	161,854	196,358	457,438	62,687	435	180,748	29	28,135
5	New Hampshire	3	23,000	14,500	1,000	2,500	11,000	8,500	1,795	25	11,683	1	1,038
6	New Jersey	4	193,225	78,900	14,500	25,400	39,000	114,325	20,150	127	43,755	10	8,150
7	New York	12	482,520	239,261	48,800	92,461	98,000	243,259	11,640	192	77,361	19	17,300
8	Ohio	3	744,530	165,530	30,000	40,000	95,530	579,000	28,266	696	182,700	12	20,100
9	Pennsylvania	18	640,382	359,432	50,000	97,500	211,932	280,950	50,305	339	151,175	37	34,716
10	Rhode Island	10	194,250	119,600	9,000	20,000	90,600	74,650	22,278	146	68,014	14	16,498
11	All other states (a)	5	67,933	38,400	3,500	21,500	13,400	29,533	3,264	45	19,076	4	3,780

a Includes establishments distributed as follows: California, 1; Maine, 2; Vermont, 1; Wisconsin, 1.

309.—SHOW CASES.

1	The United States...	99	1,208,022	365,928	76,500	107,284	182,144	842,094	147,134	1,500	876,150	164	156,098
2	California	6	27,035	3,950			3,950	23,085	4,678	27	22,044	8	8,212
3	Illinois	16	339,826	62,306	10,500	27,784	24,022	277,520	30,095	408	261,276	34	39,090
4	Iowa	3	11,708	1,108			1,108	10,600	1,359	12	5,668	5	2,880
5	Maryland	3	160,168	63,633	6,000	12,000	45,633	96,535	22,587	204	96,322	12	9,968
6	Massachusetts	7	20,881	2,456			2,456	18,425	5,758	36	26,650	8	6,672
7	Michigan	4	22,400	18,450	7,000	8,000	3,450	3,950	1,963	34	19,212	4	2,580
8	Minnesota	3	27,013	1,150			1,150	25,863	2,395	26	16,310	4	3,170
9	Missouri	7	80,010	18,675	6,000	4,000	8,675	61,335	10,638	107	51,818	13	11,820
10	New York	17	184,211	58,050	9,000	6,000	43,050	126,161	26,741	325	175,688	32	28,822
11	Ohio	6	103,750	59,500	21,000	26,000	12,500	44,250	5,122	111	58,640	11	11,022
12	Pennsylvania	10	124,075	38,000	5,000	7,500	25,500	86,075	25,694	95	57,626	11	9,996
13	All other states and territories. (a)	18	106,945	38,650	12,000	16,000	10,650	68,295	10,104	115	84,896	22	21,866

a Includes establishments distributed as follows: Georgia, 2; Indiana, 1; Kentucky, 2; Louisiana, 1; Maine, 1; Nebraska, 1; Oregon, 2; Rhode Island, 1; Tennessee, 1; Texas, 1; Utah, 2; Washington, 2; Wisconsin, 1.

STATES AND TERRITORIES: 1890—Continued.

307.—SHIRTS. (See also Furnishing goods, men's.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 18 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
167	$84,813	2,575	$1,510,621	7,817	$2,260,224	128	$17,513	2,862	$1,047,458	17,746	$4,348,166	79	$9,513	$15,704,353	$33,638,593	1
7	4,368	138	84,648	453	150,694	5	1,936	238	114,454	247	83,256	.....	.....	1,015,628	1,885,578	2
.....	.....	45	24,955	66	22,828	.....	.....	200	25,000	19	4,252	.....	.....	239,285	409,806	3
1	350	4	2,620	14	3,000	.....	.....	.....	.....	.....	.....	.....	.....	4,581	15,265	4
.....	.....	.....	.....	22	5,672	.....	.....	.....	.....	.....	.....	.....	.....	6,144	17,639	5
3	1,468	366	200,376	679	211,972	4	624	31	9,708	343	122,793	.....	.....	979,175	1,930,625	6
5	1,250	35	21,084	47	13,268	.....	.....	.....	.....	579	140,594	.....	.....	253,711	518,615	7
.....	.....	2	1,320	20	1,473	.....	.....	.....	.....	4	810	.....	.....	5,292	20,675	8
.....	.....	14	7,094	24	6,605	.....	.....	12	550	32	6,625	.....	.....	32,520	73,700	9
24	10,338	3	1,762	61	14,346	.....	.....	.....	.....	41	8,376	.....	.....	17,858	85,874	10
.....	.....	7	6,160	65	15,340	6	1,100	.....	.....	445	25,400	.....	.....	155,280	233,000	11
1	312	18	9,276	17	5,492	.....	.....	3	1,200	126	40,332	.....	.....	74,065	159,676	12
5	5,400	103	46,514	509	121,647	25	2,547	444	92,510	190	42,835	.....	.....	597,953	1,191,918	13
6	3,050	121	76,446	1,108	316,335	1	156	23	10,612	913	211,822	.....	.....	1,308,001	2,423,816	14
3	600	10	5,865	29	7,463	.....	.....	36	7,002	19	5,296	.....	.....	38,674	96,920	15
1	312	19	11,760	32	10,420	.....	.....	5	1,825	88	24,924	.....	.....	74,565	204,988	16
9	3,550	39	21,180	128	32,635	2	431	.....	.....	278	57,416	1	144	283,807	558,025	17
1	700	1	300	14	4,272	.....	.....	3	480	.....	.....	.....	.....	6,730	21,014	18
9	5,060	125	79,544	378	110,453	10	1,000	177	75,048	763	191,531	10	1,000	656,568	1,302,978	19
45	27,795	1,254	760,379	3,065	883,543	52	7,313	1,554	633,523	11,966	2,901,967	57	7,161	7,349,370	17,483,958	20
34	13,906	29	16,612	116	29,879	4	416	53	28,328	285	76,668	.....	.....	244,111	569,519	21
.....	.....	16	10,400	5	1,860	.....	.....	.....	.....	2	750	.....	.....	24,297	56,620	22
7	3,804	192	108,866	704	192,067	18	2,490	75	45,718	1,244	376,328	10	1,000	1,622,228	3,384,065	23
.....	.....	17	3,828	56	13,600	.....	.....	8	1,500	.....	.....	.....	.....	18,052	46,430	24
.....	.....	.....	.....	12	3,064	.....	.....	.....	.....	26	8,744	.....	.....	19,721	56,500	25
.....	.....	1	130	8	1,993	.....	.....	.....	.....	22	2,170	1	208	18,370	34,150	26
2	780	2	1,650	5	1,828	.....	.....	.....	.....	17	4,600	.....	.....	8,357	24,633	27
4	1,770	14	7,852	180	78,475	1	400	.....	.....	97	15,867	.....	.....	659,010	833,615	28

308.—SHODDY. (See special report on Wool manufacture in Part III.)

2	916	1,243	532,238	405	95,724	13	2,760	9	2,012	460	72,825	25	1,600	6,003,035	7,887,000	1
2	916	142	66,185	16	4,600	8	1,760	.....	.....	.....	.....	.....	.....	442,852	648,060	2
.....	.....	37	19,228	43	4,046	.....	.....	.....	.....	30	6,480	.....	.....	103,722	182,110	3
.....	.....	299	121,877	98	28,809	.....	.....	1	107	8	1,820	.....	.....	1,170,868	1,614,459	4
.....	.....	24	10,650	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	86,816	111,848	5
.....	.....	64	26,480	49	8,225	4	900	.....	.....	.....	.....	.....	.....	301,113	389,640	6
.....	.....	132	52,749	17	2,942	1	40	8	1,905	10	1,825	5	600	343,012	471,478	7
.....	.....	179	80,260	83	20,640	.....	.....	.....	.....	402	60,700	20	1,000	1,100,480	1,377,500	8
.....	.....	211	92,183	91	24,276	.....	.....	.....	.....	.....	.....	.....	.....	1,205,258	1,633,770	9
.....	.....	129	50,580	3	936	.....	.....	.....	.....	.....	.....	.....	.....	1,165,235	1,350,792	10
.....	.....	26	12,046	5	1,250	.....	.....	.....	.....	10	2,000	.....	.....	83,679	107,343	11

309.—SHOW CASES.

5	1,950	1,149	636,591	4	988	64	14,136	112	66,203	.....	.....	2	184	1,077,345	2,569,557	1
.....	.....	17	13,416	2	416	.....	.....	.....	.....	.....	.....	.....	.....	17,960	65,836	2
1	450	338	204,836	.....	.....	20	5,200	15	11,700	.....	.....	.....	.....	287,630	710,025	3
1	624	5	1,904	1	260	.....	.....	.....	.....	.....	.....	.....	.....	16,015	27,000	4
1	116	167	43,691	.....	.....	9	1,383	73	40,980	.....	.....	2	184	129,397	263,246	5
.....	.....	28	19,978	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26,025	65,275	6
.....	.....	30	16,632	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,280	53,140	7
.....	.....	22	13,140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,629	65,166	8
1	500	91	38,798	.....	.....	.....	.....	2	700	.....	.....	.....	.....	112,595	239,600	9
.....	.....	257	135,907	1	312	26	5,947	9	4,700	.....	.....	.....	.....	244,744	522,809	10
.....	.....	97	48,334	.....	.....	1	156	2	1,128	.....	.....	.....	.....	60,305	161,700	11
1	280	65	39,445	.....	.....	8	1,450	10	6,475	.....	.....	.....	.....	55,035	190,910	12
.....	.....	92	62,510	.....	.....	.....	.....	1	520	.....	.....	.....	.....	84,730	204,850	13

TABLE 5.—SPECIFIED INDUSTRIES, BY

310.—SILK AND SILK GOODS. (See special report on Silk manufacture in Part III.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
				Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
			Aggregate.	Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	472	$51,067,537	$21,086,368	$1,691,660	$5,212,968	$14,181,680	$29,921,229	$4,259,623	56,913	$19,680,318	1,396	$1,852,235
2	California	9	112,283	30,409	.....	.....	30,409	81,874	16,438	214	83,566	7	12,580
3	Connecticut	35	9,037,042	2,913,327	152,589	1,143,200	1,617,538	6,123,715	270,426	5,081	2,066,864	109	155,895
4	Illinois	10	422,096	199,200	33,000	60,000	106,200	222,896	35,761	865	295,636	41	56,384
5	Maryland	4	50,400	19,900	6,000	1,500	12,400	30,500	3,798	75	24,233	3	3,600
6	Massachusetts	20	3,353,296	956,708	77,300	287,500	591,908	2,396,588	484,390	3,216	1,296,399	215	253,615
7	New Jersey	132	16,809,927	7,209,643	590,919	1,579,160	5,039,564	9,600,284	1,356,137	17,917	7,176,189	411	526,642
8	New York	185	11,165,918	4,989,000	544,002	832,240	3,612,758	6,176,918	1,123,671	13,151	5,584,399	461	579,212
9	Ohio	3	37,830	16,750	10,000	5,000	1,750	21,080	2,662	40	13,685	2	1,600
10	Pennsylvania	66	9,362,063	4,404,181	236,850	1,225,652	2,941,679	4,957,882	939,051	9,522	2,981,334	184	250,743
11	Rhode Island	3	122,256	70,364	.....	.....	76,364	51,892	17,427	194	61,978	6	7,675
12	All other states (a)	5	534,426	276,826	41,000	78,716	157,110	257,600	15,862	698	156,104	17	16,289

a Includes establishments distributed as follows: Maine, 1; Michigan, 1; Missouri, 1; North Carolina, 1; Virginia, 1.

311.—SILVERSMITHING.

1	The United States...	24	410,773	79,275	550	200	78,525	331,498	26,755	314	253,652	34	56,498
2	Illinois	4	35,800	26,800	.....	.....	26,800	15,600	7,369	50	31,322	5	5,474
3	Massachusetts	5	5,210	3,800	.....	.....	3,800	1,410	1,594	13	12,258	5	5,406
4	New York	7	220,900	42,400	.....	.....	42,400	178,500	16,693	201	180,354	16	37,796
5	Texas	3	1,088	800	500	100	200	288	125	5	1,150	.....	.....
6	All other states (a)	5	147,775	11,475	50	100	11,325	136,300	1,574	45	28,568	8	7,828

a Includes establishments distributed as follows: California, 1; Pennsylvania, 2; Rhode Island, 1; Virginia, 1.

312.—SILVERWARE. (See also Plated and britannia ware.)

1	The United States...	30	5,317,641	1,766,367	215,560	380,560	1,170,367	3,551,274	633,891	2,306	1,618,429	140	214,144
2	Connecticut	3	460,800	150,500	40,000	20,000	90,500	310,300	63,435	172	93,840	12	21,600
3	Maryland	5	41,178	12,500	.....	.....	12,500	28,678	2,562	59	46,514	4	4,120
4	Massachusetts	3	769,491	161,600	3,000	57,000	101,600	607,891	103,251	314	191,304	24	36,825
5	New York	7	461,825	216,600	10,000	6,000	200,600	245,225	26,159	425	300,545	15	19,923
6	Pennsylvania	5	269,580	131,667	27,560	27,500	76,667	137,913	7,628	120	86,611	11	21,500
7	Rhode Island	4	3,002,232	947,560	125,000	250,000	572,560	2,054,732	367,389	1,634	780,935	64	93,400
8	All other states (a)	3	312,535	146,000	10,000	20,000	116,000	166,535	63,467	182	118,080	10	16,776

a Includes establishments distributed as follows: Louisiana, 1; New Hampshire, 1; New Jersey, 1.

313.—SLAUGHTERING AND MEAT PACKING, WHOLESALE. (See also Lard, refined; Sausage, and Table 8.)

1	The United States...	611	98,190,766	36,652,521	16,585,656	17,992,271	8,974,594	61,538,245	13,200,585	46,409	23,491,161	2,809	3,138,168
2	California	18	840,830	327,050	137,650	107,500	82,500	513,780	59,479	263	170,363	39	48,280
3	Colorado	4	340,150	117,050	40,000	19,900	57,150	223,100	29,640	91	77,492	14	21,668
4	Connecticut	10	547,750	328,500	86,000	151,500	91,000	219,250	20,250	388	262,638	27	27,244
5	Delaware	3	142,500	59,500	16,500	19,000	24,000	83,000	3,392	42	24,600	6	4,840
6	District of Columbia	24	118,230	75,775	36,350	32,800	6,625	42,455	11,029	109	57,083	27	19,976
7	Illinois	60	46,317,930	13,621,870	4,526,236	5,802,826	3,298,808	26,696,060	6,391,900	18,178	11,068,871	907	1,613,353
8	Indiana	12	1,694,280	565,444	80,300	406,209	78,935	1,128,836	150,369	1,173	522,042	59	45,859
9	Iowa	25	4,105,020	2,126,680	294,400	1,370,560	461,780	1,978,340	452,147	2,128	1,014,817	112	151,242
10	Kansas	15	11,064,683	4,657,473	1,241,225	2,606,349	809,899	6,407,210	3,318,262	5,210	2,893,025	196	246,256
11	Kentucky	17	1,415,373	357,300	93,950	175,200	88,150	1,058,073	136,312	439	161,571	48	42,377
12	Maryland	14	958,521	336,600	76,800	97,750	156,050	627,921	75,232	421	225,112	52	53,654
13	Massachusetts	14	5,599,248	2,597,956	838,600	1,332,650	426,706	4,001,298	479,515	1,626	753,787	75	87,035
14	Michigan	10	802,463	280,600	97,000	140,500	43,100	521,863	45,299	321	186,464	55	51,583
15	Minnesota	13	696,746	357,006	190,700	124,106	42,200	339,746	56,350	236	141,688	29	31,520
16	Missouri	41	4,611,745	1,420,695	425,370	593,400	401,925	3,191,050	368,108	1,267	729,624	135	176,496
17	Nebraska	6	4,305,700	1,569,000	147,000	927,000	495,000	2,736,700	443,550	1,981	1,127,382	118	116,999
18	New Jersey	22	914,610	467,900	113,600	170,700	183,600	446,710	100,627	379	267,820	63	65,144
19	New York	76	6,740,912	2,780,859	886,650	1,063,752	830,457	3,960,053	460,478	2,186	1,412,241	244	276,486
20	Ohio	70	3,100,425	1,256,890	449,115	471,410	336,365	1,843,535	193,933	1,376	814,645	205	219,187
21	Oregon	5	439,600	178,000	80,000	67,000	31,000	261,600	16,718	100	108,400	18	35,160
22	Pennsylvania	114	4,828,593	2,023,335	499,410	851,475	672,450	2,805,258	215,850	1,256	826,516	241	274,374
23	Rhode Island	10	753,100	89,100	17,500	15,000	56,600	664,000	45,149	291	186,609	47	50,010
24	Tennessee	3	54,500	26,000	8,750	10,250	7,000	28,500	1,782	34	17,820	8	6,120
25	Wisconsin	15	2,269,880	863,300	166,000	467,000	230,300	1,406,580	98,388	782	386,854	45	48,581
26	All other states (a)	16	527,977	174,650	43,150	68,500	63,000	353,327	41,826	193	121,437	39	36,729

a Includes establishments distributed as follows: Maine, 2; New Hampshire, 1; South Dakota, 2; Virginia, 1; Washington, 2; West Virginia, 2.

STATES AND TERRITORIES: 1890—Continued.

310.—SILK AND SILK GOODS. (See special report on Silk manufacture in Part III.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cent'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
135	$65,642	11,478	$6,254,114	19,907	$5,523,790	2,666	$407,321	6,124	$3,095,417	9,007	$2,446,275	200	$35,524	$51,004,425	$87,298,454	1
4	2,696	47	25,720	150	39,606	2	470	2	1,870	2	624	.....	.....	146,406	271,912	2
8	3,378	1,195	699,280	2,614	724,406	123	24,076	345	197,740	687	202,025	.....	.....	6,201,876	9,788,951	3
8	3,930	139	72,220	535	143,392	10	1,560	18	10,110	54	14,040	.....	.....	314,855	785,845	4
.....	.....	28	12,045	44	8,588	.....	.....	.....	.....	.....	.....	.....	.....	34,305	100,361	5
8	4,500	893	436,258	1,550	424,663	80	17,595	84	49,155	378	109,038	8	1,575	3,251,893	5,557,569	6
61	20,928	4,010	2,165,828	5,961	1,801,445	863	129,579	3,763	1,663,655	2,812	862,160	36	11,943	17,908,883	30,760,371	7
31	22,124	3,115	1,926,791	4,888	1,413,770	265	40,534	1,341	846,287	3,095	753,806	15	1,875	10,174,818	19,417,796	8
2	912	8	3,649	28	7,524	.....	.....	.....	.....	.....	.....	.....	.....	13,983	33,927	9
8	5,306	1,879	837,909	3,777	900,732	1,163	177,196	541	317,327	1,840	474,300	130	17,821	12,094,389	19,357,546	10
2	832	44	20,964	54	13,427	19	2,952	5	1,434	53	12,384	11	2,310	149,763	229,062	11
3	1,036	120	53,450	306	46,237	141	13,359	25	7,839	86	17,894	.....	.....	713,254	995,114	12

311.—SILVERSMITHING.

6	3,376	257	187,260	13	5,856	4	662	.....	.....	.....	.....	.....	.....	204,237	621,567	1
1	1,000	44	24,848	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64,889	184,924	2
.....	.....	8	6,852	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,807	19,600	3
1	500	174	137,352	10	4,712	.....	.....	.....	.....	.....	.....	.....	.....	107,751	331,650	4
.....	.....	4	968	.....	.....	1	182	.....	.....	.....	.....	.....	.....	691	3,075	5
4	1,876	27	17,240	3	1,144	3	480	.....	.....	.....	.....	.....	.....	27,099	82,318	6

312.—SILVERWARE. (See also Plated and britannia ware.)

21	9,312	1,941	1,302,637	130	39,887	12	2,119	62	50,330	.....	.....	.....	.....	2,129,344	5,813,737	1
.....	.....	132	63,640	28	8,600	.....	.....	.....	.....	.....	.....	.....	.....	81,500	325,000	2
.....	.....	45	38,734	2	312	1	78	7	3,270	.....	.....	.....	.....	34,584	107,920	3
.....	.....	244	135,342	30	9,137	.....	.....	16	10,000	.....	.....	.....	.....	350,805	794,474	4
13	5,900	381	267,044	12	4,178	.....	.....	4	3,500	.....	.....	.....	.....	314,339	1,435,535	5
6	2,184	88	57,964	.....	.....	10	1,963	5	3,000	.....	.....	.....	.....	145,158	272,977	6
1	500	910	648,291	34	12,344	.....	.....	25	26,400	.....	.....	.....	.....	1,045,860	2,509,869	7
1	728	141	91,622	24	5,316	1	78	5	4,160	.....	.....	.....	.....	157,098	367,962	8

313.—SLAUGHTERING AND MEAT PACKING, WHOLESALE. (See also Lard, refined; Sausage, and Table 8.)

98	48,964	34,601	19,243,991	471	138,469	645	119,989	1,266	655,135	516	146,289	3	156	366,993,662	433,252,315	1
1	600	163	121,483	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,927,245	2,420,673	2
.....	.....	77	55,824	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,825,249	2,128,030	3
.....	.....	361	175,394	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,172,333	3,816,051	4
.....	.....	36	19,760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	235,450	302,460	5
.....	.....	80	36,697	.....	.....	2	416	.....	.....	.....	.....	.....	.....	664,753	858,439	6
31	14,448	15,533	9,401,434	243	75,584	408	76,281	797	410,943	259	76,828	.....	.....	169,934,270	200,414,531	7
4	960	959	440,843	100	24,640	34	5,184	.....	.....	17	4,556	.....	.....	5,878,918	6,924,801	8
3	1,500	1,996	857,635	7	2,100	10	2,340	.....	.....	.....	.....	.....	.....	17,375,828	19,615,386	9
6	4,240	4,400	2,389,015	48	16,060	103	22,160	288	161,772	169	53,521	.....	.....	36,031,824	44,592,671	10
.....	.....	370	115,775	.....	.....	1	104	20	3,315	.....	.....	.....	.....	2,283,997	2,968,227	11
1	250	357	168,902	3	650	4	606	4	1,050	.....	.....	.....	.....	3,668,147	4,311,412	12
3	1,238	1,473	633,181	10	2,132	.....	.....	65	30,200	.....	.....	.....	.....	13,185,256	16,692,851	13
3	1,326	262	133,230	1	325	.....	.....	.....	.....	.....	.....	.....	.....	2,684,053	3,069,298	14
4	1,584	193	106,422	1	300	5	782	3	480	.....	.....	.....	.....	1,557,171	1,926,137	15
4	1,250	1,046	542,908	27	7,620	.....	.....	9	2,350	46	5,000	.....	.....	12,439,412	14,789,012	16
.....	.....	1,755	975,583	.....	.....	53	7,900	39	28,100	16	4,800	.....	.....	21,717,327	24,026,876	17
2	520	314	202,156	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,529,988	5,252,552	18
20	12,216	1,898	1,115,553	5	1,758	3	276	7	4,368	9	1,584	.....	.....	29,832,621	34,818,582	19
3	2,960	1,137	581,731	6	2,300	2	300	20	7,411	.....	.....	3	156	11,269,900	13,280,649	20
.....	.....	81	73,050	.....	.....	1	250	.....	.....	.....	.....	.....	.....	1,222,330	1,570,935	21
11	5,202	985	533,404	11	3,100	1	390	7	4,046	.....	.....	.....	.....	11,669,651	14,110,303	22
2	670	239	134,570	.....	.....	3	750	.....	.....	.....	.....	.....	.....	4,213,329	4,627,366	23
.....	.....	24	11,100	.....	.....	.....	.....	2	600	.....	.....	.....	.....	124,090	150,742	24
.....	.....	719	334,623	3	1,400	15	2,250	.....	.....	.....	.....	.....	.....	7,686,675	8,393,754	25
.....	.....	143	83,708	6	500	.....	.....	5	500	.....	.....	.....	.....	1,863,845	2,160,577	26

TABLE 5.—SPECIFIED INDUSTRIES, BY

314.—SLAUGHTERING, WHOLESALE, NOT INCLUDING MEAT PACKING. (See also Lard, refined; Sausage, and Table 8.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	507	$18,696,738	$8,349,270	$2,509,667	$3,211,822	$2,627,781	$10,347,468	$2,516,150	7,537	$5,350,475	1,049	$1,342,114
2	California	32	1,379,706	115,313	37,400	15,509	62,413	1,264,393	230,729	377	353,764	102	140,730
3	Connecticut	5	115,135	65,560	28,060	23,650	13,850	49,575	22,115	38	34,448	12	17,801
4	Illinois	21	489,185	236,675	112,300	95,000	29,375	252,510	71,716	738	518,534	46	59,566
5	Indiana	9	3,651,975	1,128,416	63,200	543,396	521,820	2,523,559	1,207,864	1,076	635,621	79	92,740
6	Iowa	4	380,000	89,600	600	23,000	66,000	290,400	74,618	600	297,140	36	36,120
7	Kansas	3	21,375	15,750	7,100	6,500	2,150	5,625	3,938	13	6,640	3	2,860
8	Kentucky	9	32,572	15,102	3,400	7,100	4,602	17,470	4,804	30	18,813	7	7,240
9	Maine	5	30,875	11,375	4,100	5,800	1,475	19,500	2,557	19	9,288	9	5,250
10	Maryland	3	34,569	22,310	4,200	15,600	2,510	12,250	927	23	13,180	2	1,820
11	Massachusetts	10	588,487	107,313	3,350	87,100	16,863	481,174	26,867	266	209,428	35	48,532
12	Michigan	20	223,760	125,985	56,550	56,000	13,435	97,775	13,439	95	57,834	29	23,200
13	Minnesota	5	44,600	19,800	10,000	6,000	3,800	24,800	4,103	28	21,768	8	9,960
14	Missouri	27	375,035	203,090	81,700	108,500	12,890	171,945	18,635	172	139,394	35	50,450
15	New Jersey	28	911,040	223,115	104,500	80,500	38,115	687,925	56,998	367	358,068	71	122,902
16	New York	105	5,864,548	2,992,290	288,840	1,380,500	1,322,950	2,872,258	499,605	2,117	1,760,927	294	450,012
17	Ohio	68	482,115	317,680	154,250	106,150	57,280	164,435	41,050	257	169,905	78	78,922
18	Pennsylvania	128	1,352,196	762,860	229,483	239,900	293,486	589,327	100,722	714	348,732	134	116,650
19	Utah	4	302,134	90,950	60,900	20,300	9,750	211,184	16,096	74	60,754	12	14,770
20	Wisconsin	7	352,941	191,227	68,784	93,926	28,517	161,714	10,124	141	75,008	18	20,598
21	All other states (a)	14	2,064,499	1,614,850	1,190,950	297,400	126,500	449,649	109,243	392	261,229	39	41,891

a Includes establishments distributed as follows: Colorado, 1; Delaware, 2; Florida, 2; Georgia, 1; Nebraska, 1; New Hampshire, 1; North Carolina, 1; Oregon, 2; Vermont, 1; Washington, 2.

315.—SMELTING AND REFINING.

1	The United States...	50	9,425,912	4,295,843	448,910	2,686,490	1,160,443	5,130,069	472,096	1,765	1,122,353	117	169,583
2	Illinois	7	321,190	98,725	18,000	44,000	36,725	222,465	86,972	137	93,733	23	28,694
3	Missouri	7	112,095	100,875	79,210	12,990	8,675	11,220	3,327	41	15,367	6	5,300
4	New Jersey	8	140,075	28,300	5,900	12,300	10,100	111,775	27,238	143	94,385	18	28,540
5	New York	4	88,163	27,400	9,000	7,500	10,900	60,763	5,651	44	33,688	8	7,148
6	Pennsylvania	7	62,850	27,990	650	17,650	9,690	34,860	4,708	49	21,933	16	10,015
7	All other states (a)	17	8,701,539	4,012,553	336,150	2,592,050	1,084,353	4,688,986	345,100	1,351	863,247	46	89,886

a Includes establishments distributed as follows: Colorado, 2; Connecticut, 2; Iowa, 2; Kansas, 1; Kentucky, 1; Maryland, 1; Massachusetts, 2; Nebraska, 1; Ohio, 1; Oregon, 1; Rhode Island, 1; Wisconsin, 2.

316.—SOAP AND CANDLES. (See also Grease and tallow.)

1	The United States...	578	24,821,069	11,183,713	3,140,704	4,148,637	3,894,372	13,637,356	3,355,625	9,305	4,951,648	1,411	1,505,506
2	California	24	925,125	426,400	161,950	67,150	197,300	498,725	103,486	275	200,455	59	79,530
3	Connecticut	17	344,839	180,794	39,120	86,879	54,795	164,045	111,395	161	88,438	28	32,592
4	Illinois	35	4,743,650	1,868,004	745,373	493,848	628,783	2,875,646	652,207	1,198	644,151	166	182,714
5	Indiana	13	180,550	117,300	12,900	55,200	49,200	63,250	13,608	119	55,400	33	24,694
6	Iowa	10	218,775	92,768	31,550	33,906	27,312	126,007	11,072	94	48,913	24	19,372
7	Kansas	9	130,379	69,000	19,200	24,750	25,050	61,379	15,905	55	30,039	16	14,610
8	Kentucky	6	452,823	254,552	112,552	81,000	61,000	198,271	9,389	89	41,169	18	13,840
9	Louisiana	11	201,095	95,785	16,000	59,615	20,170	105,310	4,581	83	46,908	25	20,140
10	Maine	10	29,702	15,495	2,305	7,565	5,625	14,207	4,681	23	11,183	12	6,664
11	Maryland	6	430,642	190,592	29,015	88,756	72,821	240,050	29,590	153	80,300	18	19,440
12	Massachusetts	76	1,564,595	709,631	197,450	289,425	222,756	854,964	236,202	833	445,985	135	126,517
13	Michigan	13	261,380	145,500	41,200	57,300	47,000	115,880	18,849	142	66,644	22	29,168
14	Minnesota	5	213,838	124,800	52,800	35,600	36,400	89,038	27,818	84	40,712	21	18,578
15	Missouri	15	941,310	482,424	178,840	169,843	133,741	458,886	53,721	322	168,503	58	54,479
16	Nebraska	4	116,625	76,950	51,950	13,675	12,225	39,675	5,216	40	24,218	7	7,760
17	New Hampshire	13	28,321	20,550	4,625	9,225	6,700	7,771	2,592	29	13,788	12	6,593
18	New Jersey	14	2,206,143	698,950	300,000	249,300	149,650	1,507,193	382,762	593	300,531	43	54,510
19	New York	101	4,654,025	2,122,451	567,120	619,403	935,928	2,531,574	846,599	2,027	1,167,279	278	340,278
20	Ohio	49	2,404,544	1,498,369	132,325	1,017,295	348,749	906,175	188,188	1,149	512,128	130	149,397
21	Pennsylvania	72	2,983,171	1,132,873	240,944	445,022	446,907	1,850,298	468,925	947	505,148	171	170,822
22	Rhode Island	14	197,644	78,525	16,900	21,600	40,025	119,119	36,900	247	111,239	27	34,787
23	Tennessee	3	152,600	78,600	19,935	22,665	36,000	74,000	9,280	61	26,966	7	5,800
24	Texas	9	169,500	91,550	26,750	31,400	33,400	77,950	10,651	84	43,344	12	12,634
25	Vermont	6	29,975	19,150	1,800	9,200	8,150	10,825	2,754	15	6,572	4	2,600
26	Virginia	6	57,575	18,500	300	4,300	13,900	39,075	7,231	47	18,957	7	4,940
27	Washington	4	49,500	26,000	8,000	4,000	14,000	23,500	5,136	25	19,925	9	8,460
28	Wisconsin	17	456,987	228,120	75,300	64,915	87,905	228,867	65,454	179	87,512	38	36,164
29	All other states and territories. (a)	16	675,756	320,080	55,460	85,800	178,880	355,676	31,493	231	144,941	31	37,423

a Includes establishments distributed as follows: Alabama, 2; Arkansas, 1; Colorado, 2; District of Columbia, 1; Georgia, 2; Nevada, 1; Oregon, 2; South Carolina, 1; Utah, 2; West Virginia, 1; Wyoming, 1.

STATES AND TERRITORIES: 1890—Continued.

314.—SLAUGHTERING, WHOLESALE, NOT INCLUDING MEAT PACKING. (See also Lard, refined; Sausage, and Table 8.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
15	$7,414	6,130	$3,735,117	3	$796	42	$8,887	288	$253,647	.....	.....	10	$2,500	$113,968,549	$128,359,353	1
2	820	271	211,669	.....	.....	1	240	1	275	.....	.....	.....	.....	6,147,815	7,348,185	2
3	1,482	22	14,645	1	520	.....	.....	.....	.....	.....	.....	.....	.....	255,739	337,327	3
.....	.....	665	440,440	.....	.....	.....	.....	27	18,528	.....	.....	.....	.....	10,969,642	11,876,851	4
.....	.....	997	542,881	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,546,552	20,989,039	5
2	400	502	241,120	.....	.....	30	7,000	20	10,000	.....	.....	10	2,500	3,279,395	3,810,190	6
.....	.....	10	3,780	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88,190	103,406	7
.....	.....	23	11,573	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	320,667	405,784	8
.....	.....	10	4,038	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	177,007	208,796	9
.....	.....	21	11,360	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	301,416	359,278	10
.....	.....	185	114,978	.....	.....	.....	.....	46	45,918	.....	.....	.....	.....	3,186,921	3,528,794	11
.....	.....	63	33,978	1	156	1	200	1	200	.....	.....	.....	.....	762,111	929,680	12
.....	.....	20	11,808	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	505,783	584,294	13
1	1,500	134	86,944	.....	.....	2	500	.....	.....	.....	.....	.....	.....	2,702,940	3,531,181	14
.....	.....	257	192,284	.....	.....	.....	.....	39	42,832	.....	.....	.....	.....	11,703,593	12,560,614	15
1	312	1,676	1,177,119	1	120	1	120	144	133,244	.....	.....	.....	.....	37,728,159	41,793,569	16
1	300	177	90,483	.....	.....	.....	.....	1	200	.....	.....	.....	.....	3,071,620	3,731,549	17
2	600	571	229,124	.....	.....	2	408	5	1,950	.....	.....	.....	.....	6,905,679	7,881,301	18
.....	.....	61	45,840	.....	.....	1	144	.....	.....	.....	.....	.....	.....	457,064	545,200	19
.....	.....	123	54,410	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,489,998	1,952,644	20
3	2,000	342	216,613	.....	.....	4	275	4	450	.....	.....	.....	.....	5,368,258	5,881,671	21

315.—SMELTING AND REFINING.

2	1,470	1,639	950,000	1	300	3	400	.....	.....	.....	.....	3	600	25,285,191	28,188,826	1
.....	.....	114	65,039	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,072,155	1,356,200	2
.....	.....	35	19,067	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29,432	71,836	3
.....	.....	125	65,845	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,605,000	1,787,670	4
.....	.....	36	26,540	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	151,325	233,860	5
.....	.....	32	11,618	1	300	.....	.....	.....	.....	.....	.....	.....	.....	47,717	76,333	6
2	1,470	1,297	770,891	.....	.....	3	400	.....	.....	.....	.....	3	600	22,379,562	24,662,973	7

316.—SOAP AND CANDLES. (See also Grease and tallow.)

73	29,288	5,931	2,982,056	972	238,784	461	69,415	144	48,331	210	$68,801	53	9,467	28,687,412	43,600,285	1
.....	.....	180	110,490	18	4,834	5	1,022	2	1,248	11	3,331	.....	.....	827,231	1,248,080	2
.....	.....	88	41,568	8	3,525	.....	.....	12	3,000	25	7,753	.....	.....	277,510	561,513	3
6	3,304	796	399,905	142	36,158	45	10,204	3	550	40	11,316	.....	.....	7,455,241	9,857,550	4
3	1,800	64	24,966	8	2,470	9	1,270	.....	.....	.....	.....	2	200	198,097	325,202	5
.....	.....	54	26,313	9	2,265	5	863	2	100	.....	.....	.....	.....	238,219	372,132	6
.....	.....	30	13,329	1	250	1	250	3	800	4	800	.....	.....	160,667	253,219	7
1	500	55	24,050	15	2,779	.....	.....	.....	.....	.....	.....	.....	.....	197,000	280,792	8
1	260	56	26,300	.....	.....	1	208	.....	.....	.....	.....	.....	.....	133,477	221,164	9
.....	.....	11	4,519	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36,695	70,548	10
.....	.....	123	58,702	.....	.....	12	2,158	.....	.....	.....	.....	.....	.....	363,499	621,279	11
6	2,012	575	288,417	82	17,879	2	408	17	5,850	14	4,162	3	740	2,089,755	3,032,984	12
2	600	86	38,848	13	2,028	.....	.....	11	4,620	2	240	6	140	221,891	393,405	13
.....	.....	39	16,684	22	5,300	2	150	.....	.....	.....	.....	.....	.....	229,120	356,719	14
2	180	196	103,311	18	3,366	34	3,214	5	1,720	9	2,233	.....	.....	1,047,091	1,427,404	15
.....	.....	29	15,106	4	1,352	.....	.....	.....	.....	.....	.....	.....	.....	154,659	237,250	16
.....	.....	17	7,195	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,008	46,271	17
1	312	479	234,133	20	5,994	50	5,582	.....	.....	.....	.....	.....	.....	997,877	2,014,847	18
38	14,192	1,261	704,104	235	54,232	80	6,565	35	15,294	60	24,314	40	8,300	5,295,768	9,036,982	19
6	2,392	790	317,257	145	29,573	37	4,579	28	5,840	13	3,090	.....	.....	4,081,984	5,746,660	20
6	2,662	497	253,394	171	52,785	64	10,641	14	6,809	22	7,948	2	87	2,368,336	4,096,520	21
1	624	120	57,254	2	156	97	18,418	.....	.....	.....	.....	.....	.....	633,683	875,813	22
.....	.....	39	18,096	14	2,920	1	150	.....	.....	.....	.....	.....	.....	135,100	229,000	23
.....	.....	54	26,440	12	3,000	5	870	1	400	.....	.....	.....	.....	141,773	257,650	24
.....	.....	11	3,972	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,221	27,657	25
.....	.....	40	14,017	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63,226	132,130	26
.....	.....	13	10,200	3	1,265	.....	.....	.....	.....	.....	.....	.....	.....	29,844	65,500	27
1	450	101	44,208	23	4,107	2	263	11	2,100	3	520	.....	.....	420,120	647,904	28
.....	.....	177	99,278	7	2,546	9	2,600	.....	.....	7	3,094	.....	.....	859,230	1,164,110	29

TABLE 5.—SPECIFIED INDUSTRIES, BY

317.—SODA WATER APPARATUS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males over 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	12	$3,354,928	$1,122,006	$238,900	$225,600	$657,506	$2,232,922	$381,110	993	$728,121	145	$176,806
2	New York	3	1,469,300	860,500	192,500	165,000	503,000	608,800	22,240	373	332,470	71	120,774
3	Wisconsin	3	154,400	36,300	10,400	15,300	10,600	118,100	2,660	41	24,906	8	6,814
4	All other states (a)	6	1,731,228	225,206	36,000	45,300	143,906	1,506,022	356,210	579	370,745	66	49,218

a Includes establishments distributed as follows: Indiana, 2; Massachusetts, 2; Pennsylvania, 2.

318.—SPORTING GOODS.

1	The United States...	136	1,693,776	785,506	100,590	185,935	498,981	908,270	101,709	2,199	881,970	180	171,463
2	California	3	2,450	520	.....	.....	520	1,930	486	8	5,722	2	1,820
3	Connecticut	5	112,617	52,028	10,500	15,000	26,528	60,589	2,618	58	27,610	6	3,450
4	Illinois	5	171,725	54,175	24,000	15,000	15,175	117,550	7,045	153	70,182	8	11,902
5	Massachusetts	20	312,776	155,039	17,000	56,685	81,354	157,737	21,370	390	141,172	25	21,788
6	Michigan	4	33,393	14,450	.....	.....	14,450	18,943	3,202	48	22,638	7	4,240
7	New Jersey	3	88,616	46,900	900	4,000	42,000	41,716	4,439	65	30,608	5	4,940
8	New York	65	372,975	153,524	16,740	20,259	116,534	219,451	31,180	794	310,603	77	71,898
9	Ohio	3	54,423	39,070	2,000	17,000	19,070	15,353	1,247	73	25,596	5	5,500
10	Pennsylvania	10	227,850	114,650	8,000	6,000	100,650	113,200	13,491	291	95,739	17	20,451
11	Rhode Island	7	200,301	106,600	9,000	37,000	60,600	93,701	8,288	172	89,024	12	12,266
12	All other states (a)	11	116,650	48,550	11,450	15,000	22,100	68,100	8,343	147	63,082	16	13,208

a Includes establishments distributed as follows: Kentucky, 2; Maine, 2; Missouri, 2; New Hampshire, 1; Oregon, 1; Tennessee, 1; Vermont, 2.

319.—SPRINGS, STEEL, CAR AND CARRIAGE.

1	The United States...	57	3,459,422	1,727,252	428,159	389,783	909,310	1,732,170	178,290	1,892	1,174,770	151	208,902
2	Connecticut	3	46,500	34,800	15,000	3,000	16,800	11,700	790	8	5,390	1	1,040
3	Illinois	6	1,003,282	655,117	195,359	108,000	351,758	348,165	32,442	381	261,182	22	29,080
4	Indiana	3	103,649	22,709	1,000	500	21,209	80,940	8,869	91	47,958	7	6,728
5	Massachusetts	6	63,709	26,628	1,800	1,700	23,128	37,081	8,495	93	42,874	10	9,008
6	New Jersey	6	268,700	108,500	27,000	23,000	58,500	160,200	19,709	181	126,681	15	28,250
7	New York	9	309,654	99,250	7,000	29,000	63,250	210,404	27,985	237	151,055	26	39,042
8	Ohio	8	392,938	183,648	47,000	63,583	73,065	209,290	20,878	375	205,247	25	33,004
9	Pennsylvania	7	927,008	442,500	127,000	128,500	187,000	484,508	21,051	268	195,944	22	39,250
10	All other states (a)	9	343,982	154,100	7,000	32,500	114,600	189,882	38,071	258	138,529	23	23,500

a Includes establishments distributed as follows: California, 1; Delaware, 2; Maine, 1; Michigan, 2; Missouri, 2; Wisconsin, 1.

320.—STAMPED WARE. (See also Tinsmithing, coppersmithing, and sheet-iron working.)

1	The United States...	99	8,692,888	4,284,347	974,250	658,639	2,651,458	4,408,541	630,881	7,075	3,092,872	322	385,795
2	Connecticut	8	105,655	60,600	14,650	10,850	35,100	45,055	15,447	189	75,054	14	11,120
3	Illinois	5	332,075	171,500	47,500	34,000	90,000	160,575	9,879	474	183,919	22	25,569
4	Massachusetts	6	688,269	334,598	85,000	56,164	193,434	353,671	76,094	341	165,368	12	13,595
5	New Jersey	22	1,402,126	635,825	33,100	52,225	550,500	766,301	100,122	1,602	630,904	48	57,868
6	New York	30	1,985,055	936,362	32,500	75,900	827,962	1,048,693	199,864	2,112	934,954	109	127,660
7	Ohio	9	889,392	404,012	93,000	84,500	226,512	485,380	70,884	606	276,287	44	55,760
8	Pennsylvania	12	942,666	406,700	64,000	96,000	246,700	535,966	39,776	607	274,240	39	34,574
9	All other states (a)	7	2,347,650	1,334,750	604,500	249,000	481,250	1,012,900	118,815	1,144	552,146	34	59,649

a Includes establishments distributed as follows: California, 2; Colorado, 1; Indiana, 1; Maryland, 1; Michigan, 1; Missouri, 1.

321.—STARCH.

1	The United States...	80	4,929,155	2,747,655	324,011	1,377,608	1,046,036	2,181,500	1,108,135	3,121	1,189,017	212	225,617
2	Connecticut	7	94,879	22,100	6,600	6,100	9,400	72,779	18,549	60	27,783	17	13,815
3	Florida	3	675	530	45	130	355	145	10	6	1,650	5	1,590
4	Indiana	8	894,800	600,500	64,000	310,000	226,500	294,300	71,732	690	251,740	32	33,045
5	Iowa	4	181,890	54,175	6,000	27,000	21,175	127,715	50,985	128	57,011	21	21,437
6	Maine	18	117,350	117,350	5,300	63,700	48,350	.....	19,579	324	34,855	15	2,690
7	Massachusetts	5	415,900	256,700	22,000	31,000	203,700	159,200	5,003	57	36,572	10	10,064
8	Minnesota	6	94,250	75,200	4,600	41,100	29,500	19,050	10,631	83	34,223	10	7,843
9	New York	16	2,189,934	939,500	140,000	482,200	317,300	1,250,434	822,659	1,241	542,118	65	104,751
10	Ohio	3	710,825	514,600	52,566	340,028	122,006	196,225	95,170	363	143,775	18	19,058
11	All other states (a)	10	228,652	167,000	22,900	76,350	67,750	61,652	13,808	169	59,290	19	11,324

a Includes establishments distributed as follows: Illinois, 1; Kansas, 1; Nebraska, 1; New Hampshire, 1; Pennsylvania, 1; Rhode Island, 1; Vermont, 2; Wisconsin, 2.

STATES AND TERRITORIES: 1890—Continued.

317.—SODA WATER APPARATUS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
9	$4,235	753	$496,284	13	$3,515	11	$2,375	53	$41,074	9	$3,832	.....	.....	$1,016,202	$2,711,879	1
.....	.....	290	206,579	7	1,689	.....	.....	5	3,428	.....	.....	.....	.....	282,653	845,123	2
.....	.....	33	18,092	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	94,584	155,850	3
9	4,235	430	271,613	6	1,826	11	2,375	48	37,646	9	3,832	.....	.....	638,965	1,710,906	4

318.—SPORTING GOODS.

11	4,596	906	444,502	462	109,694	112	21,768	138	66,363	390	53,584	.....	.....	1,119,806	2,709,449	1
.....	.....	5	3,692	.....	.....	.....	.....	1	210	.....	.....	.....	.....	5,329	12,887	2
.....	.....	37	20,960	13	2,900	.....	.....	2	300	.....	.....	.....	.....	16,459	58,900	3
.....	.....	89	41,912	36	8,448	.....	.....	20	7,920	.....	.....	.....	.....	88,216	218,600	4
2	910	136	64,372	96	34,641	6	716	9	5,425	116	13,320	.....	.....	260,293	479,389	5
.....	.....	23	11,282	2	300	7	1,716	8	4,800	1	300	.....	.....	35,997	73,050	6
.....	.....	15	9,256	6	1,280	9	1,872	16	9,620	14	3,640	.....	.....	22,850	132,000	7
4	1,332	306	141,452	203	40,529	1	350	45	22,538	158	32,504	.....	.....	276,624	744,685	8
.....	.....	21	11,890	4	450	43	7,750	.....	.....	.....	.....	.....	.....	32,777	119,000	9
2	1,000	78	35,890	58	10,110	43	8,788	28	13,400	65	6,100	.....	.....	222,521	410,199	10
1	480	130	69,018	21	5,540	.....	.....	.....	.....	8	1,720	.....	.....	83,343	212,189	11
2	874	66	34,778	23	5,496	3	576	9	2,150	28	6,000	.....	.....	75,397	248,550	12

319.—SPRINGS, STEEL, CAR AND CARRIAGE.

7	2,926	1,193	696,793	.....	.....	22	4,362	507	260,405	.....	.....	12	$1,382	2,219,408	4,331,571	1
.....	.....	7	4,260	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,825	18,500	2
.....	.....	347	229,612	.....	.....	12	2,490	.....	.....	.....	.....	.....	.....	453,542	906,937	3
2	650	27	13,800	.....	.....	.....	.....	50	26,000	.....	.....	5	780	79,615	179,906	4
1	416	78	32,826	.....	.....	4	624	.....	.....	.....	.....	.....	.....	42,932	108,590	5
.....	.....	124	72,731	.....	.....	.....	.....	42	25,700	.....	.....	.....	.....	193,367	411,231	6
.....	.....	128	70,211	.....	.....	.....	.....	85	41,802	.....	.....	.....	.....	236,615	491,670	7
1	500	100	52,337	.....	.....	.....	.....	249	119,406	.....	.....	.....	.....	269,040	607,939	8
1	520	242	153,834	.....	.....	.....	.....	3	2,340	.....	.....	.....	.....	664,358	1,095,368	9
2	840	142	67,182	.....	.....	6	1,248	78	45,157	.....	.....	7	602	272,114	511,430	10

320.—STAMPED WARE. (See also Tinsmithing, coppersmithing, and sheet-iron working.)

5	2,344	3,342	1,723,743	857	190,206	409	71,211	1,574	585,684	527	130,623	39	3,266	5,229,888	10,475,271	1
.....	.....	96	40,625	60	17,296	.....	.....	19	6,013	.....	.....	.....	.....	31,395	131,375	2
.....	.....	97	66,206	30	3,120	.....	.....	175	48,024	150	41,000	.....	.....	222,431	451,100	3
1	300	127	69,453	27	6,988	10	1,650	133	64,486	31	8,896	.....	.....	219,950	516,907	4
.....	.....	751	338,283	164	32,896	62	6,513	409	158,903	129	33,175	39	3,266	937,048	1,922,460	5
2	1,144	1,000	547,486	260	61,584	42	6,612	564	164,818	135	25,650	.....	.....	1,839,313	3,384,613	6
.....	.....	411	165,307	28	6,500	16	3,300	92	42,420	15	3,000	.....	.....	466,501	922,099	7
1	600	199	101,166	70	20,702	84	17,576	147	80,720	67	18,902	.....	.....	317,768	761,899	8
1	300	661	395,217	218	41,120	195	35,560	35	20,300	.....	.....	.....	.....	1,195,482	2,384,827	9

321.—STARCH.

6	4,292	2,283	827,475	316	61,151	94	10,166	24	13,305	168	44,201	18	2,800	5,153,677	8,934,517	1
.....	.....	34	12,220	9	1,748	.....	.....	.....	.....	.....	.....	.....	.....	147,739	299,625	2
.....	.....	.....	.....	.....	.....	1	60	.....	.....	.....	.....	.....	.....	530	2,816	3
.....	.....	521	190,289	89	20,840	22	1,931	3	575	23	5,060	.....	.....	1,062,221	1,580,543	4
1	500	57	25,650	34	7,174	15	2,250	.....	.....	.....	.....	.....	.....	166,453	355,150	5
.....	.....	299	31,655	7	280	.....	.....	3	230	.....	.....	.....	.....	222,417	315,225	6
.....	.....	47	26,508	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	160,659	214,000	7
.....	.....	73	26,380	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	210,536	350,026	8
1	480	871	370,076	82	8,713	44	4,245	18	12,500	142	38,553	18	2,800	2,183,667	4,016,181	9
4	3,312	266	103,075	65	16,770	10	1,560	.....	.....	.....	.....	.....	.....	677,999	1,109,028	10
.....	.....	115	41,622	30	5,636	2	120	.....	.....	3	588	.....	.....	321,456	591,925	11

TABLE 5.—SPECIFIED INDUSTRIES, BY

322.—STATIONERY GOODS, NOT ELSEWHERE SPECIFIED.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	200	$5,372,309	$1,908,612	$207,740	$350,350	$1,350,522	$3,463,697	$425,554	4,790	$2,268,409	507	$607,655
2	Connecticut	5	74,572	26,000	3,700	14,900	7,400	48,572	9,723	84	35,557	9	9,630
3	Illinois	7	147,150	56,300	20,000	10,000	26,300	90,850	6,512	68	52,776	15	18,900
4	Indiana	4	35,691	4,928	----	----	4,928	30,763	2,804	58	16,743	7	5,020
5	Massachusetts	19	986,026	364,785	34,340	115,600	214,845	621,241	66,645	683	327,782	42	48,249
8	New York	91	2,272,318	877,278	97,550	72,900	706,828	1,395,040	181,473	2,206	1,160,460	322	391,610
7	Ohio	18	240,225	109,210	29,450	46,050	33,710	131,015	22,041	219	68,144	23	20,196
8	Pennsylvania	35	1,502,326	432,450	21,500	85,300	325,650	1,069,876	119,612	1,327	554,209	64	90,905
9	Rhode Island	5	23,850	7,600	----	----	7,600	16,250	1,750	28	14,094	6	6,200
10	Wisconsin	3	3,470	700	400	200	100	2,770	710	5	3,020	3	2,500
11	All other states (a)	13	86,681	29,361	800	5,400	23,161	57,320	14,284	112	35,624	16	14,445

a Includes establishments distributed as follows: California, 1; Iowa, 2; Maine, 2; Maryland, 1; Michigan, 2; Minnesota, 1; New Hampshire, 1; New Jersey, 2; Virginia, 1.

323.—STEAM FITTINGS AND HEATING APPARATUS. (See also Foundry and machine shop products.)

1	The United States...	217	17,017,364	5,853,791	977,000	1,423,441	3,453,350	11,163,573	1,485,212	11,779	7,594,395	1,090	1,369,592
2	California	5	21,850	10,650	2,000	500	8,150	11,200	2,967	33	18,340	5	3,660
3	Connecticut	10	2,402,427	934,511	117,500	263,500	553,511	1,467,916	59,633	1,306	905,422	55	95,350
4	Illinois	21	2,749,435	1,087,739	233,800	303,535	550,404	1,661,696	352,251	2,321	1,325,099	254	265,093
5	Indiana	5	142,460	59,600	17,000	25,000	17,600	82,860	6,064	87	51,896	9	13,648
6	Iowa	6	307,602	112,550	12,450	23,750	76,350	195,052	15,444	155	75,088	11	10,880
7	Kentucky	3	178,189	61,910	9,000	7,000	45,910	116,279	13,933	91	55,062	13	17,040
8	Massachusetts	28	1,299,994	436,736	43,800	79,100	313,836	863,258	136,029	1,147	745,755	80	96,668
9	Michigan	10	630,500	183,550	47,200	54,400	81,950	446,950	74,688	489	291,905	40	39,365
10	Minnesota	3	10,225	1,450	----	----	1,450	8,775	395	20	14,668	5	4,580
11	Missouri	11	332,415	136,100	67,000	28,500	40,600	196,315	21,152	243	168,307	36	41,092
12	New Jersey	8	1,485,987	457,607	78,400	47,864	331,343	1,028,380	65,263	818	532,094	78	119,962
13	New York	49	3,547,136	903,078	76,425	266,160	560,493	2,644,058	562,924	2,443	1,935,148	241	380,961
14	Ohio	13	493,287	260,811	29,200	61,050	170,561	232,476	22,541	380	208,757	45	44,165
15	Pennsylvania	26	2,557,259	915,619	206,375	236,882	472,362	1,641,640	83,121	1,522	826,213	141	161,265
16	Wisconsin	7	571,058	172,670	----	3,000	169,670	398,388	50,383	516	306,626	44	46,980
17	All other states (a)	14	287,540	119,210	36,850	23,200	59,160	168,330	18,424	208	134,015	33	30,883

a Includes establishments distributed as follows: Colorado, 1; Delaware, 2; Georgia, 1; Kansas, 2; Louisiana, 1; Maryland, 2; New Hampshire, 1; Oregon, 2; Rhode Island, 2.

324.—STEAM PACKING.

1	The United States...	34	538,564	150,582	7,200	7,700	135,682	387,982	101,192	418	229,174	100	75,892
2	Massachusetts	6	112,088	40,195	2,000	2,200	35,995	71,893	10,103	68	34,570	7	5,375
3	New York	10	200,379	64,779	5,600	5,000	54,779	195,600	56,018	193	111,665	69	47,320
4	Pennsylvania	15	149,197	37,808	200	500	37,108	111,389	33,621	147	78,970	20	21,260
5	All other states (a)	3	16,900	7,800	----	----	7,800	9,100	1,450	10	3,969	4	1,937

a Includes establishments distributed as follows: Illinois, 2; Vermont, 1.

325.—STENCILS AND BRANDS.

1	The United States...	106	445,165	261,060	16,100	13,200	231,760	184,105	58,839	499	345,377	137	134,023
2	California	5	4,139	2,550	----	----	2,550	1,589	1,450	10	8,456	5	5,610
3	Illinois	8	42,772	27,500	100	200	27,200	15,272	8,729	76	57,336	14	14,660
4	Massachusetts	13	22,431	14,100	----	----	14,100	8,331	4,349	44	31,614	13	11,953
5	Michigan	4	13,200	7,550	----	----	7,550	5,650	2,687	13	7,115	4	3,840
6	Missouri	5	6,910	4,960	----	----	4,960	1,950	1,500	12	7,431	5	5,200
7	New York	23	165,673	88,300	----	----	88,300	77,373	14,238	176	123,388	37	40,650
8	Ohio	9	19,990	8,175	----	----	8,175	11,815	3,131	23	13,698	11	8,530
9	Pennsylvania	14	113,665	71,400	16,000	13,000	42,400	42,265	10,631	67	43,965	19	16,502
10	Wisconsin	3	2,575	1,950	----	----	1,950	625	517	6	3,250	3	1,950
11	All other states (a)	22	53,810	34,575	----	----	34,575	19,235	11,607	72	49,124	26	24,928

a Includes establishments distributed as follows: Colorado, 2; Georgia, 2; Iowa, 2; Kentucky, 2; Louisiana, 2; Maine, 1; Maryland, 1; Minnesota, 2; Rhode Island, 2; Tennessee, 2; Texas, 2; Virginia, 2.

STATES AND TERRITORIES: 1890—Continued.

322.—STATIONERY GOODS, NOT ELSEWHERE SPECIFIED.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecewerkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
47	$22,894	1,865	$990,336	1,560	$404,784	180	$25,573	218	$102,098	406	$114,245	7	$824	$5,268,761	$9,292,017	1
.....	.....	37	17,107	30	7,245	4	1,020	3	488	1	67	.....	.....	34,699	90,026	2
3	2,080	33	25,764	12	4,132	1	150	4	1,750	.....	.....	.....	.....	44,856	121,396	3
1	500	13	5,356	33	5,261	.....	.....	.....	.....	4	606	.....	.....	37,008	65,957	4
12	5,336	282	176,559	219	55,096	5	832	3	1,800	120	39,910	.....	.....	779,570	1,338,587	5
13	7,076	759	458,695	869	230,788	13	2,066	71	24,120	156	45,356	3	749	1,881,619	3,987,240	6
.....	.....	70	25,347	68	12,511	16	1,090	24	6,850	18	2,150	.....	.....	179,565	318,675	7
13	5,970	600	261,267	305	84,071	125	19,515	109	66,250	107	26,156	4	75	2,218,245	3,158,421	8
2	600	15	5,594	5	1,700	.....	.....	.....	.....	.....	.....	.....	.....	22,091	49,200	9
.....	.....	.....	.....	2	520	.....	.....	.....	.....	.....	.....	.....	.....	1,209	7,000	10
3	1,332	56	14,647	17	3,460	16	900	4	840	.....	.....	.....	.....	69,899	155,515	11

323.—STEAM FITTINGS AND HEATING APPARATUS. (See alse Feundry and machine shep products.)

44	20,470	9,100	5,341,049	115	42,808	112	23,395	1,245	776,605	73	20,476	.....	.....	10,628,314	23,147,434	1
.....	.....	10	6,180	.....	.....	.....	.....	18	8,500	.....	.....	.....	.....	16,816	53,020	2
3	2,000	593	408,699	30	22,000	.....	.....	625	377,373	.....	.....	.....	.....	835,457	1,996,520	3
4	2,200	1,831	983,361	37	7,400	3	575	119	47,994	73	20,476	.....	.....	1,592,054	4,040,388	4
1	200	77	38,048	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43,979	127,400	5
.....	.....	144	64,208	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	135,304	278,570	6
1	360	77	37,662	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	133,426	232,633	7
6	3,158	1,060	645,149	.....	.....	.....	.....	1	780	.....	.....	.....	.....	1,160,905	2,391,429	8
7	3,765	314	166,903	.....	.....	.....	.....	128	81,872	.....	.....	.....	.....	486,952	1,054,707	9
.....	.....	15	10,088	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,737	27,050	10
2	840	203	125,650	.....	.....	.....	.....	2	725	.....	.....	.....	.....	393,071	671,017	11
.....	.....	667	357,382	.....	.....	.....	.....	73	54,750	.....	.....	.....	.....	917,106	1,715,696	12
10	5,201	2,013	1,421,779	38	11,408	2	312	139	115,487	.....	.....	.....	.....	2,959,019	6,131,932	13
2	456	305	156,336	8	1,400	17	4,040	3	2,300	.....	.....	.....	.....	200,836	547,774	14
6	1,550	1,190	583,722	2	600	90	18,468	93	60,608	.....	.....	.....	.....	1,047,055	2,469,788	15
1	500	430	233,146	.....	.....	.....	.....	41	26,000	.....	.....	.....	.....	290,951	770,459	16
1	240	171	102,736	.....	.....	.....	.....	3	156	.....	.....	.....	.....	403,646	639,051	17

324.—STEAM PACKING.

3	1,300	268	138,834	29	8,038	10	2,054	8	3,056	.....	.....	.....	.....	357,819	1,003,372	1
.....	.....	55	27,259	.....	.....	3	700	3	1,236	.....	.....	.....	.....	78,515	160,298	2
1	520	107	59,377	16	4,448	.....	.....	.....	.....	.....	.....	.....	.....	128,044	477,906	3
2	780	100	50,166	13	3,590	7	1,354	5	1,820	.....	.....	.....	.....	147,310	350,510	4
.....	.....	6	2,032	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,950	14,658	5

325.—STENCILS AND BRANDS.

5	1,872	314	196,787	14	5,602	14	2,301	5	2,920	10	1,872	.....	.....	167,590	732,611	1
.....	.....	4	2,690	.....	.....	1	156	.....	.....	.....	.....	.....	.....	2,050	16,928	2
.....	.....	60	41,976	.....	.....	2	500	.....	.....	.....	.....	.....	.....	23,118	116,200	3
1	156	29	19,105	.....	.....	.....	.....	1	400	.....	.....	.....	.....	8,127	52,277	4
.....	.....	7	2,840	1	260	1	175	.....	.....	.....	.....	.....	.....	2,980	14,700	5
.....	.....	3	1,436	.....	.....	2	275	2	520	.....	.....	.....	.....	2,540	13,492	6
2	780	114	74,884	12	4,992	1	210	.....	.....	10	1,872	.....	.....	70,309	273,422	7
.....	.....	12	5,168	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,775	31,240	8
1	468	42	24,566	.....	.....	3	429	2	2,000	.....	.....	.....	.....	27,400	102,817	9
.....	.....	3	1,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	893	5,863	10
1	468	40	22,822	1	350	4	556	.....	.....	.....	.....	.....	.....	23,398	105,672	11

TABLE 5.—SPECIFIED INDUSTRIES, BY

326.—STEREOTYPING AND ELECTROTYPING. (See also Type founding.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	81	$1,332,129	$786,170	$30,050	$20,125	$735,995	$545,959	$161,924	1,475	$1,068,991	177	$240,479
2	California	3	85,245	37,500	.....	.....	37,500	47,745	11,230	57	47,547	5	9,240
3	Connecticut	4	65,215	49,308	.....	.....	49,308	15,907	5,520	58	35,166	12	15,052
4	Illinois	6	200,750	128,000	.....	.....	128,000	72,750	20,483	265	167,940	21	38,353
5	Massachusetts	7	132,378	67,889	.....	.....	67,889	64,489	26,974	206	139,522	12	9,740
6	New York	30	495,170	278,600	30,000	20,000	228,600	216,570	42,300	482	389,986	65	98,346
7	Ohio	7	43,165	36,850	.....	.....	36,850	6,315	5,705	81	61,014	14	16,200
8	Pennsylvania	8	176,810	112,015	.....	.....	112,015	64,795	32,517	176	129,012	19	24,244
9	All other states and territories. (a)	16	133,396	76,008	50	125	75,833	57,388	17,195	150	98,804	29	29,304

a Includes establishments distributed as follows: Colorado, 2; District of Columbia, 2; Georgia, 1; Indiana, 1; Kentucky, 1; Louisiana, 1; Michigan, 2; Minnesota, 1; Missouri, 2; New Hampshire, 1; Rhode Island, 1; Texas, 1.

327.—STRAW GOODS, NOT ELSEWHERE SPECIFIED. (See also Hats and caps, not including wool hats.)

1	The United States (a)...	6	106,750	39,000	250	1,000	37,750	67,750	13,685	433	120,388	9	15,340

a Includes establishments distributed as follows: Massachusetts, 1; New York, 2; Ohio, 1; Pennsylvania, 1; Wisconsin, 1.

328.—SUGAR AND MOLASSES, BEET. (See "All other industries", at end of table.)

329.—SUGAR AND MOLASSES, REFINING.

1	The United States...	393	24,013,008	14,503,975	2,889,472	3,891,614	7,727,889	9,504,033	5,920,763	7,529	2,815,275	469	424,347
2	Arkansas	3	395	395	10	25	360	.....	47	13	611	2	85
3	California	3	5,509,965	3,904,500	562,800	1,430,000	1,911,700	1,605,465	598,118	751	538,648	28	47,295
4	Illinois	36	800,207	505,575	52,031	203,069	250,475	294,632	39,682	380	171,685	60	58,347
5	Indiana	42	45,998	25,680	6,190	5,850	13,640	20,318	3,988	156	14,721	31	5,542
6	Iowa	14	1,097,685	810,210	50,575	251,735	507,900	287,475	50,101	253	92,698	18	18,560
7	Kansas	22	398,700	342,675	29,475	45,450	267,750	56,025	20,938	313	35,664	12	1,935
8	Louisiana	38	1,943,601	1,236,350	148,250	353,855	734,245	707,251	518,384	2,015	449,857	46	31,754
9	Massachusetts	4	1,862,275	950,475	400,000	300,000	250,475	911,800	3,758,030	245	182,085	41	66,556
10	Michigan	7	13,221	12,851	967	2,892	8,992	370	657	42	2,473	4	304
11	Minnesota	10	58,817	8,430	210	210	8,010	50,387	26,078	53	18,685	15	9,990
12	Mississippi	9	1,067	1,067	117	428	522	.....	.....	39	2,153	4	402
13	Missouri	40	145,582	20,787	1,020	1,175	18,592	124,795	17,967	172	43,890	30	20,014
14	Nebraska	16	196,634	46,039	10,567	21,138	14,334	150,595	7,094	80	17,075	7	2,440
15	New York	14	3,877,973	1,928,450	469,200	538,300	920,950	1,949,523	246,957	657	354,974	47	80,273
16	North Carolina	7	1,047	947	70	232	645	100	168	17	703	4	376
17	Ohio	24	115,030	23,325	1,825	2,170	19,330	92,305	6,728	111	25,659	15	10,843
18	Pennsylvania	10	7,113,245	3,925,769	865,055	540,130	2,520,584	3,187,476	584,892	1,524	753,574	61	57,715
19	South Carolina	6	525	525	35	90	400	.....	73	11	489	1	40
20	Tennessee	3	164,655	106,155	50,025	25,030	31,100	58,500	11,725	32	21,517	4	5,100
21	Texas	51	17,608	16,317	1,187	3,285	11,845	1,291	1,292	155	7,537	11	853
22	Wisconsin	25	19,915	16,365	780	2,345	13,240	550	978	142	4,809	14	712
23	All other states (a)	9	631,263	626,088	239,083	164,205	222,800	5,175	25,660	356	75,768	14	5,211

a Includes establishments distributed as follows: Alabama, 2; Florida, 1; Maine, 2; South Dakota, 1; Vermont, 1; Virginia, 2.

330.—SURGICAL APPLIANCES. (See also Artificial limbs.)

1	The United States...	155	856,396	278,906	34,775	40,725	203,406	577,490	184,749	912	649,318	248	227,964
2	California	13	21,995	7,490	.....	.....	7,490	14,505	5,299	33	22,725	10	9,540
3	Connecticut	4	3,270	2,425	.....	.....	2,425	845	918	11	6,505	4	3,251
4	Illinois	10	97,950	15,800	2,000	1,000	12,800	82,150	40,061	141	103,788	41	39,694
5	Massachusetts	17	51,001	24,026	825	1,800	21,401	27,575	11,001	66	36,591	15	12,668
6	Michigan	3	5,820	250	25	75	150	5,570	1,124	7	4,516	4	3,207
7	Missouri	10	51,141	17,050	2,200	11,000	3,850	34,091	29,992	37	21,126	14	13,650
8	New Hampshire	5	20,150	8,625	125	1,700	6,800	11,525	3,353	24	10,580	6	3,972
9	New Jersey	8	21,075	10,130	300	1,000	8,830	10,945	3,397	51	28,637	7	7,890
10	New York	39	153,512	44,355	9,200	6,150	29,005	109,157	24,551	189	107,878	51	53,602
11	Ohio	11	18,635	5,365	.....	.....	5,365	13,270	30,966	78	34,174	21	11,968
12	Pennsylvania	16	350,457	122,255	14,100	16,000	92,155	228,202	26,917	213	133,921	51	48,613
13	Wisconsin	5	14,075	2,650	.....	.....	2,650	11,425	2,481	15	6,896	6	4,900
14	All other states and territories. (a)	14	46,715	18,485	6,000	2,000	10,485	28,230	4,689	47	31,981	18	15,009

a Includes establishments distributed as follows: District of Columbia, 2; Indiana, 2; Iowa, 2; Kentucky, 2; Maine, 1; Maryland, 2; Minnesota, 1; Tennessee, 1; Virginia, 1.

STATES AND TERRITORIES: 1890—Continued.

326.—STEREOTYPING AND ELECTROTYPING. (See also Type founding.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecoworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
9	$4,627	1,064	$702,459	17	$10,143	56	$11,464	102	$79,011	50	$20,808	.....	.....	$500,744	$2,183,909	1
.....	.....	22	15,915	3	1,924	3	468	12	12,003	12	8,000	.....	.....	9,946	72,876	2
2	550	32	17,469	1	300	.....	.....	2	303	9	1,492	.....	.....	21,168	88,650	3
1	260	215	123,169	1	520	27	5,638	.....	.....	.....	.....	.....	.....	85,765	387,000	4
2	1,040	162	116,994	2	832	.....	.....	.....	.....	28	10,916	.....	.....	60,889	284,826	5
2	1,686	353	248,582	9	6,532	.....	.....	53	34,840	.....	.....	.....	.....	194,761	779,455	6
1	675	56	35,895	.....	.....	3	444	7	7,800	.....	.....	.....	.....	31,187	111,176	7
.....	.....	118	80,859	.....	.....	16	3,481	23	20,428	.....	.....	.....	.....	50,519	265,669	8
1	416	106	63,576	1	35	7	1,433	5	3,640	1	400	.....	.....	46,509	214,257	9

327.—STRAW GOODS, NOT ELSEWHERE SPECIFIED. (See also Hats and caps, not including wool hats.)

.....	.....	41	22,752	104	30,632	2	442	75	15,000	202	36,222	.....	.....	134,945	329,987	1

328.—SUGAR AND MOLASSES, BEET. (See "All other industries", at end of table.)

329.—SUGAR AND MOLASSES, REFINING.

17	5,274	6,660	2,352,446	232	14,410	100	4,286	37	11,860	14	2,652	.....	.....	107,758,811	123,118,259	1
.....	.....	11	526	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	960	2,300	2
.....	.....	722	490,573	1	780	.....	.....	.....	.....	.....	.....	.....	.....	20,822,965	22,673,850	3
2	1,100	306	108,077	7	1,326	.....	.....	11	2,835	.....	.....	.....	.....	2,649,736	3,008,358	4
.....	.....	99	8,440	13	467	13	272	.....	.....	.....	.....	.....	.....	166,204	200,302	5
1	480	231	73,058	.....	.....	3	600	.....	.....	.....	.....	.....	.....	526,566	820,589	6
.....	.....	298	33,599	1	78	2	52	.....	.....	.....	.....	.....	.....	83,709	151,466	7
6	555	1,708	396,845	173	9,667	66	2,500	16	8,536	.....	.....	.....	.....	11,167,852	12,603,913	8
.....	.....	204	115,529	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,842,736	16,875,538	9
.....	.....	34	2,084	4	85	.....	.....	.....	.....	.....	.....	.....	.....	5,873	15,819	10
.....	.....	38	8,695	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	215,673	251,845	11
.....	.....	21	1,217	.....	.....	4	92	7	364	3	78	.....	.....	6,718	11,179	12
.....	.....	135	23,102	7	774	.....	.....	.....	.....	.....	.....	.....	.....	425,162	574,221	13
.....	.....	77	14,552	1	70	1	13	.....	.....	.....	.....	.....	.....	261,626	323,912	14
.....	.....	597	271,503	2	624	.....	.....	.....	.....	11	2,574	.....	.....	15,272,692	17,157,694	15
.....	.....	8	160	1	26	1	16	3	125	.....	.....	.....	.....	2,332	4,750	16
4	1,475	86	12,699	2	42	4	600	.....	.....	.....	.....	.....	.....	553,694	675,024	17
4	1,664	1,459	694,195	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41,836,095	46,599,754	18
.....	.....	10	449	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,065	3,903	19
.....	.....	28	16,417	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	212,540	264,540	20
.....	.....	143	6,672	.....	.....	1	12	.....	.....	.....	.....	.....	.....	23,980	48,395	21
.....	.....	106	3,557	18	431	4	109	.....	.....	.....	.....	.....	.....	9,363	22,188	22
.....	.....	339	70,497	2	40	1	20	.....	.....	.....	.....	.....	.....	671,270	822,719	23

330.—SURGICAL APPLIANCES. (See also Artificial limbs.)

52	20,550	342	219,127	197	59,664	23	3,776	13	6,403	36	11,684	1	$150	524,488	1,650,033	1
3	1,038	13	9,488	5	1,836	.....	.....	1	791	1	32	.....	.....	12,549	47,727	2
.....	.....	3	1,706	.....	.....	1	104	2	1,236	1	208	.....	.....	2,412	11,654	3
8	4,622	67	49,016	18	7,180	.....	.....	.....	.....	7	3,276	.....	.....	138,405	366,300	4
.....	.....	30	17,466	18	5,114	.....	.....	2	1,248	1	95	.....	.....	36,955	118,801	5
.....	.....	2	1,067	.....	.....	.....	.....	.....	.....	1	242	.....	.....	2,753	8,831	6
1	572	11	3,756	11	3,148	.....	.....	.....	.....	.....	.....	.....	.....	23,259	100,600	7
.....	.....	13	5,212	5	1,396	.....	.....	.....	.....	.....	.....	.....	.....	6,566	27,175	8
.....	.....	23	14,102	8	2,670	1	200	3	1,300	9	2,475	.....	.....	19,172	60,980	9
5	3,230	62	30,808	59	15,650	4	588	.....	.....	8	4,000	.....	.....	88,925	299,084	10
32	9,976	15	9,638	4	1,446	3	484	.....	.....	3	662	.....	.....	10,300	109,822	11
2	800	80	61,772	58	18,174	13	2,360	5	1,828	4	434	.....	.....	152,840	394,952	12
.....	.....	7	1,736	2	260	.....	.....	.....	.....	.....	.....	.....	.....	13,348	36,300	13
1	312	16	13,360	9	2,790	1	100	.....	.....	1	260	1	150	17,004	73,807	14

TABLE 5.—SPECIFIED INDUSTRIES, BY

331.—TAR AND TURPENTINE. (See special report on Forest industries in Part III.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks. Males above 16 years.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.	Number.	Wages.
1	The United States...	670	$4,062,375	$2,590,113	$1,670,378	.....	$919,735	$1,472,262	$178,662	15,315	$2,933,491	49	$26,944
2	Georgia	228	2,242,592	1,454,422	903,283	.....	551,139	788,170	108,003	9,911	2,012,396	22	14,210
3	Florida	15	182,992	132,317	102,842	.....	29,475	50,675	5,520	484	93,209	.....	.....
4	Mississippi	24	173,698	116,318	87,050	.....	29,268	57,380	9,754	645	117,626	25	11,184
5	North Carolina	194	785,055	431,471	269,341	.....	162,130	353,584	20,038	1,747	273,688	1	50
6	South Carolina	201	605,873	408,000	270,552	.....	137,448	197,873	32,056	2,243	378,768	.....	.....
7	All other states (a)	8	72,165	47,585	37,310	.....	10,275	24,580	3,291	285	57,744	1	1,500

a Includes establishments distributed as follows: Alabama, 7; Missouri, 1.

332.—TAXIDERMY.

1	The United States...	63	293,112	56,309	22,100	$23,550	10,659	236,803	20,361	155	102,237	65	55,875
2	Maine	4	4,685	685	.....	.....	685	4,000	849	7	2,996	5	2,272
3	Massachusetts	6	12,415	2,200	600	600	1,000	10,215	3,192	15	10,192	7	5,860
4	Minnesota	3	29,025	15,325	10,000	4,000	1,325	13,700	1,608	8	5,360	3	2,740
5	Missouri	3	792	133	.....	.....	133	659	434	5	2,875	3	2,275
6	New York	19	165,113	14,209	2,900	6,350	4,959	150,904	6,399	56	42,549	21	21,555
7	Pennsylvania	10	18,750	12,935	4,600	7,650	685	5,815	1,654	13	5,202	8	3,494
8	All other states and territories. (a)	18	62,332	10,822	4,000	4,950	1,872	51,510	6,225	51	33,063	18	17,679

a Includes establishments distributed as follows: California, 2; Colorado, 2; District of Columbia, 2; Illinois, 2; Michigan, 2; Nebraska, 1; New Jersey, 2; North Dakota, 1; Ohio, 2; Rhode Island, 1; Wisconsin, 1.

333.—TEASELS.

1	The United States (a)...	5	61,400	23,150	4,550	17,200	1,400	38,250	1,088	72	21,584	3	1,040

a The only reports received for this industry were from the state of New York.

334.—THREAD, LINEN. (See "All other industries", at end of table.)

335.—TIMBER PRODUCTS, NOT MANUFACTURED AT MILL. (See special report on Forest industries in Part III.)

1	The United States...	1,006	61,541,086	37,823,089	30,894,979	.....	6,928,110	23,717,997	5,187,790	46,142	11,353,608	907	514,559
2	Alabama	35	234,938	137,658	91,075	.....	46,583	97,280	38,582	614	124,866	21	12,924
3	Arkansas	16	109,777	68,878	47,850	.....	21,028	40,899	12,680	276	56,166	10	4,846
4	California	37	350,599	284,295	211,720	.....	72,575	66,304	45,808	392	158,691	23	9,806
5	Colorado	11	102,905	37,365	28,450	.....	8,915	65,540	18,830	313	106,055	6	4,380
6	Connecticut	19	81,930	48,515	28,810	.....	19,705	33,415	12,116	136	43,470	5	2,450
7	Florida	13	39,807	14,095	6,270	.....	7,825	25,772	9,133	341	48,597	2	650
8	Georgia	15	135,067	123,035	89,625	.....	33,410	12,032	25,479	348	115,001	5	2,665
9	Idaho	3	42,250	16,050	.....	.....	16,050	26,200	8,720	34	20,350	1	1,800
10	Illinois	6	38,650	32,130	16,000	.....	16,130	6,520	8,160	58	11,340	3	1,000
11	Indiana	30	148,897	78,423	45,316	.....	33,107	70,474	12,862	547	168,367	11	4,905
12	Iowa	6	42,510	17,725	4,300	.....	13,425	24,785	5,893	105	195,480	3	1,400
13	Kentucky	4	16,400	7,900	2,700	.....	5,200	8,500	1,525	81	17,415	5	1,460
14	Louisiana	5	127,715	78,415	65,500	.....	12,915	49,300	14,712	414	81,574	6	3,150
15	Maine	63	1,094,868	476,577	322,602	.....	153,975	618,291	76,167	3,167	422,690	33	13,766
16	Maryland	5	10,100	7,730	5,360	.....	2,370	2,370	682	23	2,901	5	780
17	Massachusetts	24	133,827	78,855	60,000	.....	18,855	54,972	8,437	161	35,059	8	3,762
18	Michigan	206	18,479,744	11,235,852	9,209,983	.....	2,025,869	7,240,892	1,490,160	10,292	2,722,172	133	105,872
19	Minnesota	75	11,121,863	9,213,865	8,396,805	.....	817,060	1,907,998	620,578	5,991	1,261,453	99	68,291
20	Mississippi	28	65,559	24,479	15,788	.....	8,691	41,080	10,949	317	45,863	14	5,654
21	Missouri	82	587,307	455,605	181,517	.....	274,088	131,702	26,169	1,514	576,785	28	9,890
22	New Hampshire	39	1,369,787	1,128,952	782,405	.....	346,547	240,835	83,975	1,975	284,917	8	1,629
23	New Jersey	4	10,978	9,956	5,900	.....	4,056	1,022	158	22	5,276	1	500
24	New York	70	696,291	241,734	137,868	.....	103,866	454,557	47,723	1,391	362,008	27	10,069
25	North Carolina	25	57,218	37,587	17,290	.....	20,297	19,631	18,287	273	49,083	8	2,730
26	Ohio	34	71,043	39,773	25,663	.....	11,110	34,270	9,956	198	44,036	9	3,558
27	Oregon	50	560,165	400,470	229,945	.....	170,825	159,995	65,815	757	224,798	19	8,785
28	Pennsylvania	95	1,584,520	1,078,317	861,240	.....	217,077	506,203	78,366	1,890	544,462	36	14,744
29	Rhode Island	3	9,235	7,415	4,300	.....	3,115	1,820	3,022	17	6,950	.....	.....
30	South Carolina	24	120,940	42,370	27,720	.....	14,650	78,570	25,157	349	59,627	7	1,780

STATES AND TERRITORIES: 1890—Continued.

331.—TAR AND TURPENTINE. (See special report on Forest industries in Part III.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	14,488	$2,818,631	16	$925	1	$50	543	$72,761	125	$9,419	93	$4,761	$2,874,693	$8,077,379	1
.....	.....	9,563	1,955,577	.....	.....	.....	.....	270	37,924	40	3,985	16	700	1,001,686	4,242,255	2
.....	.....	477	92,673	.....	.....	.....	.....	6	500	1	96	.....	.....	45,865	191,859	3
.....	.....	429	88,465	.....	.....	.....	.....	86	11,184	51	3,485	54	3,308	102,902	282,066	4
.....	.....	1,644	263,072	13	675	1	50	55	7,948	18	1,290	15	603	1,018,302	1,705,833	5
.....	.....	2,113	366,375	3	250	.....	.....	104	11,430	15	563	8	150	677,383	1,524,100	6
.....	.....	262	52,469	.....	.....	.....	.....	22	3,775	.....	.....	.....	.....	28,555	131,266	7

332.—TAXIDERMY.

.....	.....	75	43,002	6	1,536	4	689	4	910	1	225	.....	.....	37,727	231,773	1
.....	.....	2	724	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	878	5,815	2
.....	.....	6	3,932	.....	.....	1	175	.....	.....	1	225	.....	.....	1,502	18,444	3
.....	.....	5	2,020	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	806	11,290	4
.....	.....	2	600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	590	4,914	5
.....	.....	33	20,808	.....	.....	1	156	1	30	.....	.....	.....	.....	15,220	96,720	6
.....	.....	5	1,708	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,810	13,710	7
.....	.....	22	12,610	6	1,536	2	358	3	880	.....	.....	.....	.....	14,921	80,880	8

333.—TEASELS.

.....	.....	42	13,337	10	3,120	3	936	14	3,151	.....	.....	.....	.....	50,362	84,700	1

334.—THREAD, LINEN. (See "All other industries", at end of table.)

335.—TIMBER PRODUCTS, NOT MANUFACTURED AT MILL. (See special report on Forest industries in Part III.)

.....	.....	35,319	8,298,903	201	34,905	11	2,191	9,678	2,498,638	19	3,108	7	1,304	11,006,678	34,289,807	1
.....	.....	478	89,127	1	25	.....	.....	114	22,790	.....	.....	.....	.....	69,899	371,975	2
.....	.....	244	47,470	.....	.....	.....	.....	22	3,850	.....	.....	.....	.....	15,199	143,035	3
.....	.....	315	131,938	8	1,591	.....	.....	46	15,362	.....	.....	.....	.....	65,222	340,691	4
.....	.....	306	100,875	1	300	.....	.....	.....	.....	.....	.....	.....	.....	37,365	191,559	5
.....	.....	86	30,920	1	150	.....	.....	44	9,950	.....	.....	.....	.....	23,809	116,808	6
.....	.....	194	31,216	3	351	.....	.....	142	16,380	.....	.....	.....	.....	11,694	90,572	7
.....	.....	125	36,761	.....	.....	.....	.....	218	75,575	.....	.....	.....	.....	41,222	239,100	8
.....	.....	33	18,550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57,925	201,800	9
.....	.....	52	10,040	.....	.....	.....	.....	3	300	.....	.....	.....	.....	13,706	44,215	10
.....	.....	353	115,522	.....	.....	.....	.....	183	47,940	.....	.....	.....	.....	59,525	313,730	11
.....	.....	45	12,805	.....	.....	.....	.....	57	181,275	.....	.....	.....	.....	14,455	227,237	12
.....	.....	64	15,355	.....	.....	.....	.....	12	600	.....	.....	.....	.....	4,570	35,346	13
.....	.....	47	6,944	.....	.....	.....	.....	361	71,480	.....	.....	.....	.....	16,035	145,450	14
.....	.....	2,730	360,187	2	60	.....	.....	402	48,677	.....	.....	.....	.....	278,028	942,216	15
.....	.....	12	1,093	.....	.....	.....	.....	3	364	2	260	1	104	684	5,190	16
.....	.....	105	22,511	.....	.....	.....	.....	48	8,786	.....	.....	.....	.....	36,185	101,609	17
.....	.....	6,797	1,926,881	25	4,088	3	260	3,316	680,673	12	2,578	6	1,200	3,812,831	9,637,063	18
.....	.....	5,789	1,176,872	.....	.....	.....	.....	103	16,290	.....	.....	.....	.....	1,499,538	4,062,122	19
.....	.....	161	25,636	.....	.....	.....	.....	142	14,573	.....	.....	.....	.....	15,268	99,613	20
.....	.....	675	153,322	2	88	1	20	808	413,465	.....	.....	.....	.....	116,135	872,081	21
.....	.....	778	216,406	.....	.....	.....	.....	289	66,882	.....	.....	.....	.....	135,635	624,383	22
.....	.....	12	4,296	.....	.....	.....	.....	9	480	.....	.....	.....	.....	3,450	10,242	23
.....	.....	865	206,936	7	1,348	.....	.....	492	143,655	.....	.....	.....	.....	148,847	702,736	24
.....	.....	200	35,694	3	137	.....	.....	62	10,522	.....	.....	.....	.....	31,777	131,055	25
.....	.....	138	29,923	.....	.....	.....	.....	51	10,555	.....	.....	.....	.....	28,335	118,113	26
.....	.....	634	185,813	24	5,160	.....	.....	80	23,040	.....	.....	.....	.....	82,237	535,842	27
.....	.....	698	185,488	11	1,242	1	106	1,142	342,682	2	200	.....	.....	284,635	1,315,136	28
.....	.....	17	6,950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,930	20,135	29
.....	.....	191	21,287	.....	.....	.....	.....	151	36,560	.....	.....	.....	.....	21,507	164,167	30

TABLE 5.—SPECIFIED INDUSTRIES, BY

335.—TIMBER PRODUCTS, NOT MANUFACTURED AT MILL—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
31	Tennessee	33	$72,900	$45,194	$27,694	.....	$17,500	$27,706	$13,741	277	$45,325	11	$2,170
32	Texas	30	500,844	310,811	171,065	.....	139,746	190,033	55,327	999	369,707	26	17,882
33	Vermont	43	174,379	104,645	83,110	.....	21,535	69,734	12,633	311	39,699	10	2,690
34	Virginia	25	62,925	42,305	25,110	.....	17,195	20,620	8,666	368	41,613	11	3,265
35	Washington	152	1,954,878	1,290,989	657,695	.....	633,294	663,889	284,073	2,432	1,108,376	96	64,938
36	West Virginia	26	545,042	396,412	352,550	.....	43,862	148,630	40,371	478	89,059	21	7,520
37	Wisconsin	266	20,772,278	10,200,882	8,656,053	.....	1,544,829	10,571,396	1,990,358	10,123	1,852,757	194	111,154
38	All other states and territories. (*a*)	4	15,890	10,830	.....	.....	10,830	5,060	2,811	58	11,920	2	1,200

a Includes establishments distributed as follows: Delaware, 1; Montana, 1; Utah, 2.

336.—TINFOIL. (See "All other industries", at end of table.)

337.—TINSMITHING, COPPERSMITHING, AND SHEET-IRON WORKING. (See also Roofing and roofing materials; Stamped ware.)

1	The United States	7,002	38,434,900	17,223,734	4,597,401	$5,561,681	7,064,652	21,211,166	3,029,860	38,442	21,036,375	6,931	5,366,780
2	Alabama	25	133,600	36,700	10,500	10,500	15,700	96,900	10,825	138	83,140	21	17,917
3	Arizona	3	22,720	4,200	150	1,500	2,550	18,520	2,247	16	11,738	.....	.....
4	Arkansas	18	45,786	20,675	3,950	6,800	9,925	25,111	3,117	61	42,254	22	17,871
5	California	167	1,822,084	629,565	130,385	106,325	398,855	1,192,519	148,658	1,110	699,074	172	154,694
6	Colorado	38	212,607	48,030	1,100	1,700	45,230	164,577	29,968	200	167,975	52	60,509
7	Connecticut	96	606,341	265,362	49,325	60,800	155,237	340,979	50,267	612	325,028	87	66,171
8	Delaware	17	100,055	53,525	12,500	31,000	10,025	46,530	6,603	88	50,275	19	13,563
9	District of Columbia	72	432,406	163,580	89,950	35,350	38,280	268,826	29,604	424	259,120	91	77,511
10	Florida	5	5,905	2,230	200	500	1,530	3,675	805	12	4,968	2	920
11	Georgia	37	282,770	213,695	69,200	78,500	65,995	69,075	15,538	368	178,370	50	41,324
12	Idaho	4	23,885	13,075	2,100	6,900	4,075	10,810	671	27	15,392	4	3,172
13	Illinois	600	3,829,207	1,732,495	425,460	462,740	844,295	2,096,712	284,723	3,589	2,010,079	571	476,924
14	Indiana	247	839,912	379,382	122,960	141,255	115,167	460,530	51,252	936	433,290	201	123,222
15	Iowa	222	624,417	290,506	67,475	118,775	104,256	333,911	51,135	632	342,788	154	100,000
16	Kansas	162	450,418	270,150	97,395	105,845	66,910	180,268	27,880	336	178,556	107	59,774
17	Kentucky	93	448,157	201,468	58,400	56,778	86,290	246,689	31,170	533	266,533	118	85,210
18	Louisiana	80	286,814	103,158	20,450	28,100	54,608	183,656	26,331	455	261,382	103	90,402
19	Maine	103	352,999	116,480	17,110	51,025	48,345	236,519	24,541	314	169,766	92	56,690
20	Maryland	226	2,483,033	1,023,574	205,600	313,254	504,720	1,459,459	140,007	3,580	1,405,539	304	218,099
21	Massachusetts	406	2,127,417	803,987	174,975	216,195	412,817	1,323,430	227,086	2,397	1,472,830	439	356,936
22	Michigan	271	729,468	355,450	84,685	101,520	169,245	374,018	77,427	872	438,694	266	122,338
23	Minnesota	218	1,301,292	650,993	259,045	226,955	164,993	650,299	80,709	960	537,706	217	157,009
24	Mississippi	18	88,103	45,928	15,120	17,900	12,908	42,175	3,828	98	54,624	14	10,370
25	Missouri	323	1,591,819	658,233	184,405	188,900	284,928	933,586	160,546	1,648	909,526	318	258,165
26	Montana	9	50,250	22,500	6,600	5,900	10,000	27,750	3,900	31	28,544	2	1,120
27	Nebraska	103	284,380	136,920	54,000	37,425	45,495	147,460	25,231	315	187,416	82	63,049
28	Nevada	4	10,700	5,200	1,500	1,500	2,200	5,500	605	7	3,925	2	1,625
29	New Hampshire	56	235,927	110,136	42,001	40,810	27,325	125,791	13,875	161	88,109	49	28,071
30	New Jersey	98	653,959	362,250	119,025	161,425	81,800	291,709	33,843	546	336,089	91	85,419
31	New York	1,155	7,483,547	3,464,194	811,230	1,087,664	1,565,300	4,019,353	695,659	7,945	4,715,978	1,328	1,183,578
32	North Carolina	25	55,982	32,117	6,367	12,700	13,050	23,865	4,316	88	33,545	22	10,943
33	North Dakota	10	50,350	14,350	1,200	4,000	9,150	36,000	5,939	32	20,662	9	5,902
34	Ohio	518	2,290,266	1,105,324	295,200	405,543	404,581	1,184,942	177,516	2,505	1,252,231	502	351,060
35	Oregon	26	277,240	61,950	18,450	28,500	15,000	215,290	28,489	98	86,918	34	35,006
36	Pennsylvania	835	4,679,432	2,170,325	669,633	821,412	679,280	2,509,107	300,863	3,915	2,230,014	808	574,437
37	Rhode Island	64	346,330	121,446	30,350	24,400	66,696	224,884	33,937	390	249,357	63	55,484
38	South Carolina	29	112,725	71,055	23,120	31,950	15,985	41,670	8,032	102	49,228	30	16,667
39	South Dakota	11	40,691	28,805	6,895	18,810	3,100	11,886	1,481	17	8,957	1	180
40	Tennessee	54	225,862	83,074	24,335	10,955	41,584	142,788	25,234	350	189,337	76	55,577
41	Texas	102	401,231	221,655	66,015	80,880	74,760	179,576	35,553	326	214,673	69	48,806
42	Utah	9	91,905	57,950	40,000	10,300	7,650	33,955	5,257	70	57,402	19	26,750
43	Vermont	69	195,891	84,800	16,985	33,650	34,165	111,091	12,438	180	83,512	49	24,480
44	Virginia	73	264,006	103,378	42,525	33,075	27,778	160,628	23,162	351	166,488	85	52,794
45	Washington	29	158,430	65,880	22,500	21,975	21,405	92,550	12,895	133	112,567	22	21,559
46	West Virginia	27	144,230	74,940	27,650	34,650	12,640	69,290	6,868	107	59,759	35	26,638
47	Wisconsin	237	1,522,251	730,734	165,180	279,640	285,924	791,507	89,218	1,348	536,269	185	133,070
48	Wyoming	4	7,575	4,550	1,600	2,500	1,050	3,025	485	4	2,692	2	1,092
49	All other territories (*a*)	4	10,525	7,750	3,000	2,900	1,850	2,775	126	6	4,056	2	676

a Includes establishments distributed as follows: New Mexico, 2; Oklahoma, 2.

STATES AND TERRITORIES: 1890—Continued.

335.—TIMBER PRODUCTS, NOT MANUFACTURED AT MILL.—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecoworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	120	$18,470	.....	.....	.....	.....	146	$24,685	.....	.....	.....	.....	$26,624	$131,691	31
.....	.....	730	269,426	4	$860	.....	.....	239	81,539	.....	.....	.....	.....	98,802	614,309	32
.....	.....	162	19,972	.....	.....	.....	.....	136	16,967	3	$70	.....	.....	31,062	114,857	33
.....	.....	178	28,724	1	180	.....	.....	178	9,444	.....	.....	.....	.....	20,516	88,775	34
.....	.....	2,161	990,902	43	11,462	5	$1,710	127	39,364	.....	.....	.....	.....	400,893	2,382,674	35
.....	.....	385	78,639	.....	.....	.....	.....	72	2,900	.....	.....	.....	.....	54,786	275,725	36
.....	.....	9,422	1,678,352	65	7,263	1	75	441	55,913	.....	.....	.....	.....	3,436,847	8,850,705	37
.....	.....	17	7,600	.....	.....	.....	.....	39	3,120	.....	.....	.....	.....	7,560	27,250	38

336.—TINFOIL. (See "All other industries", at end of table.)

337.—TINSMITHING, COPPERSMITHING, AND SHEET-IRON WORKING. (See also Roofing and roofing materials; Stamped ware.)

134	$59,330	27,225	14,364,601	1,043	230,760	948	152,504	1,856	785,505	242	62,978	63	$13,917	31,217,522	66,653,746	1
.....	.....	116	65,127	.....	.....	1	96	.....	.....	.....	.....	.....	.....	156,685	309,650	2
.....	.....	16	11,738	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,740	41,250	3
.....	.....	39	24,383	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52,453	104,807	4
4	1,942	751	496,484	32	9,805	122	21,369	29	14,780	.....	.....	.....	.....	1,493,343	2,627,832	5
.....	.....	138	103,510	7	3,040	2	416	1	500	.....	.....	.....	.....	220,377	496,998	6
.....	.....	408	227,872	35	10,112	25	2,834	38	13,648	8	2,249	11	2,142	501,017	992,326	7
.....	.....	64	35,900	.....	.....	5	812	.....	.....	.....	.....	.....	.....	39,843	108,500	8
1	167	329	180,958	1	208	2	276	.....	.....	.....	.....	.....	.....	311,602	700,410	9
.....	.....	10	4,042	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,452	11,600	10
.....	.....	314	136,505	.....	.....	3	416	1	125	.....	.....	.....	.....	233,572	528,814	11
.....	.....	23	12,220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,091	45,984	12
19	9,862	2,671	1,406,391	184	49,584	32	5,636	112	61,682	.....	.....	.....	.....	3,242,973	6,827,538	13
6	2,226	573	281,764	5	1,050	92	10,319	59	14,709	.....	.....	.....	.....	671,534	1,431,396	14
4	1,124	459	238,389	2	700	4	400	9	2,175	.....	.....	.....	.....	491,279	1,035,071	15
.....	.....	219	116,627	1	175	2	150	7	1,830	.....	.....	.....	.....	229,567	537,209	16
3	1,540	368	168,964	19	2,960	7	1,014	18	6,845	.....	.....	.....	.....	376,138	838,324	17
.....	.....	275	133,774	3	442	5	832	69	35,932	.....	.....	.....	.....	246,579	641,404	18
1	312	218	111,864	.....	.....	.....	.....	2	750	1	150	.....	.....	198,209	482,017	19
5	1,830	2,164	842,374	240	34,440	143	29,252	591	236,252	107	32,372	35	10,020	3,246,489	5,538,301	20
18	7,826	1,780	1,035,943	45	11,674	9	1,000	104	59,041	2	416	.....	.....	1,530,176	3,884,772	21
2	598	633	308,880	1	416	16	2,676	7	3,286	3	300	4	200	621,313	1,348,557	22
4	1,800	707	372,441	.....	.....	28	4,071	4	2,385	.....	.....	.....	.....	935,955	1,847,017	23
.....	.....	72	41,502	.....	.....	11	2,572	1	180	.....	.....	.....	.....	83,119	162,385	24
3	1,420	1,168	610,704	15	3,500	95	15,870	49	19,867	.....	.....	.....	.....	1,454,096	3,142,666	25
.....	.....	29	27,424	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53,240	100,900	26
1	300	211	112,595	3	780	2	316	16	10,376	.....	.....	.....	.....	215,546	540,800	27
.....	.....	4	1,550	.....	.....	.....	.....	1	750	.....	.....	.....	.....	2,708	7,795	28
.....	.....	112	60,038	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	126,174	266,599	29
.....	.....	390	238,282	3	650	5	1,038	17	8,760	40	2,000	.....	.....	436,512	1,031,508	30
29	14,354	5,878	3,294,607	156	46,417	109	16,210	408	151,069	24	9,088	13	655	6,240,012	14,245,039	31
.....	.....	65	22,302	1	300	.....	.....	.....	.....	.....	.....	.....	.....	61,826	127,021	32
.....	.....	23	14,760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31,086	72,700	33
9	3,963	1,577	775,057	152	32,632	72	12,195	159	70,532	34	6,792	.....	.....	1,822,085	3,880,752	34
2	1,300	66	49,640	1	900	.....	.....	1	72	.....	.....	.....	.....	248,295	447,092	35
17	5,768	2,880	1,576,177	49	9,997	58	9,469	102	53,698	1	468	.....	.....	2,900,615	6,580,224	36
.....	.....	315	188,178	2	550	2	256	8	4,889	.....	.....	.....	.....	314,885	683,750	37
.....	.....	70	32,401	.....	.....	1	60	1	100	.....	.....	.....	.....	57,684	137,010	38
.....	.....	16	8,777	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,619	28,846	39
2	500	250	130,110	.....	.....	16	2,050	6	1,100	.....	.....	.....	.....	266,374	595,258	40
.....	.....	256	165,672	.....	.....	.....	.....	1	195	.....	.....	.....	.....	313,364	717,861	41
1	1,040	44	34,580	.....	.....	6	1,032	.....	.....	.....	.....	.....	.....	76,633	164,089	42
.....	.....	116	56,509	1	250	1	75	3	1,848	10	350	.....	.....	114,081	254,821	43
.....	.....	238	107,233	.....	.....	20	3,772	8	2,689	.....	.....	.....	.....	192,112	490,911	44
.....	.....	111	91,008	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	102,832	283,860	45
.....	.....	67	32,085	.....	.....	5	1,036	.....	.....	.....	.....	.....	.....	68,024	133,854	46
3	1,464	992	372,280	85	10,178	47	4,984	24	5,500	12	8,793	.....	.....	1,178,849	2,128,389	47
.....	.....	2	1,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,240	6,300	48
.....	.....	4	3,380	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,124	13,539	49

TABLE 5.—SPECIFIED INDUSTRIES, BY

338.—TOBACCO, CHEWING, SMOKING, AND SNUFF.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years	
									Average number.	Total wages.	Number.	Wages.
1	The United States	395	$30,841,316	$7,526,380	$1,463,852	$3,204,161	$2,858,367	$23,314,936	$19,463,749	31,267	$8,568,071	1,452	$1,611,541
2	California	3	19,410	3,200			3,200	16,210	10,514	30	14,696	4	4,660
3	Georgia	6	13,507	4,200	200	1,600	2,400	9,307	3,302	43	3,200	3	990
4	Illinois	15	941,620	161,005	32,405	26,520	102,080	780,615	727,485	648	274,700	55	73,058
5	Kentucky	38	2,687,471	632,536	107,103	224,600	300,833	2,054,935	2,320,144	2,627	808,482	135	143,970
6	Louisiana	5	115,238	24,650	3,500	5,500	15,650	90,588	32,871	171	58,451	16	11,845
7	Maryland	6	2,203,619	853,548	132,244	589,875	131,429	1,350,071	928,023	1,221	374,101	43	38,966
8	Michigan	5	1,586,460	307,947	45,000	120,250	142,697	1,278,513	1,300,858	1,352	408,425	62	89,472
9	Minnesota	4	41,100	10,600			10,600	30,500	11,286	23	10,754	13	5,304
10	Missouri	26	4,533,925	954,487	187,500	437,957	329,030	3,579,438	4,456,079	3,384	1,518,683	262	398,527
11	New Jersey	4	311,113	113,614	32,000	62,223	19,421	197,469	134,322	151	65,281	26	18,591
12	New York	30	2,671,274	800,596	269,050	299,050	232,496	1,870,678	1,606,457	1,650	720,545	118	146,186
13	North Carolina	90	3,370,267	764,985	141,085	325,500	298,400	2,605,282	1,411,623	6,165	960,707	162	117,102
14	Ohio	20	2,105,848	527,620	121,500	191,349	214,771	1,578,228	1,936,909	1,940	646,490	70	97,380
15	Pennsylvania	11	1,347,228	559,420	176,800	282,708	99,921	787,799	372,956	330	155,240	46	50,623
16	Tennessee	24	358,932	101,900	28,165	47,185	26,550	257,032	152,849	567	97,424	36	19,658
17	Virginia	93	6,840,276	1,522,926	100,250	552,144	810,532	5,317,350	3,337,634	10,085	2,142,385	315	300,984
18	Wisconsin	4	683,774	65,486			65,486	618,288	523,567	264	125,969	18	30,425
19	All other states and territories. (a)	11	1,010,254	117,621	27,050	37,700	52,871	892,633	786,970	616	182,538	74	62,900

a Includes establishments distributed as follows: Alabama, 1; Arizona, 1; Delaware, 1; Indiana, 1; Iowa, 1; Kansas, 1; Massachusetts, 2; Texas, 1; West Virginia, 2.

339.—TOBACCO, CIGARS AND CIGARETTES.

1	The United States	10,956	50,517,827	16,193,759	3,323,453	4,077,498	2,792,810	49,324,068	17,673,063	98,156	44,767,989	16,903	8,182,002
2	Alabama	21	67,995	19,605	3,200	15,200	1,205	48,300	20,234	158	74,657	14	8,912
3	Arkansas	8	20,599	530			530	20,069	5,619	37	16,742	9	6,136
4	California	231	1,873,307	113,198	27,785	11,565	73,848	1,760,109	447,392	2,847	1,279,421	381	293,653
5	Colorado	43	267,566	23,230	5,900	9,200	8,130	244,336	58,920	329	245,565	51	56,071
6	Connecticut	159	578,859	95,723	28,165	41,850	25,708	483,136	126,704	829	451,608	127	93,317
7	Delaware	23	41,087	18,945	8,650	8,300	1,995	22,142	14,256	88	40,314	19	11,070
8	District of Columbia	70	114,782	40,990	24,900	8,800	7,290	73,792	30,046	159	83,279	71	42,457
9	Florida	86	1,686,396	215,841	67,385	113,595	34,861	1,470,755	603,883	5,352	3,457,610	78	80,944
10	Georgia	17	45,336	2,860	600	500	1,760	42,476	12,038	78	40,745	9	5,968
11	Illinois	715	3,209,601	675,011	275,765	286,365	112,881	2,534,590	770,271	4,827	2,405,563	721	529,536
12	Indiana	346	732,740	176,357	67,857	69,630	38,870	556,383	248,310	1,595	683,183	301	172,099
13	Iowa	201	986,271	134,537	37,639	56,640	40,258	851,734	213,312	1,320	602,482	220	158,333
14	Kansas	110	301,777	67,000	27,150	24,000	15,850	234,777	73,874	434	190,885	87	51,160
15	Kentucky	144	528,297	105,568	40,740	43,620	21,208	422,729	138,541	853	375,259	158	94,100
16	Louisiana	78	379,496	60,556	9,200	11,300	40,056	318,940	263,964	1,945	753,829	95	72,049
17	Maine	25	86,330	8,992	3,132	2,225	3,635	71,338	17,620	116	57,075	21	12,084
18	Maryland	385	1,396,602	262,574	106,462	115,122	60,990	1,114,028	363,944	2,227	920,535	376	225,250
19	Massachusetts	338	1,786,599	136,941	26,502	38,825	65,614	1,655,658	437,851	2,835	1,467,485	336	260,927
20	Michigan	373	1,516,952	254,233	91,135	78,480	84,618	1,262,719	414,876	2,830	1,300,350	403	267,407
21	Minnesota	157	755,076	141,562	89,150	29,635	22,777	613,514	174,003	1,056	566,635	181	140,723
22	Missouri	404	1,060,739	198,656	67,020	96,984	34,652	862,083	275,219	1,720	859,403	413	270,461
23	Montana	6	16,639	4,600	2,000	2,000	600	12,039	3,568	15	8,010	4	2,194
24	Nebraska	84	261,016	58,819	22,435	24,100	12,284	202,797	71,485	438	213,330	70	50,290
25	New Hampshire	23	85,245	4,138	350	1,475	2,313	81,107	20,312	160	81,163	24	17,138
26	New Jersey	444	1,055,558	459,902	183,170	230,425	46,307	595,650	233,327	1,433	704,272	369	227,838
27	New York	2,858	23,436,083	3,451,773	1,120,729	1,170,351	1,160,693	19,984,310	5,963,186	32,111	16,183,372	3,246	2,979,692
28	North Carolina	17	1,073,390	183,440	20,400	127,250	35,790	889,950	494,714	928	268,654	28	20,680
29	North Dakota	14	44,543	8,355	1,650	3,900	2,805	36,188	11,810	68	41,104	15	11,186
30	Ohio	937	2,729,275	571,595	188,545	223,409	159,641	2,157,680	1,131,702	6,575	2,517,143	876	537,651
31	Oregon	12	56,045	8,880	1,000	5,400	2,480	47,165	12,071	56	31,783	12	10,088
32	Pennsylvania	1,967	9,471,276	2,094,513	594,761	1,015,145	484,607	7,376,763	3,362,955	18,969	6,482,202	1,542	969,266
33	Rhode Island	31	119,289	18,221	3,200	6,950	8,071	101,068	31,927	205	89,873	25	18,062
34	South Carolina	7	9,630	1,030			1,030	8,600	5,956	28	12,909	6	2,853
35	South Dakota	12	27,600	2,160	200	1,000	960	25,440	7,673	59	23,865	12	6,129
36	Tennessee	25	90,953	10,595	2,900	3,600	4,095	80,358	33,283	163	90,206	24	17,643
37	Texas	25	126,346	21,988	1,575	13,500	6,913	104,358	29,976	169	96,384	20	16,649
38	Utah	6	62,833	1,864			1,864	60,969	11,807	59	44,837	2	1,616
39	Vermont	14	62,298	2,385	180	500	1,705	59,913	11,751	78	49,620	14	12,320
40	Virginia	102	1,869,416	153,557	21,950	30,400	101,207	1,655,859	1,048,290	2,428	785,187	169	180,350
41	Washington	20	56,990	4,052	610	950	2,492	52,938	20,535	91	63,941	13	9,333
42	West Virginia	55	172,889	71,853	26,225	37,800	7,828	101,036	142,920	507	228,837	44	30,432
43	Wisconsin	355	1,301,850	286,640	121,736	113,505	51,399	1,015,216	308,868	1,967	868,872	316	207,155
44	All other states and territories. (a)	8	17,650	6,600	1,500	4,000	1,100	11,050	3,552	14	9,611	1	780

a Includes establishments distributed as follows: Arizona, 1; Oklahoma, 1; Wyoming, 6.

STATES AND TERRITORIES: 1890—Continued.

338.—TOBACCO, CHEWING, SMOKING, AND SNUFF.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
25	$9,372	11,274	$3,630,623	6,550	$1,265,960	2,735	$225,897	3,668	$952,199	4,014	$774,640	1,549	$97,839	$29,192,249	$65,843,587	1
.....	.....	13	5,526	7	2,950	.....	.....	.....	.....	6	1,560	.....	.....	61,352	90,905	2
.....	.....	12	1,317	15	490	10	353	3	50	.....	.....	.....	.....	4,363	13,938	3
1	300	156	92,280	366	104,724	36	2,190	.....	.....	4	1,248	.....	.....	727,314	2,027,153	4
13	4,606	1,189	389,411	193	35,065	228	18,969	583	156,871	221	54,784	65	4,806	2,847,081	6,788,586	5
.....	.....	86	37,322	21	2,400	5	944	23	3,190	20	2,750	.....	.....	128,728	282,080	6
.....	.....	248	110,166	824	213,617	106	11,352	.....	.....	.....	.....	.....	.....	1,534,205	3,216,247	7
.....	.....	468	175,188	248	49,820	27	2,790	40	5,099	507	86,056	.....	.....	2,383,032	4,742,412	8
.....	.....	19	5,450	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,948	54,085	9
5	2,546	1,260	579,710	1,017	322,196	106	4,726	200	78,033	490	129,861	44	3,081	8,030,780	15,428,764	10
.....	.....	44	21,190	6	1,336	.....	.....	40	15,882	28	6,332	13	1,950	111,095	348,814	11
1	350	611	284,244	157	41,022	103	17,568	106	52,705	554	178,470	.....	.....	1,610,642	4,431,373	12
1	500	2,208	451,813	1,198	126,375	1,092	72,647	398	101,550	307	40,721	799	49,999	1,867,400	4,783,484	13
.....	.....	757	283,325	466	94,211	29	3,376	277	110,274	341	57,924	.....	.....	2,925,371	5,991,177	14
2	400	110	48,067	29	7,670	.....	.....	.....	.....	143	48,474	.....	.....	507,282	1,355,121	15
.....	.....	157	34,727	115	14,918	79	4,908	88	20,518	32	1,561	60	1,134	212,268	577,690	16
1	250	3,690	970,968	1,740	229,370	898	84,079	1,852	400,007	1,024	120,858	556	35,869	4,825,432	11,804,813	17
1	420	168	79,474	33	6,290	12	1,560	.....	.....	32	7,800	.....	.....	353,896	1,212,668	18
.....	.....	78	60,445	85	13,500	4	432	58	8,020	305	36,241	12	1,000	1,039,060	2,694,277	19

339.—TOBACCO, CIGARS AND CIGARETTES.

253	110,927	20,515	9,585,024	6,527	2,327,476	2,200	283,342	38,937	19,281,741	15,687	4,847,280	1,134	150,188	50,298,960	129,693,275	1
1	600	13	7,454	1	350	11	1,231	116	55,755	1	265	1	90	81,248	211,632	2
.....	.....	10	3,899	.....	.....	8	778	10	5,929	.....	.....	.....	.....	17,810	46,313	3
3	2,140	167	76,188	89	26,481	30	5,240	2,098	846,888	77	28,305	2	520	1,015,692	3,140,248	4
2	900	107	115,832	21	9,246	7	1,650	75	58,238	6	3,628	.....	.....	203,243	575,161	5
.....	.....	186	90,386	67	18,970	7	1,038	387	230,446	54	17,341	1	200	421,184	1,110,078	6
.....	.....	6	1,762	4	751	4	598	40	19,827	13	5,806	2	500	23,736	83,013	7
1	273	48	22,200	.....	.....	.....	.....	38	18,289	.....	.....	1	60	75,878	211,767	8
1	500	1,835	1,210,134	527	184,689	6	1,397	2,367	1,794,277	482	177,842	56	7,827	3,237,961	8,123,220	9
1	900	36	17,842	1	172	7	752	18	13,311	6	1,800	.....	.....	42,502	110,149	10
9	3,668	1,031	504,014	275	73,186	170	24,005	2,160	1,141,715	424	125,063	37	4,376	2,894,526	6,942,185	11
3	1,585	265	93,796	40	7,884	62	8,826	677	342,977	217	52,225	30	3,791	671,665	1,835,712	12
7	3,100	407	189,977	90	23,490	86	13,278	338	170,266	164	42,837	8	1,201	592,534	1,704,570	13
1	300	143	53,926	30	7,136	11	1,210	142	73,893	15	2,780	5	480	199,387	534,117	14
1	400	82	28,008	3	450	56	6,940	452	220,683	75	21,234	26	3,444	384,339	1,058,039	15
5	2,657	269	102,447	276	71,296	5	1,120	638	279,239	657	225,121	.....	.....	510,022	1,569,745	16
.....	.....	31	15,142	15	3,743	1	200	48	25,906	.....	.....	.....	.....	58,953	162,023	17
3	1,300	464	180,545	63	12,811	63	7,979	1,058	459,767	177	32,758	3	125	1,048,483	2,858,344	18
16	7,415	435	246,470	252	79,090	9	1,631	1,349	725,864	437	145,932	1	150	1,822,641	4,165,900	19
5	2,170	541	268,664	309	64,689	48	6,471	1,243	605,892	274	84,122	7	944	1,340,477	3,512,603	20
7	3,616	298	145,546	96	30,517	61	8,365	347	206,317	67	30,098	9	1,453	599,211	1,554,774	21
13	4,042	417	193,825	46	11,601	87	11,555	681	349,107	49	17,065	14	1,837	778,492	2,154,882	22
.....	.....	6	2,652	.....	.....	.....	.....	4	2,540	1	624	.....	.....	9,539	23,770	23
2	1,248	181	100,955	31	8,271	33	5,173	90	40,199	24	5,896	7	1,308	203,032	578,936	24
.....	.....	46	13,423	3	870	8	1,248	78	48,328	.....	.....	1	156	102,926	228,650	25
13	4,304	387	176,619	29	6,216	30	4,627	535	268,744	60	14,595	10	1,329	694,763	1,909,406	26
97	46,592	6,040	3,013,078	3,044	949,897	366	53,181	13,448	7,023,742	5,775	2,104,221	95	15,969	19,432,008	47,422,603	27
.....	.....	361	111,119	18	2,852	128	13,287	193	82,308	170	36,288	30	2,120	967,502	2,551,567	28
.....	.....	43	24,645	3	669	1	150	6	4,424	.....	.....	.....	.....	64,399	126,902	29
17	6,103	1,135	463,214	763	192,196	157	20,244	2,322	955,801	1,208	330,010	97	11,924	2,447,042	7,024,748	30
.....	.....	23	13,970	.....	.....	4	750	17	6,975	.....	.....	.....	.....	31,797	92,460	31
42	16,379	4,057	1,498,081	2,068	458,773	489	44,672	6,374	2,439,329	3,786	975,535	611	80,167	7,299,782	19,978,429	32
1	235	28	13,595	28	8,006	.....	.....	52	27,472	67	21,945	4	558	97,834	254,586	33
.....	.....	6	2,820	.....	.....	.....	.....	16	7,236	.....	.....	.....	.....	11,017	33,431	34
.....	.....	31	11,548	1	82	.....	.....	13	5,927	1	50	1	129	23,570	66,458	35
.....	.....	44	23,043	3	544	7	1,288	75	44,652	9	2,936	1	100	84,442	236,807	36
.....	.....	117	68,964	5	918	12	1,783	12	7,146	1	624	2	300	85,858	241,970	37
.....	.....	4	2,475	1	350	1	156	41	36,280	10	3,960	.....	.....	45,637	113,097	38
.....	.....	22	12,013	1	50	.....	.....	34	23,406	7	1,831	.....	.....	40,488	117,717	39
.....	.....	461	168,366	167	27,941	132	19,847	279	81,044	1,248	363,790	32	3,819	1,463,878	3,727,842	40
1	450	18	11,651	1	180	6	1,476	52	40,851	.....	.....	.....	.....	67,096	178,410	41
1	50	59	21,099	28	5,552	18	2,174	287	156,771	49	19,030	21	2,729	141,813	562,060	42
.....	.....	561	269,978	198	46,521	78	9,064	719	321,860	76	29,742	19	2,552	962,202	2,524,949	43
.....	.....	4	2,659	.....	.....	1	52	8	6,120	.....	.....	.....	.....	12,351	34,002	44

TABLE 5.—SPECIFIED INDUSTRIES, BY

340.—TOBACCO, STEMMING AND REHANDLING.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.	Officers, firm members, and clerks. Males above 16 years. Number.	Wages.
1	The United States...	292	$5,735,610	$869,735	$197,635	$482,375	$189,725	$4,865,875	$424,869	6,504	$1,455,946	516	$322,909
2	Kentucky	79	1,675,083	467,290	110,950	276,900	79,440	1,207,793	110,641	2,372	443,340	108	78,424
3	Missouri	3	14,700	11,700	1,500	9,000	1,200	3,000	390	92	14,757	1	244
4	North Carolina	13	282,460	66,760	24,100	39,500	3,160	215,700	8,891	175	28,070	17	11,943
5	Ohio	38	737,440	40,215	8,050	15,100	17,065	697,225	36,032	761	283,388	54	41,886
6	Pennsylvania	47	943,846	71,180	14,500	39,000	17,680	872,666	78,652	1,010	199,427	127	48,789
7	Tennessee	5	8,225	2,600	235	1,975	390	5,625	1,238	35	3,849	5	417
8	Virginia	101	1,886,806	178,690	34,800	90,700	53,190	1,708,116	182,599	1,821	433,685	191	130,206
9	All other states (*a*)	6	187,050	31,300	3,500	10,200	17,600	155,750	6,426	238	49,430	13	11,000

a Includes establishments distributed as follows: Connecticut, 2; Indiana, 1; New York, 2; Wisconsin, 1.

341.—TOOLS, NOT ELSEWHERE SPECIFIED. (See also Cutlery and edge tools; Hardware.)

1	The United States...	462	11,376,622	5,232,703	742,349	1,216,408	3,273,946	6,143,919	835,443	7,095	4,144,838	671	656,944
2	California	9	148,595	109,900	41,700	18,600	49,600	38,695	6,219	69	61,926	12	11,978
3	Connecticut	24	1,563,407	508,286	68,225	148,771	291,290	1,055,121	101,870	785	461,768	40	45,579
4	Illinois	29	227,852	97,012	15,450	11,450	70,112	130,840	11,000	257	149,593	42	34,686
5	Indiana	5	37,425	22,075	3,300	3,200	15,575	15,350	806	44	21,964	6	4,900
6	Kentucky	7	3,998	2,470	400	230	1,840	1,528	703	10	5,911	7	4,736
7	Maine	5	59,175	39,275	500	10,675	28,100	19,900	3,984	62	28,556	7	4,940
8	Maryland	6	62,145	44,900	4,000	7,200	33,700	17,245	1,839	46	23,964	8	4,708
9	Massachusetts	86	2,188,223	1,031,721	132,222	228,200	671,299	1,156,502	203,701	1,301	842,868	132	143,724
10	Michigan	13	142,302	60,503	13,900	16,800	29,803	81,799	11,825	113	64,700	19	13,839
11	Minnesota	5	36,965	10,665	.....	2,115	8,550	26,300	4,103	25	16,202	10	7,192
12	Missouri	13	265,850	118,001	32,260	22,485	63,256	147,849	23,120	172	104,163	20	22,320
13	New Hampshire	5	29,495	16,900	2,200	7,000	7,700	12,595	2,952	31	13,402	4	2,050
14	New Jersey	24	306,928	158,360	5,600	28,900	123,860	148,568	29,166	361	205,332	38	36,576
15	New York	82	1,532,006	691,131	114,483	128,283	448,365	840,875	78,952	1,001	545,011	118	115,261
16	Ohio	34	1,788,625	909,934	96,775	221,450	591,709	878,691	212,548	1,070	589,072	67	64,306
17	Pennsylvania	77	2,599,743	1,159,589	167,159	313,649	678,781	1,440,154	129,105	1,521	877,574	107	107,856
18	Rhode Island	11	57,122	32,750	1,600	1,900	29,250	24,372	2,176	54	37,235	12	11,197
19	Vermont	3	17,589	7,189	200	800	6,189	10,400	1,026	23	15,789	2	2,080
20	Virginia	3	7,955	3,515	1,000	400	2,115	4,440	130	8	4,530	3	2,180
21	Wisconsin	7	130,327	78,317	26,000	11,075	41,242	52,010	5,866	50	25,256	5	5,316
22	All other states (*a*)	14	170,895	130,210	15,375	33,225	81,610	40,685	4,344	92	50,022	12	11,520

a Includes establishments distributed as follows: Colorado, 2; Delaware, 2; Georgia, 1; Iowa, 1; Kansas, 1; Nebraska, 1; North Carolina, 1; Oregon, 1; South Dakota, 2; Washington, 1; West Virginia, 1.

342.—TOYS AND GAMES.

1	The United States...	139	2,781,185	1,173,652	159,050	348,200	666,402	1,607,533	283,592	3,440	1,346,850	265	261,377
2	Connecticut	5	187,947	66,200	8,900	31,200	26,100	121,747	5,884	165	68,653	13	13,780
3	Illinois	3	15,931	3,800	.....	.....	3,800	12,131	764	35	12,192	2	3,000
4	Massachusetts	18	485,740	161,127	13,250	63,700	84,177	324,613	51,952	528	218,068	31	31,120
5	Michigan	3	68,200	24,000	2,700	8,800	12,500	44,200	6,826	95	47,785	6	8,500
6	New Jersey	11	42,523	22,663	6,850	7,150	8,663	19,860	2,570	67	17,690	11	6,161
7	New York	48	926,886	399,595	29,500	71,700	298,395	527,291	138,301	1,141	493,977	117	127,136
8	Ohio	8	106,240	52,090	16,200	20,400	15,490	54,150	5,873	152	67,242	13	11,372
9	Pennsylvania	24	399,553	199,355	20,850	57,450	121,055	200,198	26,384	523	176,104	43	33,766
10	Vermont	5	132,350	60,000	10,800	31,200	18,000	72,350	8,342	155	60,462	5	5,050
11	Wisconsin	3	129,451	67,726	18,500	14,100	35,126	61,725	14,849	197	54,211	4	4,300
12	All other states (*a*)	11	286,364	117,096	31,500	42,500	43,096	169,268	21,847	382	140,466	20	17,192

a Includes establishments distributed as follows: California, 1; Indiana, 2; Kentucky, 1; Maryland, 2; Missouri, 2; New Hampshire, 2; Rhode Island, 1.

343.—TRUNKS AND VALISES. (See also Leather goods.)

1	The United States...	395	6,900,756	1,854,899	634,355	668,950	551,594	5,045,857	663,762	6,785	3,513,749	732	712,885
2	Alabama	4	9,030	2,230	1,000	600	630	6,800	3,667	41	16,834	3	2,280
3	California	13	241,295	18,910	1,500	1,000	16,410	222,385	22,169	171	121,802	24	30,843
4	Colorado	4	37,768	8,583	4,000	2,000	2,583	29,185	6,142	28	26,294	6	11,532
5	Connecticut	5	68,544	28,394	5,000	14,000	9,394	40,150	4,366	112	41,304	3	3,700
6	District of Columbia	4	28,735	1,710	.....	.....	1,710	27,025	3,749	44	24,270	4	3,420
7	Georgia	6	88,600	18,775	25	300	18,450	69,825	11,629	208	71,580	9	7,462
8	Illinois	20	406,400	145,025	60,000	59,000	26,025	261,375	27,108	317	186,585	45	46,103
9	Indiana	8	23,520	1,470	.....	.....	1,470	22,050	5,903	47	27,202	8	8,980
10	Iowa	8	34,800	8,500	4,000	2,000	2,500	26,300	4,866	39	16,582	7	4,695
11	Kansas	4	24,975	6,775	3,000	3,000	775	18,200	2,231	23	13,581	5	4,400

STATES AND TERRITORIES: 1890—Continued.

340.—TOBACCO, STEMMING AND REHANDLING.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
3	$4,520	3,087	$710,837	1,215	$188,752	413	$49,685	717	$105,296	426	$64,867	127	$9,280	$12,813,108	$16,209,761	1
2	1,520	1,052	225,444	189	20,495	190	16,649	550	60,878	169	31,820	112	8,110	2,589,005	3,474,750	2
.....	.....	68	11,922	12	1,910	11	681	.....	.....	.....	.....	.....	.....	.....	18,432	3
.....	.....	68	9,665	60	4,264	18	1,280	10	833	2	85	.....	.....	444,500	516,750	4
.....	.....	349	134,002	260	82,100	98	25,400	.....	.....	.....	.....	.....	.....	2,615,478	3,371,794	5
.....	.....	814	147,874	57	2,520	12	244	.....	.....	.....	.....	.....	.....	1,555,538	2,054,360	6
.....	.....	23	3,172	6	230	1	30	.....	.....	.....	.....	.....	.....	31,337	39,032	7
.....	.....	659	160,628	581	72,233	63	3,301	157	43,585	155	22,562	15	1,176	5,420,492	6,487,643	8
1	3,000	54	17,930	50	5,000	20	2,100	.....	.....	100	10,400	.....	.....	156,760	247,000	9

341.—TOOLS, NOT ELSEWHERE SPECIFIED. (See also Cutlery and edge tools; Hardware.)

14	5,842	4,787	2,627,648	112	36,452	88	15,842	1,340	772,777	70	27,066	13	2,267	3,517,269	10,528,025	1
1	520	52	48,156	.....	.....	2	522	2	750	.....	.....	.....	.....	42,682	151,670	2
.....	.....	558	314,709	22	8,060	1	156	134	80,464	30	12,800	.....	.....	371,712	1,220,130	3
.....	.....	212	112,039	1	720	.....	.....	2	1,248	.....	.....	.....	.....	58,386	299,730	4
.....	.....	23	10,490	.....	.....	1	156	14	6,418	.....	.....	.....	.....	11,319	36,800	5
.....	.....	3	1,175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,970	12,405	6
.....	.....	55	23,616	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,625	80,550	7
.....	.....	38	19,256	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,610	56,000	8
3	1,300	831	511,046	5	1,932	3	510	293	173,962	27	9,482	7	912	488,972	1,880,733	9
1	420	80	48,720	2	416	6	936	5	369	.....	.....	.....	.....	112,738	222,018	10
.....	.....	15	9,010	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,652	51,440	11
1	650	61	37,132	1	600	9	1,864	77	40,967	.....	.....	3	630	136,566	302,483	12
.....	.....	13	6,952	3	850	.....	.....	11	3,550	.....	.....	.....	.....	10,014	35,625	13
1	624	270	147,102	4	818	17	3,298	30	16,810	1	104	.....	.....	69,121	376,997	14
1	200	671	346,322	22	6,358	20	2,718	155	68,997	12	4,680	2	475	336,235	1,185,377	15
4	1,360	826	405,240	22	6,350	3	504	148	111,312	.....	.....	.....	.....	468,396	1,617,071	16
1	468	899	487,920	26	9,672	18	3,478	469	267,930	.....	.....	1	250	1,250,420	2,694,250	17
.....	.....	42	26,038	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,790	66,526	18
.....	.....	18	13,397	3	312	.....	.....	.....	.....	.....	.....	.....	.....	6,943	27,000	19
.....	.....	5	2,350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,867	11,630	20
1	300	43	19,276	1	364	.....	.....	.....	.....	.....	.....	.....	.....	21,961	79,651	21
.....	.....	72	36,802	.....	.....	8	1,700	.....	.....	.....	.....	.....	.....	36,290	119,939	22

342.—TOYS AND GAMES.

27	10,044	1,838	749,257	432	101,228	141	21,422	373	121,258	272	67,219	92	15,045	1,453,738	3,749,755	1
.....	.....	57	24,903	9	1,976	3	468	63	23,168	20	4,358	.....	.....	69,932	164,905	2
.....	.....	17	4,200	.....	.....	.....	.....	8	2,496	8	2,496	.....	.....	18,640	44,223	3
3	1,296	297	130,349	58	10,659	13	2,108	49	18,642	58	19,394	19	4,500	273,913	633,617	4
.....	.....	88	39,185	.....	.....	.....	.....	.....	.....	1	100	.....	.....	71,609	156,276	5
1	520	34	8,287	14	2,166	2	192	1	104	4	260	.....	.....	13,976	59,870	6
14	5,192	489	239,079	215	59,527	40	6,450	85	23,456	141	28,337	40	4,800	599,787	1,467,582	7
4	832	95	37,647	19	2,750	.....	.....	3	1,872	3	624	15	2,145	29,904	130,000	8
2	924	278	97,928	66	12,642	65	8,454	34	11,540	27	9,250	8	1,600	148,188	463,130	9
.....	.....	131	47,672	13	3,060	.....	.....	6	4,680	.....	.....	.....	.....	57,236	148,180	10
1	480	138	43,881	4	750	.....	.....	50	4,800	.....	.....	.....	.....	68,189	167,660	11
2	800	214	76,126	34	7,698	18	3,750	74	30,500	10	2,400	10	2,000	102,364	323,338	12

343.—TRUNKS AND VALISES. (See also Leather goods.)

21	10,134	3,631	1,824,420	229	58,522	125	19,422	1,924	857,190	72	21,264	51	9,932	4,703,982	10,321,621	1
.....	.....	38	14,554	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,809	42,825	2
.....	.....	111	72,683	7	2,756	14	3,840	15	11,700	.....	.....	.....	.....	187,515	389,627	3
.....	.....	20	13,612	.....	.....	.....	.....	2	1,150	.....	.....	.....	.....	14,997	76,256	4
1	312	83	31,944	20	4,600	5	748	.....	.....	.....	.....	.....	.....	83,066	153,235	5
.....	.....	35	19,500	5	1,350	.....	.....	.....	.....	.....	.....	.....	.....	40,970	87,450	6
.....	.....	74	26,418	.....	.....	.....	.....	100	31,200	.....	.....	25	6,500	97,435	211,950	7
.....	.....	258	137,204	11	3,020	3	258	.....	.....	.....	.....	.....	.....	177,756	443,057	8
.....	.....	32	16,512	.....	.....	.....	.....	7	1,710	.....	.....	.....	.....	24,785	68,925	9
1	240	29	11,007	1	240	.....	.....	1	400	.....	.....	.....	.....	21,675	58,277	10
.....	.....	18	9,181	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,900	36,500	11

TABLE 5.—SPECIFIED INDUSTRIES BY

343.—TRUNKS AND VALISES—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL. Aggregate.	Plant. Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES. Aggregates. Average number.	Total wages.	Officers, firm members, and clerks. Males above 16 years. Number.	Wages.
12	Kentucky	16	$336,911	$59,370	$14,500	$25,000	$19,870	$277,541	$31,368	426	$180,958	34	$28,673
13	Maine	13	51,319	3,650	25	50	3,575	47,669	4,554	74	26,234	15	7,880
14	Maryland	20	27,130	6,571	2,580	2,300	1,691	20,559	4,481	76	30,046	14	8,484
15	Massachusetts	26	185,731	19,782	.....	5,000	14,782	165,949	46,943	221	133,701	36	27,158
16	Michigan	7	218,771	42,985	8,200	17,025	17,760	175,786	13,965	194	79,470	25	18,388
17	Minnesota	8	107,512	24,718	5,000	9,000	10,718	82,794	7,838	74	43,584	15	15,150
18	Missouri	21	313,277	90,870	29,000	30,000	31,870	222,407	33,086	274	184,189	43	50,904
19	Nebraska	4	23,350	3,700	2,000	600	1,100	19,650	5,207	19	12,949	4	3,600
20	New Hampshire	3	40,900	27,850	16,500	10,600	750	13,050	550	14	7,523	2	1,812
21	New Jersey	18	1,398,073	485,325	169,600	176,400	139,325	912,748	96,331	1,312	712,596	81	83,042
22	New York	78	881,076	242,579	99,000	80,200	63,379	638,497	97,715	831	521,747	128	127,087
23	Ohio	26	371,823	44,246	16,000	5,400	22,846	327,577	52,869	510	262,976	53	56,790
24	Oregon	4	35,925	975	.....	.....	975	34,950	4,740	22	12,340	6	3,900
25	Pennsylvania	37	291,087	42,020	5,000	10,500	26,520	249,067	44,602	368	171,471	46	30,992
26	Rhode Island	3	19,800	600	.....	.....	600	19,200	1,145	9	5,780	2	1,560
27	Tennessee	6	40,750	8,450	1,500	2,500	4,450	32,300	6,375	89	31,730	12	8,360
28	Texas	5	56,980	20,975	2,500	2,000	16,475	36,005	14,328	59	40,850	9	7,704
29	Utah	3	5,950	1,400	.....	500	900	4,550	2,335	16	9,249	5	3,510
30	Wisconsin	13	1,293,149	422,211	173,925	178,475	69,811	870,938	90,070	851	343,925	58	60,467
31	All other states (a)	8	237,575	66,250	10,500	31,500	24,250	171,325	13,430	306	156,397	30	43,980

a Includes establishments distributed as follows: Florida, 1; Louisiana, 2; South Carolina, 1; Virginia, 2; Washington, 2.

344.—TYPE FOUNDING. (See also Stereotyping and electrotyping.)

1	The United States	38	4,968,309	2,287,971	86,500	177,500	2,023,971	2,680,338	230,907	2,172	1,401,749	199	269,350
2	Illinois	3	438,545	199,805	.....	.....	199,805	238,740	27,900	195	162,800	18	29,000
3	Maryland	4	272,000	145,000	.....	.....	145,000	127,000	18,040	121	67,875	17	19,560
4	Massachusetts	4	362,994	102,040	.....	.....	102,040	260,954	26,353	213	129,252	12	14,582
5	Missouri	3	468,400	190,500	12,500	36,000	142,000	277,900	19,441	206	121,836	13	15,286
6	New York	11	1,053,792	563,398	.....	.....	563,398	490,394	32,659	534	336,828	52	69,354
7	Ohio	3	773,878	431,728	.....	110,000	321,728	342,150	28,360	278	170,971	24	35,921
8	Pennsylvania	5	1,035,000	403,500	36,500	28,500	338,500	631,500	37,272	382	275,261	35	57,116
9	All other states (a)	5	563,700	252,000	37,500	3,000	211,500	311,700	46,882	243	136,026	28	28,522

a Includes establishments distributed as follows: California, 2; Minnesota, 1; Wisconsin, 2.

345.—TYPEWRITERS AND SUPPLIES.

1	The United States	30	1,421,783	615,948	35,350	47,050	533,548	805,835	119,773	1,735	1,078,203	88	126,154
2	Connecticut	3	402,413	105,101	50	50	105,001	297,312	44,588	385	191,900	7	13,300
3	Massachusetts	3	81,374	57,624	.....	.....	57,624	23,750	8,030	100	48,270	11	8,678
4	New York	13	699,431	336,773	35,000	46,000	255,773	362,658	59,083	1,110	732,865	48	70,196
5	Pennsylvania	3	130,479	75,200	.....	.....	75,200	55,279	3,615	55	36,600	4	5,100
6	All other states (a)	8	108,086	41,250	300	1,000	39,950	66,836	4,457	85	68,568	18	28,880

a Includes establishments distributed as follows: Illinois, 1; Minnesota 1; Missouri, 2; New Jersey, 2; Ohio, 2.

346.—UMBRELLAS AND CANES.

1	The United States	435	5,646,289	897,622	159,350	187,303	550,969	4,748,667	961,328	6,863	3,204,797	743	721,637
2	California	10	21,385	3,725	.....	.....	3,725	17,660	4,455	26	20,052	11	9,850
3	District of Columbia	4	10,525	2,975	1,100	900	975	7,550	2,196	15	5,227	3	2,195
4	Georgia	4	350	265	.....	.....	265	85	286	5	1,676	3	1,220
5	Illinois	16	23,120	7,430	3,000	2,000	2,430	15,690	7,008	29	16,418	16	10,596
6	Indiana	4	1,515	240	.....	.....	240	1,275	549	6	2,237	2	1,400
7	Kentucky	7	9,485	3,275	2,000	1,000	275	6,210	1,574	12	5,654	7	3,600
8	Louisiana	5	1,790	1,155	.....	.....	1,155	635	1,030	7	2,482	3	1,650
9	Maryland	15	161,115	25,080	7,100	10,100	7,880	136,035	7,894	158	48,002	21	14,256
10	Massachusetts	13	244,620	15,462	.....	.....	15,462	229,158	16,715	245	110,967	28	84,474
11	Michigan	4	86,150	33,050	10,000	20,000	3,050	53,100	3,910	36	13,276	2	2,500
12	Missouri	10	28,705	5,610	1,700	1,100	2,810	23,095	4,535	30	21,861	17	15,390
13	New Jersey	13	136,000	89,200	25,500	30,500	33,200	46,800	6,052	241	98,998	10	8,996
14	New York	204	1,595,970	242,631	18,000	11,500	213,131	1,263,339	226,506	2,744	1,492,758	377	394,043
15	Ohio	27	189,063	49,430	16,700	17,353	15,377	139,033	22,700	347	155,686	54	53,653
16	Pennsylvania	75	3,118,800	372,569	66,550	79,150	226,869	2,746,231	644,717	2,715	1,100,416	161	151,991
17	Rhode Island	4	31,175	10,750	.....	.....	10,750	20,425	5,434	106	51,889	11	7,665
18	Wisconsin	4	22,332	12,310	5,600	5,500	1,210	10,022	655	14	5,038	2	614
19	All other states (a)	16	54,189	22,465	2,100	8,200	12,165	31,724	6,112	118	52,160	15	7,534

a Includes establishments distributed as follows: Connecticut, 2; Florida, 1; Maine, 2; Minnesota, 2; Montana, 1; New Hampshire, 1; South Carolina, 2; Tennessee, 1; Texas, 1; Virginia, 1; Washington, 1; West Virginia, 1.

STATES AND TERRITORIES: 1890—Continued.

343.—TRUNKS AND VALISES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
3	$1,800	217	$84,446	28	$6,056	11	$1,225	122	$55,754	15	$2,572	6	$432	$215,778	$528,192	12
.....	.....	26	9,050	23	4,395	.....	.....	8	4,500	2	400	.....	.....	65,794	125,769	13
.....	.....	49	16,966	.....	.....	1	52	12	4,544	.....	.....	.....	.....	43,745	110,000	14
2	1,170	146	87,773	13	3,276	.....	.....	24	14,324	.....	.....	.....	.....	263,100	518,792	15
.....	.....	155	58,276	3	1,050	11	1,756	.....	.....	.....	.....	.....	.....	136,838	295,756	16
.....	.....	51	26,360	3	468	.....	.....	5	1,606	.....	.....	.....	.....	51,151	134,644	17
.....	.....	121	65,533	.....	.....	2	312	108	67,440	.....	.....	.....	.....	211,762	568,050	18
.....	.....	14	9,229	.....	.....	1	120	.....	.....	.....	.....	.....	.....	9,910	32,600	19
.....	.....	8	3,719	.....	.....	.....	.....	4	1,992	.....	.....	.....	.....	6,820	18,380	20
1	300	438	246,672	22	5,410	21	2,650	698	357,930	41	14,592	10	2,000	981,007	2,015,413	21
4	2,712	584	348,073	42	13,359	4	625	59	27,215	10	2,676	.....	.....	651,885	1,568,587	22
1	520	289	137,118	31	7,240	21	3,344	113	57,340	2	624	.....	.....	322,576	861,975	23
.....	.....	14	8,200	.....	.....	2	240	.....	.....	.....	.....	.....	.....	12,150	40,000	24
2	1,120	171	81,263	3	822	9	1,398	137	55,876	.....	.....	.....	.....	289,313	591,911	25
.....	.....	7	4,220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,280	25,700	26
.....	.....	47	18,614	.....	.....	4	494	26	4,262	.....	.....	.....	.....	39,740	85,000	27
1	480	49	32,666	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28,909	142,438	28
.....	.....	9	5,262	1	237	1	240	.....	.....	.....	.....	.....	.....	8,200	30,400	29
5	1,480	332	136,236	14	3,775	15	2,120	415	138,447	2	400	10	1,000	526,376	1,193,812	30
.....	.....	206	92,149	2	468	.....	.....	68	19,800	.....	.....	.....	.....	143,740	366,100	31

344.—TYPE FOUNDING. (See also Stereotyping and electrotyping.)

23	10,888	707	482,933	134	71,083	40	7,372	538	340,431	471	210,577	60	9,115	1,434,092	3,916,904	1
8	3,560	19	9,200	.....	.....	.....	.....	25	12,500	125	108,540	.....	.....	466,240	765,000	2
1	1,560	64	37,111	8	1,780	13	2,915	18	4,940	.....	.....	.....	.....	35,240	162,200	3
3	1,234	88	62,039	6	1,790	1	104	23	24,712	80	24,791	.....	.....	62,558	316,815	4
2	300	114	76,455	3	1,090	2	410	26	20,095	40	7,200	6	1,000	50,277	270,809	5
1	800	109	89,674	98	57,824	.....	.....	161	82,352	105	35,824	8	1,000	495,536	988,260	6
.....	.....	109	69,042	.....	.....	.....	.....	72	48,651	55	14,157	18	3,200	99,975	389,600	7
2	832	127	85,338	.....	.....	14	2,100	185	126,875	2	250	17	2,750	128,630	666,558	8
6	2,602	77	54,074	19	8,599	10	1,843	28	20,306	64	19,815	11	1,165	95,636	357,572	9

345.—TYPEWRITERS AND SUPPLIES.

16	6,573	1,045	656,143	154	46,759	2	254	427	241,270	3	1,050	.....	.....	632,723	3,630,126	1
.....	.....	262	144,200	112	32,600	.....	.....	1	750	3	1,050	.....	.....	110,570	480,500	2
1	243	65	31,474	23	7,875	.....	.....	.....	.....	.....	.....	.....	.....	14,551	83,040	3
8	2,770	613	415,589	14	4,056	2	254	425	240,000	.....	.....	.....	.....	436,811	2,774,593	4
.....	.....	48	30,000	3	1,500	.....	.....	.....	.....	.....	.....	.....	.....	16,850	121,500	5
7	3,560	57	34,880	2	728	.....	.....	1	520	.....	.....	.....	.....	53,941	170,493	6

346.—UMBRELLAS AND CANES.

98	47,300	2,606	1,348,737	1,831	575,218	139	23,624	353	140,666	1,093	347,615	.....	.....	7,562,921	13,771,927	1
2	1,740	6	4,760	5	2,132	.....	.....	2	1,560	.....	.....	.....	.....	16,290	58,211	2
.....	.....	6	2,002	5	926	1	104	.....	.....	.....	.....	.....	.....	7,290	16,500	3
1	300	1	156	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,183	3,975	4
1	500	7	3,900	5	1,422	.....	.....	.....	.....	.....	.....	.....	.....	19,736	54,095	5
.....	.....	2	612	2	225	.....	.....	.....	.....	.....	.....	.....	.....	4,887	7,790	6
.....	.....	2	1,014	3	1,040	.....	.....	.....	.....	.....	.....	.....	.....	9,612	19,185	7
.....	.....	2	572	2	260	.....	.....	.....	.....	.....	.....	.....	.....	1,320	5,720	8
3	364	18	9,172	12	2,492	.....	.....	10	2,318	94	19,400	.....	.....	197,068	305,366	9
2	1,404	44	25,438	52	17,576	1	182	20	6,000	98	25,893	.....	.....	395,655	578,977	10
.....	.....	13	5,544	21	5,232	.....	.....	.....	.....	.....	.....	.....	.....	84,115	112,128	11
.....	.....	8	3,380	12	2,834	2	257	.....	.....	.....	.....	.....	.....	49,354	86,692	12
2	832	106	53,014	10	2,652	1	104	111	33,300	1	100	.....	.....	67,721	188,962	13
50	25,436	1,024	609,757	880	299,300	54	6,376	126	53,314	233	104,532	.....	.....	2,570,201	5,246,282	14
4	1,812	121	61,470	138	31,971	19	3,185	3	1,720	8	1,875	.....	.....	290,368	564,222	15
32	14,612	1,075	486,786	650	196,206	61	13,416	81	42,454	655	194,951	.....	.....	3,783,768	6,304,984	16
.....	.....	83	40,360	10	3,500	.....	.....	.....	.....	2	364	.....	.....	20,760	83,940	17
.....	.....	12	4,424	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,895	22,027	18
1	300	76	36,376	24	7,450	.....	.....	.....	.....	2	500	.....	.....	35,698	112,871	19

TABLE 5.—SPECIFIED INDUSTRIES, BY

347.—UPHOLSTERY MATERIALS. (See also Carpets and rugs, other than rag; Woolen goods; Worsted goods.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	152	$4,427,654	$1,441,558	$343,629	$467,290	$630.639	$2,986,096	$244,043	3,479	$1,454,062	243	$229,938
2	California	5	48,015	37,950	21,800	6,350	9,800	10,065	1,374	29	12,644	3	2,916
3	Illinois	3	66,101	37,296	1,100	11,600	24,596	28,805	6,057	108	45,506	5	2,940
4	Indiana	8	83,203	37.711	6,150	10,713	20,848	45,492	6,446	93	44,316	10	9,970
5	Louisiana	4	33,275	13,550	2,900	3,050	7,600	19,725	895	64	22,038	6	5,552
6	Maryland	7	1,146,223	148,850	29,900	54,500	64,450	997,373	25,057	793	233,275	5	4,250
7	Massachusetts	4	85,900	48,100	15,000	12,000	21,100	37,800	7,715	124	41,802	5	2,528
8	Michigan	6	55,252	34,000	7,100	10,400	16,500	21,252	4,453	99	24,135	7	3,960
9	Minnesota	4	111,950	87,150	28,100	20,350	38,700	24,800	9,149	70	23,692	----	----
10	Missouri	5	124,825	66,300	30,600	9,500	26,200	58,525	13,106	120	68,995	10	13,290
11	New Jersey	7	134,901	67,900	3,100	8,100	56,700	67,001	6,679	153	57,444	10	9,142
12	New York	38	493,295	210,552	53,433	83,750	73,369	282,743	38,548	573	342,338	76	75,294
13	Ohio	15	267,005	100,080	22,730	45,750	31,600	166,925	25,122	192	82,429	17	10,632
14	Oregon	3	19,970	10.250	----	3,000	7,250	9,720	1,621	16	11,400	2	2,700
15	Pennsylvania	22	982,211	283,999	57,092	109,202	117,705	698,212	53,853	696	302,537	58	63,336
16	Rhode Island	5	682,984	189,070	44,534	60,850	83,686	493,914	38,785	235	106,511	12	14,296
17	All other states and territories. (a)	16	92,544	68,800	20,090	18,175	30,535	23,744	5,183	114	35,000	17	9,132

a Includes establishments distributed as follows: Connecticut, 2; District of Columbia, 1; Florida, 2; Georgia, 1; Kansas, 1; Kentucky, 1; North Carolina, 1; South Dakota, 1; Texas, 1; Virginia, 2; West Virginia, 1; Wisconsin, 2.

348.—VARNISH. (See also Paints, and special report on Chemicals and allied products in Part III.)

1	The United States...	140	11,308,943	2,703,849	743,525	1,083,116	877,208	8,605,094	1,310,811	1,851	1,749,061	675	998,672
2	California	3	38,300	8,750	5,000	1,250	2,500	29,550	7,788	14	10,232	5	4,800
3	Connecticut	7	470,761	131,520	21,200	64,200	46,120	329,241	59,917	92	66,471	32	31,328
4	Illinois	10	1,279,571	382,059	89,750	176,804	115,505	897,512	90,129	189	192,464	64	108,614
5	Indiana	3	188,858	40,421	3,640	20,371	16,410	148,437	39,717	35	33,940	11	16,100
6	Massachusetts	17	291,162	75,013	19,990	27,058	27,965	216,149	49,324	89	65,774	34	31,673
7	Michigan	3	571,200	136,700	28,500	56,700	51,500	434,500	30,766	111	85,480	53	53,300
8	Missouri	7	147,040	15,130	5,898	2,000	7,232	131,910	16,217	37	33,188	13	15,350
9	New Jersey	22	2,361,199	494,615	101,400	244,175	149,040	1,866,584	353,348	250	274,423	98	171,596
10	New York	32	4,500,951	1,012,201	372,400	331,558	308,243	3,488,750	542,947	692	710,153	250	417,100
11	Ohio	16	743,235	136,360	30,700	55,200	50,460	606,875	68,089	147	121,066	64	74,640
12	Pennsylvania	17	543,415	177,837	44,700	52,300	80,837	365,578	36,342	116	114,656	45	66,311
13	All other states (a)	3	173,251	93,243	20,347	51,500	21,396	80,008	16,227	79	41,214	6	7,860

a Includes establishments distributed as follows: Kentucky, 1; Maryland, 1; Virginia, 1.

349.—VAULT LIGHTS AND VENTILATORS. (See also Foundry and machine shop products.)

1	The United States...	15	175,225	35,250	3,000	1,500	30,750	139,975	25,388	205	160,594	31	44,814
2	New York	10	132,775	24,150	500	500	23,150	108,625	20,839	126	111,918	24	35,790
3	All other states (a)	5	42,450	11,100	2,500	1,000	7,600	31,350	4,549	79	48,676	7	9,024

a Includes establishments distributed as follows: Illinois, 4; Pennsylvania, 1.

350.—VINEGAR AND CIDER.

1	The United States...	694	5,858,395	3,685,561	880,388	1,188,302	1,616,871	2,172,834	355,334	3,388	1,149,069	739	425,098
2	California	8	67,364	32,450	3,300	12,800	16,350	34,914	11,283	34	26,849	14	12,909
3	Connecticut	23	56,652	39,532	4,223	17,484	17,825	17,120	2,486	68	13,365	16	5,549
4	Georgia	9	49,025	25,650	11,350	4,050	10,250	23,375	1,972	52	14,658	20	6,773
5	Illinois	41	797,848	522,508	155,610	158,857	208,041	275,340	44,607	290	156,097	71	68,093
6	Indiana	35	60,746	34,019	6,180	11,195	16,644	26,727	2,853	119	17,321	22	6,567
7	Iowa	8	184,492	107,920	32,166	40,400	35,354	76,572	6,061	64	32,786	16	11,384
8	Kansas	15	125,841	95,240	29,900	33,950	31,390	30,601	5,858	86	25,974	16	11,565
9	Kentucky	11	374,737	162,630	37,500	59,600	65,530	212,107	30,352	119	74,518	27	23,724
10	Louisiana	3	16,170	11,000	----	----	11,000	5,170	2,968	18	12,336	6	6,416
11	Maine	11	17,856	12,130	685	2,985	8,460	5,726	530	24	2,509	7	1,111
12	Maryland	6	71,007	34,259	8,104	9,900	16,255	36,748	3,411	43	23,481	14	13,631
13	Massachusetts	72	353,808	226,664	26,420	107,360	92,884	127,144	17,049	248	50,999	53	13,585
14	Michigan	90	352,648	223,442	31,783	68,036	123,623	129,206	22,416	445	63,267	72	14,198
15	Minnesota	4	62,540	37,388	12,000	9,000	16,388	25,152	5,843	21	13,868	5	5,540
16	Missouri	31	561,038	390,677	201,265	108,345	81,067	170,361	31,900	209	119,523	54	52,162

STATES AND TERRITORIES: 1890—Continued.

347.—UPHOLSTERY MATERIALS. (See also Carpets and rugs, other than rag; Woolen goods; Worsted goods.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
5	$2,210	1,829	$778,629	554	$168,778	72	$10,680	339	$169,945	338	$78,645	99	$15,237	$3,013,253	$5,733,039	1
.....	.....	26	9,728	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,818	32,460	2
.....	.....	52	22,554	.....	.....	4	512	30	16,848	.....	.....	17	2,652	78,338	153,150	3
1	300	65	25,760	6	1,584	2	200	9	6,502	.....	.....	.....	.....	78,813	161,642	4
.....	.....	36	11,598	22	4,888	.....	.....	.....	.....	.....	.....	.....	.....	128,291	178,650	5
.....	.....	504	170,399	35	7,400	28	4,786	45	17,040	120	22,200	56	7,200	675,056	1,076,078	6
.....	.....	51	18,479	53	16,544	.....	.....	4	1,148	11	3,103	.....	.....	87,881	147,254	7
1	450	75	16,793	4	600	8	832	4	1,500	.....	.....	.....	.....	32,836	68,105	8
.....	.....	70	23,692	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32,420	90,633	9
.....	.....	45	31,816	17	6,500	3	125	27	13,640	.....	.....	18	3,624	78,575	193,500	10
.....	.....	36	21,019	106	27,127	1	156	.....	.....	.....	.....	.....	.....	64,336	149,419	11
2	1,260	324	192,489	147	60,591	.....	.....	16	9,320	8	3,384	.....	.....	477,272	1,013,695	12
.....	.....	103	41,282	11	2,590	1	125	40	22,300	20	5,500	.....	.....	186,421	363,022	13
.....	.....	14	8,700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,900	53,650	14
1	200	242	106,278	91	23,324	6	722	151	76,191	147	32,486	.....	.....	750,161	1,400,711	15
.....	.....	114	59,089	62	17,630	10	1,500	9	3,397	28	10,599	.....	.....	254,229	534,089	16
.....	.....	72	18,953	.....	.....	9	1,722	4	2,059	4	1,373	8	1,761	50,906	116,981	17

348.—VARNISH. (See also Paints, and special report on Chemicals and allied products in Part III.)

31	17,674	1,108	721,837	17	4,888	8	1,354	8	3,700	2	468	2	468	7,805,663	13,795,510	1
.....	.....	9	5,432	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,190	61,110	2
.....	.....	55	33,167	3	676	.....	.....	2	1,300	.....	.....	.....	.....	354,738	611,083	3
2	1,456	118	81,012	1	312	3	670	1	400	.....	.....	.....	.....	803,978	1,299,319	4
.....	.....	24	17,840	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	154,975	299,401	5
.....	.....	55	34,101	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	350,982	571,992	6
3	1,600	55	30,580	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	748,969	975,000	7
2	1,720	22	16,118	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	97,958	191,008	8
4	2,340	148	99,887	2	600	.....	.....	.....	.....	.....	.....	.....	.....	1,035,792	2,308,035	9
13	7,538	416	282,515	6	1,560	3	504	.....	.....	2	468	2	468	2,790,502	5,213,663	10
.....	.....	73	42,896	4	1,480	1	50	5	2,000	.....	.....	.....	.....	707,982	1,023,852	11
4	1,820	66	46,395	.....	.....	1	130	.....	.....	.....	.....	.....	.....	621,392	1,038,357	12
3	1,200	69	31,894	1	260	.....	.....	.....	.....	.....	.....	.....	.....	103,205	202,690	13

349.—VAULT LIGHTS AND VENTILATORS. (See also Foundry and machine shop products.)

.....	.....	172	115,080	1	600	1	100	.....	.....	.....	.....	.....	.....	185,529	455,413	1
.....	.....	101	75,528	1	600	.....	.....	.....	.....	.....	.....	.....	.....	147,860	332,813	2
.....	.....	71	39,552	.....	.....	1	100	.....	.....	.....	.....	.....	.....	37,669	122,600	3

350.—VINEGAR AND CIDER.

12	3,290	2,432	706,555	145	9,140	30	1,291	20	3,083	10	612	.....	.....	3,268,455	6,649,300	1
.....	.....	20	13,940	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51,678	97,396	2
.....	.....	50	7,600	.....	.....	.....	.....	2	216	.....	.....	.....	.....	25,622	71,354	3
.....	.....	32	7,885	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37,202	83,640	4
.....	.....	216	87,944	2	50	.....	.....	1	10	.....	.....	.....	.....	441,911	810,159	5
.....	.....	88	11,439	6	259	3	56	.....	.....	.....	.....	.....	.....	48,593	92,892	6
2	1,320	43	18,882	3	1,200	.....	.....	.....	.....	.....	.....	.....	.....	66,215	147,411	7
1	178	67	14,071	2	160	.....	.....	.....	.....	.....	.....	.....	.....	42,896	112,259	8
2	700	89	49,734	1	360	.....	.....	.....	.....	.....	.....	.....	.....	316,051	652,810	9
.....	.....	12	5,920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,964	40,415	10
.....	.....	17	1,458	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,968	12,906	11
.....	.....	24	8,958	2	520	2	260	1	112	.....	.....	.....	.....	23,622	65,734	12
.....	.....	195	37,414	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	165,524	322,798	13
4	670	301	46,538	48	1,324	13	425	.....	.....	7	112	.....	.....	258,510	514,374	14
.....	.....	16	8,328	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,768	63,770	15
.....	.....	143	65,016	2	480	1	40	9	1,824	.....	.....	.....	.....	344,362	685,870	16

TABLE 5.—SPECIFIED INDUSTRIES, BY

350.—VINEGAR AND CIDER—Continued.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
17	Nebraska	4	$65,900	$54,000	$11,000	$14,500	$28,500	$11,900	$4,335	27	$18,210	7	$6,900
18	New Hampshire	25	35,601	26,396	3,130	8,540	14,726	9,205	1,260	71	7,404	18	2,316
19	New Jersey	11	110,195	93,795	25,550	39,050	29,195	16,400	1,768	38	12,575	11	4,843
20	New York	129	1,498,996	914,435	139,190	336,635	438,610	584,561	76,683	769	234,289	129	75,240
21	Ohio	86	238,044	150,635	17,815	25,755	107,065	87,409	22,098	316	78,133	81	28,304
22	Pennsylvania	35	235,886	136,263	20,060	32,580	83,623	99,623	17,244	128	52,498	33	22,152
23	Texas	4	89,687	76,337	45,500	25,500	5,337	13,350	7,366	17	10,104	6	3,904
24	Vermont	10	7,985	6,735	300	2,510	3,925	1,250	603	23	1,715	7	701
25	Washington	3	12,150	8,300	800	3,500	4,000	3,850	1,939	12	7,900	.....	.....
26	Wisconsin	11	343,118	234,275	55,555	49,620	129,100	108,843	22,923	91	53,797	19	17,086
27	All other states and territories. (a)	9	69,061	28,881	1,002	6,150	21,729	40,180	9,526	56	29,833	15	11,444

a Includes establishments distributed as follows: Alabama, 1; Arkansas, 1; District of Columbia, 2; Oregon, 1; South Carolina, 1; Tennessee, 2; West Virginia, 1.

351.—WASHING MACHINES AND CLOTHES WRINGERS.

1	The United States	163	1,712,953	588,735	100,580	184,373	303,776	1,124,218	82,444	1,239	589,523	205	156,750
2	Illinois	6	7,519	1,635	200	350	1,085	5,884	852	30	15,270	12	7,820
3	Indiana	16	152,980	46,000	6,705	8,550	30,685	106,980	8,458	178	80,185	30	17,429
4	Iowa	8	95,816	29,450	2,850	9,300	17,300	66,366	7,240	83	35,650	11	10,222
5	Kansas	6	4,420	3,455	455	1,650	1,350	965	190	10	4,151	4	1,641
6	Kentucky	8	4,770	860	.....	.....	860	3,910	1,034	14	8,799	8	5,611
7	Massachusetts	3	9,300	4,350	75	3,000	1,275	4,950	715	10	7,260	4	3,524
8	Michigan	11	33,365	15,381	2,095	7,515	5,771	17,984	1,975	44	15,885	11	5,854
9	Minnesota	7	12,382	6,405	250	1,680	4,475	5,977	872	16	7,006	4	2,616
10	Missouri	7	11,595	6,850	150	250	6,450	4,745	1,142	17	9,072	7	4,404
11	New York	18	252,824	102,355	22,050	32,550	47,755	150,469	21,280	181	97,683	29	28,190
12	Ohio	21	115,410	43,072	8,600	11,313	23,159	72,338	7,563	100	44,794	19	11,752
13	Pennsylvania	27	491,309	183,051	28,025	53,843	101,183	308,258	22,950	288	126,609	43	35,453
14	Texas	4	2,505	1,343	55	228	1,060	1,162	75	9	1,560	1	350
15	Vermont	3	35,344	2,593	50	300	2,243	32,751	1,682	10	4,948	4	2,988
16	Wisconsin	4	2,214	1,575	1,025	400	150	639	227	4	1,424	3	1,216
17	All other states (a)	14	481,200	140,360	27,935	53,450	58,975	340,840	6,180	245	129,227	15	17,680

a Includes establishments distributed as follows: California, 2; Connecticut, 1; Maine, 1; Maryland, 1; Nebraska, 2; New Jersey, 2; Rhode Island, 2; Virginia, 1; Washington, 2.

352.—WATCH AND CLOCK MATERIALS. (See also Clock cases and materials.)

1	The United States	32	661,784	361,250	55,500	56,100	249,650	300,534	29,099	563	292,497	44	51,138
2	Connecticut	10	192,304	88,200	7,500	9,900	70,800	104,104	15,442	163	95,251	11	16,910
3	Massachusetts	5	20,700	11,200	1,500	1,500	8,200	9,500	1,529	41	19,754	5	4,320
4	New Jersey	5	185,550	78,000	4,500	4,700	68,800	107,550	5,837	139	77,184	14	15,816
5	New York	7	42,430	11,150	.....	.....	11,150	31,280	2,770	22	12,448	7	6,080
6	All other states (a)	5	220,800	172,700	42,000	40,000	90,700	48,100	3,521	198	87,860	7	8,012

a Includes establishments distributed as follows: California, 1; Illinois, 1; New Hampshire, 1; Pennsylvania, 2.

353.—WATCH CASES.

1	The United States	45	4,727,100	1,495,991	127,850	404,500	963,641	3,231,109	443,175	3,869	2,116,286	173	212,763
2	Illinois	3	118,293	27,734	.....	5,000	22,734	90,559	7,415	71	40,762	10	9,496
3	Massachusetts	5	468,927	63,373	.....	.....	63,373	405,554	32,070	179	117,216	13	15,668
4	New Jersey	4	617,987	108,973	10,000	15,000	83,973	509,014	19,821	313	204,783	15	28,411
5	New York	20	1,408,607	449,495	30,800	114,500	304,195	959,112	198,582	1,204	761,703	65	79,039
6	Pennsylvania	7	1,541,274	540,206	60,200	116,000	364,006	1,001,008	147,209	1,253	512,926	43	51,713
7	All other states (a)	6	572,012	306,150	26,850	154,000	125,300	265,862	38,078	849	478,896	27	28,436

a Includes establishments distributed as follows: Colorado, 1; Kentucky, 1; Maryland, 1; Missouri, 1; Ohio, 1; Rhode Island, 1.

STATES AND TERRITORIES: 1890—Continued.

350.—VINEGAR AND CIDER—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
.....	.....	20	$11,310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$34,771	$68,262	17
.....	.....	51	5,018	2	$70	.....	.....	.....	.....	.....	.....	.....	.....	13,222	37,163	18
.....	.....	27	7,732	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,894	56,756	19
1	$260	661	154,619	72	3,860	5	$110	1	$200	.....	.....	.....	.....	701,188	1,403,540	20
2	162	221	43,474	2	95	4	377	6	721	.....	.....	.....	.....	213,184	425,999	21
.....	.....	95	30,346	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	160,317	315,857	22
.....	.....	11	6,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,608	57,520	23
.....	.....	16	1,014	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,980	9,704	24
.....	.....	12	7,900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,885	23,400	25
.....	.....	68	35,936	3	762	1	13	.....	.....	.....	.....	.....	.....	168,196	323,661	26
.....	.....	37	17,879	.....	.....	1	10	.....	.....	3	$500	.....	.....	54,324	153,650	27

351.—WASHING MACHINES AND CLOTHES WRINGERS.

4	1,885	756	346,516	21	4,827	21	3,379	182	69,573	4	600	46	$5,993	1,354,550	2,489,175	1
.....	.....	16	7,200	.....	.....	.....	.....	2	250	.....	.....	.....	.....	8,907	28,021	2
1	400	115	49,766	.....	.....	4	450	28	12,140	.....	.....	.....	.....	131,238	294,130	3
.....	.....	52	19,628	10	1,700	.....	.....	6	3,500	4	600	.....	.....	24,792	88,834	4
.....	.....	4	1,570	.....	.....	.....	.....	2	940	.....	.....	.....	.....	2,169	9,300	5
.....	.....	6	3,188	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,570	19,600	6
.....	.....	6	3,736	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,528	22,000	7
.....	.....	17	6,421	.....	.....	7	1,050	0	2,410	.....	.....	3	150	23,397	54,721	8
.....	.....	11	4,286	.....	.....	.....	.....	1	104	.....	.....	.....	.....	8,466	19,710	9
.....	.....	10	4,668	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,769	33,425	10
2	1,144	133	60,846	3	711	2	300	12	6,492	.....	.....	.....	.....	171,681	391,651	11
.....	.....	69	28,951	2	416	6	1,375	2	2,000	.....	.....	2	300	50,954	134,606	12
.....	.....	80	43,772	.....	.....	1	104	123	41,737	.....	.....	41	5,543	248,758	516,734	13
.....	.....	8	1,210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,327	6,228	14
1	341	5	1,619	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,356	25,608	15
.....	.....	1	208	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	976	3,675	16
.....	.....	223	109,447	6	2,000	1	100	.....	.....	.....	.....	.....	.....	622,662	837,932	17

352.—WATCH AND CLOCK MATERIALS. (See also Clock cases and materials.)

1	375	371	197,902	111	29,834	11	2,098	17	9,750	5	1,000	3	400	314,674	787,310	1
.....	.....	129	71,313	23	7,028	.....	.....	.....	.....	.....	.....	.....	.....	97,315	260,090	2
.....	.....	14	9,470	20	5,614	.....	.....	2	350	.....	.....	.....	.....	4,178	39,420	3
.....	.....	98	47,278	21	7,540	1	150	5	6,400	.....	.....	.....	.....	160,706	279,700	4
.....	.....	15	6,368	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,447	39,000	5
1	375	115	63,473	47	9,652	10	1,948	10	3,000	5	1,000	3	400	43,028	169,100	6

353.—WATCH CASES.

17	6,936	2,224	1,347,071	508	150,952	23	3,645	720	352,590	202	41,848	2	481	5,022,455	8,618,479	1
1	520	52	27,757	8	2,980	.....	.....	.....	.....	.....	.....	.....	.....	19,766	79,270	2
.....	.....	149	95,026	12	4,522	.....	.....	5	2,000	.....	.....	.....	.....	238,049	398,669	3
1	416	90	60,591	9	2,709	6	991	190	111,184	.....	.....	2	481	651,384	1,004,584	4
1	250	840	524,966	100	27,390	3	504	188	127,706	7	1,848	.....	.....	1,986,814	3,430,653	5
13	5,150	473	261,629	217	63,734	10	1,500	302	89,200	195	40,000	.....	.....	1,196,668	1,978,422	6
1	600	620	377,102	162	49,608	4	650	35	22,500	.....	.....	.....	.....	929,774	1,726,881	7

TABLE 5.—SPECIFIED INDUSTRIES, BY

354.—WATCH, CLOCK, AND JEWELRY REPAIRING. (See also Jewelry.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.			Males above 16 years.	
									Average number.	Total wages.	Number.	Wages.
1	The United States...	4,502	$6,057,125	$3,251,046	$877,854	$816,144	$1,555,048	$2,806,079	$1,047,575	8,647	$5,516,595	3,803	$2,645,708
2	Alabama	53	55,955	44,085	9,500	15,000	19,585	11,870	10,659	71	46,887	35	18,413
3	Arkansas	15	11,310	6,115	.....	.....	6,115	5,195	3,130	31	22,568	13	10,260
4	California	135	127,425	70,405	9,000	5,200	56,205	57,020	36,939	260	202,030	118	106,481
5	Colorado	39	80,994	27,334	3,000	3,000	21,334	53,660	25,099	101	96,402	48	50,257
6	Connecticut	106	121,007	49,000	8,545	8,100	32,355	72,007	26,846	175	102,258	79	43,487
7	Delaware	5	2,535	1,470	.....	.....	1,470	1,065	694	6	2,344	4	1,624
8	District of Columbia	33	157,733	48,655	25,000	10,665	12,990	109,078	12,041	126	83,224	39	28,773
9	Georgia	50	64,050	22,235	1,600	2,150	18,485	41,815	10,385	91	59,377	29	18,874
10	Illinois	325	434,713	201,335	65,600	34,600	101,135	233,378	92,782	652	431,150	253	186,589
11	Indiana	164	126,760	75,660	16,250	21,100	38,310	51,100	19,308	262	143,161	113	64,166
12	Iowa	107	95,729	70,310	15,800	15,100	39,410	25,419	17,321	217	125,638	91	55,523
13	Kansas	58	29,500	15,975	.....	.....	15,975	13,525	9,923	76	42,998	35	22,058
14	Kentucky	85	114,433	68,092	20,910	23,500	23,682	46,341	14,711	172	106,652	77	52,701
15	Louisiana	70	96,644	55,725	10,200	10,100	35,425	40,919	14,920	139	101,754	63	53,784
16	Maine	42	32,600	21,925	1,850	2,200	17,875	10,675	7,216	78	43,124	29	18,277
17	Maryland	101	138,379	60,323	12,895	19,807	27,621	78,056	17,245	177	106,518	98	67,499
18	Massachusetts	475	294,574	169,831	16,726	20,950	132,155	124,743	103,082	828	545,057	373	254,943
19	Michigan	163	134,673	83,623	10,200	14,500	58,923	51,050	29,638	306	168,058	131	74,407
20	Minnesota	128	152,519	79,345	11,250	12,020	56,075	73,174	26,875	247	171,754	104	73,753
21	Mississippi	20	24,600	18,475	5,050	5,200	8,225	6,125	3,697	29	16,690	15	7,900
22	Missouri	243	241,403	118,817	25,275	29,150	64,392	122,586	49,865	469	270,891	208	127,161
23	Montana	3	15,550	8,400	1,000	5,000	2,400	7,150	1,510	13	16,756	1	1,200
24	Nebraska	52	49,804	30,032	2,150	3,850	24,032	19,772	10,634	94	62,489	35	24,124
25	New Hampshire	29	30,811	16,400	800	1,950	13,650	14,411	5,678	55	32,261	20	15,381
26	New Jersey	93	243,897	118,830	57,700	28,500	32,630	125,067	23,477	191	118,043	78	57,043
27	New York	780	1,014,477	467,569	105,443	114,227	247,899	546,908	212,972	1,500	945,046	741	534,304
28	North Carolina	6	5,355	2,900	600	900	1,400	2,455	657	6	2,700	3	1,380
29	North Dakota	12	7,240	2,950	.....	.....	2,950	4,290	2,719	17	12,432	6	3,256
30	Ohio	268	323,777	190,060	52,650	67,375	70,035	133,717	61,310	566	341,970	239	170,658
31	Oregon	9	13,800	4,700	.....	.....	4,700	9,100	3,405	22	21,492	7	9,250
32	Pennsylvania	425	971,118	530,120	168,810	190,600	170,710	440,998	92,421	868	523,965	368	245,363
33	Rhode Island	30	28,745	16,740	1,400	3,500	11,840	12,005	4,646	44	25,963	23	14,013
34	South Carolina	21	47,122	32,100	7,000	13,000	12,100	15,022	7,853	52	42,865	31	27,180
35	Tennessee	40	61,070	32,500	5,000	2,500	25,000	28,570	14,082	98	73,366	37	25,764
36	Texas	75	296,491	217,880	107,975	55,320	54,585	78,611	20,503	144	113,983	55	38,174
37	Vermont	17	12,965	7,400	.....	.....	7,400	5,565	2,274	27	13,042	11	5,587
38	Virginia	82	155,309	103,165	46,700	32,455	24,030	52,124	19,765	160	100,254	79	53,660
39	Washington	33	31,425	15,400	.....	.....	15,400	16,025	11,043	63	65,312	29	31,220
40	West Virginia	19	14,598	10,010	1,350	5,300	3,360	4,588	2,019	27	11,432	9	4,134
41	Wisconsin	87	190,115	130,185	47,125	40,825	42,235	59,930	17,490	183	102,014	75	46,644
42	All other states and territories. (a)	4	5,920	4,950	3,500	500	950	970	532	4	2,705	1	400

a Includes establishments distributed as follows: South Dakota, 2; Utah, 1; Wyoming, 1.

355.—WATCHES.

1	The United States...	19	10,106,114	4,941,217	679,971	1,554,510	2,706,736	5,164,897	733,404	6,675	3,688,927	70	96,555
2	Illinois	4	6,179,484	2,890,943	346,971	1,069,010	1,474,962	3,288,541	340,111	3,999	2,189,326	18	21,200
3	New York	7	210,645	62,082	.....	.....	62,082	148,563	37,262	165	78,005	18	20,945
4	All other states (a)	8	3,715,985	1,988,192	333,000	485,500	1,169,692	1,727,793	356,031	2,511	1,421,596	34	54,410

a Includes establishments distributed as follows: Connecticut, 1; Massachusetts, 2; New Jersey, 2; Ohio, 2; Pennsylvania, 1.

356.—WHALEBONE AND RATTAN. (See also Baskets and rattan and willow ware.)

1	The United States...	9	221,358	12,575	.....	.....	12,575	208,783	13,297	79	58,713	10	15,700
2	Massachusetts	3	30,108	825	.....	.....	825	29,283	3,355	21	10,995	5	4,400
3	New York	6	191,250	11,750	.....	.....	11,750	179,500	9,942	58	42,718	5	11,300

STATES AND TERRITORIES: 1890—Continued.

354.—WATCH, CLOCK, AND JEWELRY REPAIRING. (See also Jewelry.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecoworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
25	$9,767	4,421	$2,731,185	69	$21,780	116	$18,212	211	$88,383	2	$1,560	.....	.....	$2,225,888	$10,704,477	1
.....	.....	36	28,474	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,345	98,220	2
.....	.....	18	12,308	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,519	35,500	3
3	1,060	122	88,071	1	1,000	4	700	12	4,715	.....	.....	.....	.....	73,091	365,873	4
1	360	48	43,409	1	1,200	1	156	2	1,020	.....	.....	.....	.....	38,763	180,650	5
1	350	84	52,696	.....	.....	7	1,675	4	4,050	.....	.....	.....	.....	36,293	206,202	6
.....	.....	2	720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	501	4,700	7
.....	.....	80	50,389	1	200	2	312	4	3,550	.....	.....	.....	.....	66,220	186,841	8
.....	.....	57	38,854	1	208	.....	.....	4	1,441	.....	.....	.....	.....	29,797	121,971	9
.....	.....	378	239,586	8	1,873	9	1,552	4	1,559	.....	.....	.....	.....	161,790	875,637	10
.....	.....	142	76,194	1	500	1	156	5	2,125	.....	.....	.....	.....	51,454	267,634	11
.....	.....	117	68,001	7	1,962	2	152	.....	.....	.....	.....	.....	.....	47,548	242,858	12
.....	.....	39	20,390	.....	.....	1	250	1	300	.....	.....	.....	.....	12,749	83,102	13
.....	.....	87	51,589	.....	.....	2	156	6	2,205	.....	.....	.....	.....	72,505	222,594	14
.....	.....	67	45,152	1	520	5	438	1	300	2	1,560	.....	.....	40,149	187,763	15
.....	.....	48	24,547	.....	.....	.....	.....	1	300	.....	.....	.....	.....	15,770	79,250	16
.....	.....	64	32,954	1	75	.....	.....	14	5,990	.....	.....	.....	.....	48,799	226,433	17
2	702	434	284,452	4	1,194	5	956	10	2,810	.....	.....	.....	.....	126,470	901,064	18
1	520	167	91,351	.....	.....	2	520	5	1,260	.....	.....	.....	.....	62,611	309,976	19
.....	.....	136	95,605	1	884	3	512	3	1,000	.....	.....	.....	.....	92,715	349,946	20
.....	.....	14	8,790	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,730	33,440	21
6	2,833	211	127,343	2	350	13	1,959	29	11,245	.....	.....	.....	.....	109,196	525,075	22
.....	.....	12	15,556	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,492	26,460	23
.....	.....	56	37,741	.....	.....	.....	.....	3	624	.....	.....	.....	.....	29,041	125,466	24
.....	.....	34	16,580	1	300	.....	.....	.....	.....	.....	.....	.....	.....	9,325	53,932	25
.....	.....	105	58,884	.....	.....	4	566	4	1,550	.....	.....	.....	.....	69,063	268,228	26
6	2,074	683	387,741	15	4,480	15	2,129	40	14,318	.....	.....	.....	.....	372,927	1,808,450	27
.....	.....	3	1,320	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,208	5,900	28
.....	.....	11	9,176	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,231	25,200	29
3	968	295	161,921	13	3,486	10	1,017	6	3,920	.....	.....	.....	.....	175,454	723,290	30
.....	.....	14	12,146	.....	.....	1	96	.....	.....	.....	.....	.....	.....	10,737	42,032	31
1	600	441	257,751	8	2,948	21	3,408	29	13,875	.....	.....	.....	.....	219,265	1,063,164	32
1	300	18	10,950	.....	.....	.....	.....	2	700	.....	.....	.....	.....	10,617	47,626	33
.....	.....	18	14,309	.....	.....	.....	.....	3	1,376	.....	.....	.....	.....	15,321	77,398	34
.....	.....	55	45,252	2	300	1	150	3	1,900	.....	.....	.....	.....	24,579	138,370	35
.....	.....	84	73,409	.....	.....	2	230	3	2,170	.....	.....	.....	.....	55,352	246,218	36
.....	.....	16	7,425	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,715	25,950	37
.....	.....	71	43,770	.....	.....	1	36	9	2,788	.....	.....	.....	.....	26,345	166,894	38
.....	.....	32	33,416	.....	.....	2	676	.....	.....	.....	.....	.....	.....	19,570	103,631	39
.....	.....	18	7,298	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,992	24,508	40
.....	.....	101	53,360	1	300	2	410	4	1,300	.....	.....	.....	.....	56,414	220,931	41
.....	.....	3	2,305	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,225	6,100	42

355.—WATCHES.

10	4,564	1,609	1,102,824	847	333,405	20	5,400	2,326	1,472,244	1,793	673,935	.....	.....	995,740	6,051,066	1
.....	.....	872	615,122	404	159,825	.....	.....	1,556	1,009,244	1,149	383,935	.....	.....	514,148	3,048,966	2
.....	.....	47	23,780	100	33,280	.....	.....	.....	.....	.....	.....	.....	.....	53,507	205,500	3
10	4,564	690	463,922	343	140,300	20	5,400	770	463,000	644	290,000	.....	.....	428,085	2,796,600	4

356.—WHALEBONE AND RATTAN. (See also Baskets and rattan and willow ware.)

.....	.....	48	31,935	21	6,078	.....	.....	.....	.....	.....	.....	.....	.....	555,173	682,977	1
.....	.....	8	4,703	8	1,892	.....	.....	.....	.....	.....	.....	.....	.....	71,763	95,477	2
.....	.....	40	27,232	13	4,186	.....	.....	.....	.....	.....	.....	.....	.....	483,410	587,500	3

TABLE 5.—SPECIFIED INDUSTRIES, BY

357.—WHEELBARROWS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	26	$1,116,359	$433,816	$110,811	$167,175	$155,830	$682,543	$86,125	620	$297,508	49	$44,579
2	Michigan	3	138,815	71,831	7,000	41,200	23,631	66,984	19,695	107	47,698	9	6,850
3	New York	5	76,000	39,956	3,992	12,700	23,264	36,044	8,712	36	18,919	5	4,810
4	Ohio	8	731,589	218,394	78,844	80,350	59,200	513,195	48,429	379	189,632	25	27,025
5	Pennsylvania	3	41,100	36,000	9,000	10,200	16,800	5,100	592	25	10,100	2	1,000
6	All other states (a)	7	128,855	67 635	11,975	22,725	32,935	61,220	8,697	73	31,159	8	4,894

a Includes establishments distributed as follows: California, 1; Delaware, 1; Indiana, 2; Maine, 1; New Hampshire, 1; Wisconsin, 1.

358.—WHIPS.

1	The United States...	81	1,632,404	357,958	51,094	94,612	212,252	1,274,446	245,962	1,087	544,522	139	140,070
2	Massachusetts	40	1,058,068	210,778	37,794	51,119	121,865	847,290	172,438	619	317,993	75	70,729
3	Michigan	5	61,550	26,396	2,000	8,524	15,872	35,154	17,078	51	19,552	1	1,200
4	Missouri	3	7,315	5,930	1,500	4,375	55	1,385	62	6	1,508	3	800
5	New York	8	176,481	36,258	4,200	9,800	22,258	140,223	9,732	163	96,288	23	32,160
6	Ohio	4	122,252	33,352	2,000	13,494	17,858	88,900	16,782	99	37,726	9	9,200
7	Pennsylvania	14	121,144	27,174	1,600	3,800	21,774	93,970	8,599	94	40,552	13	9,979
8	All other states (a)	7	85,594	18,070	2,000	3,500	12,570	67,524	21,271	55	30,903	15	16,002

a Includes establishments distributed as follows: California, 1; Illinois, 2; Maryland, 1; Oregon, 1; West Virginia, 1; Wisconsin, 1.

359.—WINDMILLS.

1	The United States...	77	2,463,231	716,106	134,723	225,416	355,967	1,747,125	171,781	1,295	691,583	167	126,995
2	California	8	47,940	23,550	1,500	4,650	17,400	24,390	3,629	46	37,709	13	12,550
3	Illinois	14	289,080	115,696	15,800	23,300	76,596	173,384	19,267	301	165,347	31	18,318
4	Indiana	10	543,945	112,596	26,000	39,700	46,896	431,349	42,969	196	104,359	32	23,550
5	Iowa	7	63,828	45,175	16,425	13,100	15,650	18,653	7,522	58	22,244	9	4,690
6	Kansas	7	44,261	31,150	4,930	12,575	13,645	13,111	1,812	24	10,911	6	4,550
7	Michigan	9	382,457	55,098	21,750	12,600	20,748	327,359	44,228	141	70,868	22	20,677
8	Minnesota	3	42,331	10,800	2,000	500	8,300	31,531	4,724	40	21,629	7	5,464
9	Nebraska	5	265,876	85,245	14,550	34,190	36,505	180,631	12,147	110	60,633	21	13,350
10	Ohio	3	13,400	4,600	800	1,500	2,300	8,800	1,047	18	7,884	1	416
11	Wisconsin	7	711,913	211,046	30,918	82,601	97,527	500,867	31,538	322	174,588	16	18,100
12	All other states (a)	4	58,200	21,150	50	700	20,400	37,050	2,907	33	15,411	9	5,330

a Includes establishments distributed as follows: Kentucky, 1; Massachusetts, 1; Pennsylvania, 1; Rhodo Island, 1.

360.—WINDOW SHADES.

1	The United States...	182	4,167,457	1,300,655	205,900	390,900	703,855	2,866,802	1,298,181	2,399	1,437,771	358	413,517
2	California	6	37,700	2,450	----------	----------	2,450	35,250	5,807	27	18,052	5	5,160
3	Illinois	13	217,570	42,070	10,000	8,000	24,070	175,500	32,341	121	76,952	23	20,820
4	Indiana	4	6,040	170	----------	----------	170	5,870	304	9	3,520	----------	----------
5	Maryland	7	31,458	7,763	1,000	6,000	763	23,695	2,556	48	22,749	9	6,489
6	Massachusetts	29	114,686	39,725	11,800	11,500	16,425	74,961	18,921	199	111,137	39	31,506
7	Michigan	7	12,611	5,850	1,500	2,500	1,850	6,761	923	9	2,941	3	920
8	Minnesota	4	9,900	1,875	700	400	775	8,025	944	11	6,372	2	1,500
9	Missouri	6	72,646	16,540	3,000	5,000	8,540	56,106	8,841	76	44,664	14	11,886
10	New Jersey	6	142,575	86,490	13,600	36,500	36,390	56,085	4,640	125	81,036	10	16,520
11	New York	48	2,812,618	924,562	117,000	280,600	526,962	1,888,056	1,157,655	1,307	823,486	173	241,954
12	Ohio	8	159,787	25,950	----------	----------	25,950	133,837	15,032	116	61,666	17	17,480
13	Pennsylvania	35	377,115	127,830	46,000	39,000	42,830	249,285	30,019	207	115,757	42	36,668
14	Rhode Island	3	76,784	2,700	----------	----------	2,700	74,084	10,248	84	38,712	9	12,696
15	All other states (a)	6	95,967	16,680	1,300	1,400	13,980	79,287	9,950	60	30,527	12	9,918

a Includes establishments distributed as follows: Connecticut, 1; Kentucky, 1; Texas, 1; Virginia, 1; Wisconsin, 2.

361.—WIRE.

1	The United States...	24	11,607,685	5,297,694	928,655	1,505,719	2,863,320	6,309,991	447,480	7,804	4,183,802	202	323,832
2	Massachusetts	5	4,794,861	1,566,843	182,300	567,189	817,354	3,228,018	92,315	3,897	1,979,562	87	116,171
3	New York	4	162,300	60,750	----------	----------	60,750	101,550	11,930	141	119,906	12	26,746
4	Pennsylvania	7	3,096,209	1,760,130	402,500	377,250	980,380	1,336,079	114,772	1,528	842,336	34	51,940
5	All other states (a)	8	3,554,315	1,909,971	343,855	561,280	1,004,836	1,644,344	228,463	2,238	1,241,998	69	128,975

a Includes establishments distributed as follows: Connecticut, 1; Illinois, 1; Indiana, 1; Missouri, 2; New Jersey, 2; Ohio, 1.

STATES AND TERRITORIES: 1890—Continued.

357.—WHEELBARROWS.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecework ers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
4	$1,740	438	$190,623	.....	.....	7	$1,026	122	$59,540	.....	.....	.....	.....	$637,720	$1,185,565	1
1	360	80	33,082	.....	.....	1	216	16	7,190	.....	.....	.....	.....	66,012	157,240	2
.....	.....	26	12,559	.....	.....	.....	.....	5	1,550	.....	.....	.....	.....	41,644	82,087	3
3	1,380	246	110,417	.....	.....	6	810	99	50,000	.....	.....	.....	.....	455,513	795,894	4
.....	.....	22	9,000	.....	.....	.....	.....	1	160	.....	.....	.....	.....	21,722	43,216	5
.....	.....	64	25,565	.....	.....	.....	.....	1	700	.....	.....	.....	.....	52,829	107,128	6

358.—WHIPS.

4	1,310	530	261,669	156	$44,738	8	1,470	138	62,980	112	$32,285	.....	.....	821,614	2,153,818	1
2	900	208	154,813	94	30,752	7	1,320	72	38,211	71	21,268	.....	.....	444,294	1,324,058	2
.....	.....	21	14,027	8	1,282	.....	.....	19	2,627	2	416	.....	.....	31,004	83,870	3
.....	.....	1	208	.....	.....	.....	.....	.....	.....	2	500	.....	.....	1,095	3,925	4
.....	.....	78	42,005	18	4,080	.....	.....	17	10,060	27	7,983	.....	.....	154,236	290,040	5
1	260	61	21,752	28	6,514	.....	.....	.....	.....	.....	.....	.....	.....	52,830	133,824	6
1	150	48	18,713	6	1,590	1	150	25	9,970	.....	.....	.....	.....	68,022	164,476	7
.....	.....	23	10,151	2	520	.....	.....	5	2,112	10	2,118	.....	.....	70,043	153,619	8

359.—WINDMILLS.

18	8,813	1,077	541,580	4	2,005	7	1,365	22	10,825	.....	.....	.....	.....	1,123,947	2,475,050	1
.....	.....	33	25,150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73,644	125,105	2
6	3,700	263	143,269	.....	.....	.....	.....	1	60	.....	.....	.....	.....	201,362	457,228	3
2	1,150	149	72,074	3	1,645	.....	.....	10	5,940	.....	.....	.....	.....	201,710	517,714	4
.....	.....	45	16,774	.....	.....	4	780	.....	.....	.....	.....	.....	.....	23,728	67,785	5
.....	.....	18	6,361	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,385	36,058	6
5	1,968	111	47,323	.....	.....	.....	.....	3	900	.....	.....	.....	.....	164,319	367,360	7
.....	.....	38	15,805	1	300	.....	.....	.....	.....	.....	.....	.....	.....	15,421	60,600	8
1	450	78	42,583	.....	.....	2	325	8	3,925	.....	.....	.....	.....	57,218	151,050	9
.....	.....	17	7,468	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,275	17,050	10
3	1,325	303	155,163	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	304,697	580,452	11
1	220	22	9,601	.....	.....	1	260	.....	.....	.....	.....	.....	.....	60,188	88,648	12

360.—WINDOW SHADES.

16	7,999	1,523	805,563	315	105,581	17	2,829	121	82,651	49	19,631	.....	.....	5,341,874	9,239,669	1
1	600	14	10,030	3	1,080	1	182	3	1,000	.....	.....	.....	.....	47,336	84,776	2
3	2,340	72	41,004	10	4,176	2	312	9	7,700	2	600	.....	.....	321,948	532,710	3
.....	.....	6	2,740	3	780	.....	.....	.....	.....	.....	.....	.....	.....	6,500	11,500	4
1	260	28	13,500	9	2,050	.....	.....	1	450	.....	.....	.....	.....	45,730	82,910	5
3	703	78	46,199	37	10,316	.....	.....	34	19,887	8	2,526	.....	.....	304,332	486,683	6
.....	.....	5	1,896	.....	.....	.....	.....	1	125	.....	.....	.....	.....	9,371	16,292	7
.....	.....	7	4,272	2	600	.....	.....	.....	.....	.....	.....	.....	.....	20,303	34,875	8
1	312	59	32,154	2	512	.....	.....	.....	.....	.....	.....	.....	.....	55,840	120,750	9
.....	.....	97	57,392	10	2,548	.....	.....	8	4,570	.....	.....	.....	.....	166,352	331,601	10
5	3,084	859	452,078	186	67,310	.....	.....	55	44,460	29	14,600	.....	.....	3,217,009	5,812,428	11
2	700	69	37,149	17	4,438	8	1,275	.....	.....	3	624	.....	.....	255,596	392,150	12
.....	.....	134	69,250	10	3,466	6	1,060	10	4,453	5	860	.....	.....	402,807	692,004	13
.....	.....	64	22,404	11	3,612	.....	.....	.....	.....	.....	.....	.....	.....	412,290	506,700	14
.....	.....	31	15,495	15	4,693	.....	.....	.....	.....	2	421	.....	.....	75,470	134,200	15

361.—WIRE.

6	3,448	7,363	3,717,636	43	12,952	1	156	184	123,778	5	2,000	.....	.....	15,038,540	22,012,804	1
.....	.....	3,703	1,809,199	42	12,692	.....	.....	65	41,500	.....	.....	.....	.....	5,165,335	8,734,414	2
.....	.....	89	55,110	.....	.....	.....	.....	35	36,050	5	2,000	.....	.....	203,580	400,390	3
3	1,524	1,469	782,740	1	260	1	156	20	5,716	.....	.....	.....	.....	3,588,066	4,886,629	4
3	1,924	2,102	1,070,587	.....	.....	.....	.....	64	40,512	.....	.....	.....	.....	6,081,619	7,991,371	5

TABLE 5.—SPECIFIED INDUSTRIES, BY

362.—WIREWORK, INCLUDING WIRE ROPE AND CABLE. (See also Mattresses and spring beds.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
				Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
			Aggregate.	Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	569	$11,757,902	$5,178,999	$917,042	$1,379,625	$2,882,332	$6,578,903	$858,877	7,917	$3,983,209	920	$872,028
2	California	20	1,038,967	572,533	220,400	105,300	246,833	406,434	41,785	324	196,529	41	41,249
3	Connecticut	18	393,077	191,891	18,650	44,900	128,341	231,186	23,438	405	169,682	36	34,910
4	District of Columbia	3	4,361	1,750			1,750	2,611	768	9	5,148	3	2,600
5	Illinois	66	1,114,476	465,910	100,530	109,135	256,245	648,566	104,445	639	327,817	92	83,409
6	Indiana	18	189,931	48,018	4,870	17,040	26,108	141,913	41,673	91	39,381	18	14,652
7	Iowa	17	65,597	31,999	4,175	9,853	17,971	33,598	4,674	73	29,138	20	11,220
8	Kansas	18	139,111	26,337	8,127	8,793	9,417	112,774	2,816	68	30,403	17	10,602
9	Kentucky	13	353,704	140,679	30,000	46,000	64,679	213,025	14,966	363	143,237	20	22,562
10	Maryland	4	65,341	27,175	7,000	10,000	10,175	38,166	1,868	70	36,538	8	5,560
11	Massachusetts	53	2,048,656	776,747	54,250	212,150	510,347	1,271,909	160,327	1,373	616,629	105	106,105
12	Michigan	15	354,681	199,968	20,556	77,517	101,895	154,713	18,401	319	126,289	29	21,929
13	Minnesota	8	68,470	24,326	2,250	2,200	19,876	44,144	10,615	97	49,102	15	13,790
14	Missouri	21	576,875	132,995	25,200	23,400	84,395	443,880	22,341	311	167,246	55	58,420
15	Nebraska	14	132,691	34,585	1,850	1,800	30,935	98,106	18,913	72	30,963	8	9,688
16	New Jersey	14	289,904	158,577	25,500	65,500	67,577	131,327	11,856	244	132,397	27	27,165
17	New York	116	2,322,098	1,079,312	150,849	263,647	664,816	1,242,786	233,692	1,850	1,031,849	213	227,071
18	Ohio	51	654,599	306,759	50,105	137,560	119,094	347,840	45,221	642	355,335	74	52,774
19	Oregon	4	3,915	1,410			1,410	2,505	647	8	3,259	3	909
20	Pennsylvania	47	1,729,173	879,980	188,010	234,500	457,470	849,193	71,707	650	349,284	77	88,939
21	Rhode Island	9	34,680	21,200			21,200	13,480	4,835	56	29,138	14	10,410
22	Tennessee	5	24,210	5,185		100	5,085	19,025	5,600	46	18,639	8	4,072
23	Texas	7	8,430	5,540	835	1,655	3,050	2,890	232	13	3,250	2	790
24	Virginia	6	27,303	8,060	1,450	2,100	4,510	19,243	1,854	43	13,102	13	6,090
25	Wisconsin	9	80,174	22,843	1,950	4,600	16,293	57,331	10,605	102	58,956	11	9,960
26	All other states (a)	13	37,478	15,220	485	1,875	12,860	22,258	5,589	49	19,898	11	7,152

a Includes establishments distributed as follows: Arkansas, 2; Colorado, 1; Delaware, 1; Georgia, 2; Idaho, 1; Louisiana, 1; Maine, 1; New Hampshire, 2; Vermont, 2.

363.—WOOD, PRESERVING.

1	The United States (a)...	4	262,718	241,000	37,000	18,000	186,000	21,718	13,385	95	42,009	15	12,692

a Includes establishments distributed as follows: Florida, 1; New Jersey, 1; North Carolina, 1; Wisconsin, 1.

364.—WOOD, TURNED AND CARVED. (See also Lumber, planing mill products, including sash, doors, and blinds.)

1	The United States...	872	7,825,668	3,930,607	637,509	906,628	2,386,470	3,895,061	624,837	8,430	4,226,923	1,005	883,549
2	Alabama	3	4,769	3,144	200	150	2,794	1,625	459	72	10,556	5	1,708
3	California	24	31,715	11,805			11,805	19,910	7,529	78	64,134	24	22,946
4	Colorado	3	5,905	3,350		1,200	2,150	2,555	1,357	13	12,844	4	4,576
5	Connecticut	37	220,767	144,104	17,875	36,263	89,966	76,663	12,204	208	110,920	28	20,744
6	District of Columbia	5	9,660	4,000	1,500	500	2,000	5,660	696	9	6,024	6	4,524
7	Illinois	38	188,998	102,058	34,600	13,100	54,358	86,940	26,769	300	174,692	49	44,523
8	Indiana	23	917,484	419,280	29,550	127,730	262,000	498,204	36,727	609	288,045	30	23,261
9	Iowa	6	30,200	24,950	5,900	3,500	15,550	5,250	796	42	26,883	13	9,988
10	Kentucky	19	307,953	120,590	31,350	33,120	56,120	187,363	17,091	341	151,900	21	16,951
11	Maine	33	399,336	207,605	8,290	56,410	142,905	191,731	24,850	459	186,133	35	29,557
12	Maryland	13	30,675	11,505	2,000	2,650	6,855	19,170	4,207	63	25,084	14	9,036
13	Massachusetts	116	1,084,310	494,448	35,710	64,160	394,578	589,862	94,293	1,063	509,040	130	110,309
14	Michigan	46	386,925	183,354	15,905	24,758	142,691	203,571	55,220	431	200,000	58	54,197
15	Minnesota	5	5,131	2,767	500	400	1,867	2,364	947	11	7,060	3	2,800
16	Missouri	22	129,196	80,340	10,300	29,100	40,940	48,856	11,654	198	128,695	20	26,901
17	New Hampshire	19	399,255	178,300	57,250	46,800	74,250	220,955	23,449	463	175,484	26	20,407
18	New Jersey	42	337,892	164,735	28,100	52,100	84,535	173,157	21,602	330	207,507	51	41,326
19	New York	193	1,067,016	581,653	110,540	130,638	340,475	425,363	89,609	1,289	807,158	217	220,096
20	Ohio	57	637,440	311,985	62,225	60,825	188,935	325,455	89,295	720	831,053	70	66,917
21	Pennsylvania	82	720,589	388,318	96,999	82,259	209,060	332,271	39,596	751	372,702	96	66,645
22	Rhode Island	16	249,221	147,668	29,250	56,400	62,018	101,553	13,338	333	147,500	20	21,027
23	Tennessee	4	131,450	67,300	21,000	14,000	32,300	64,150	11,553	96	60,657	8	19,300
24	Vermont	28	235,793	115,167	17,225	30,325	67,617	120,626	23,062	255	95,103	20	13,239
25	Virginia	5	18,320	8,470	420	1,600	6,450	9,850	716	29	11,230	2	1,460
26	West Virginia	3	25,285	13,200	1,100	5,500	6,600	12,085	1,090	43	14,360	3	1,460
27	Wisconsin	13	113,392	43,130	3,070	9,840	30,220	70,262	8,890	92	43,810	21	14,404
28	All other states and territories. (a)	17	196,991	97,381	16,650	23,300	57,431	99,610	8,432	132	58,900	22	14,347

a Includes establishments distributed as follows: Florida, 1; Georgia, 2; Kansas, 2; Louisiana, 2; Mississippi, 1; Nebraska, 1; North Carolina, 2; Oregon, 1; South Carolina, 2; Texas, 1; Utah, 1; Washington, 1.

STATES AND TERRITORIES: 1890—Continued.

362.—WIREWORK, INCLUDING WIRE ROPE AND CABLE. (See also Mattresses and spring beds.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecoworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
43	$25,590	4,585	$2,299,385	439	$122,535	221	$39,276	1,224	$592,759	431	$115,683	54	$5,953	$8,325,435	$15,552,857	1
.....	.....	194	118,675	.....	.....	33	8,260	55	28,185	.....	.....	1	160	807,176	1,073,931	2
2	920	194	91,835	64	16,130	2	300	59	15,139	48	10,448	.....	.....	152,407	491,703	3
.....	.....	6	2,548	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,680	8,100	4
6	3,245	449	205,869	13	4,283	29	5,541	57	25,430	.....	.....	2	40	1,170,702	1,958,630	5
4	2,950	59	21,439	.....	.....	5	1,040	.....	.....	5	290	.....	.....	218,380	329,785	6
1	300	46	16,988	.....	.....	.....	.....	4	505	2	125	.....	.....	46,800	109,752	7
1	400	37	11,888	.....	.....	1	25	12	7,488	.....	.....	.....	.....	308,848	367,691	8
1	780	84	34,363	4	1,112	.....	.....	254	84,420	.....	.....	.....	.....	327,681	679,770	9
.....	.....	58	29,886	.....	.....	.....	.....	4	1,092	.....	.....	.....	.....	27,487	78,668	10
8	3,507	680	307,428	199	60,082	43	6,234	129	79,711	176	50,334	33	3,228	970,201	2,054,282	11
1	364	248	90,794	2	508	19	2,070	20	10,624	.....	.....	.....	.....	192,836	453,730	12
1	480	51	26,233	7	884	.....	.....	13	6,215	.....	.....	19	1,509	67,442	149,234	13
1	300	189	95,359	5	1,476	13	2,371	8	5,720	40	3,600	.....	.....	263,957	526,865	14
.....	.....	64	21,275	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	178,157	245,418	15
4	1,800	99	46,766	15	2,944	5	600	81	50,172	13	2,950	.....	.....	142,324	326,951	16
9	9,579	1,071	560,278	67	18,838	17	3,111	357	176,827	114	35,629	2	525	1,669,483	3,546,161	17
1	600	462	244,747	13	2,784	5	875	85	53,079	2	485	.....	.....	877,610	1,361,181	18
.....	.....	5	2,350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,510	22,428	19
2	974	371	185,705	48	12,894	46	8,224	69	40,136	31	11,912	6	500	738,921	1,478,453	20
.....	.....	41	18,428	1	300	.....	.....	.....	.....	.....	.....	.....	.....	21,217	58,840	21
.....	.....	35	13,942	.....	.....	3	625	.....	.....	.....	.....	.....	.....	15,500	43,123	22
.....	.....	11	2,460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,575	12,000	23
.....	.....	25	6,612	.....	.....	.....	.....	5	400	.....	.....	.....	.....	14,839	42,590	24
1	300	79	40,806	1	300	.....	.....	10	7,590	.....	.....	.....	.....	72,685	170,450	25
.....	.....	36	12,621	.....	.....	.....	.....	2	125	.....	.....	.....	.....	17,817	59,115	26

363.—WOOD, PRESERVING.

.....	.....	80	29,317	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50,697	143,475	1

364.—WOOD, TURNED AND CARVED. (See also Lumber, planing mill products, including sash, doors, and blinds.)

23	9,821	6,425	3,050,088	173	32,372	227	33,847	449	200,643	117	15,116	11	1,487	3,947,227	10,939,647	1
.....	.....	38	6,482	30	2,316	1	50	.....	.....	.....	.....	.....	.....	2,914	14,400	2
.....	.....	49	39,388	.....	.....	3	770	2	1,930	.....	.....	.....	.....	16,211	101,867	3
.....	.....	9	8,268	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,630	24,600	4
1	225	154	75,406	3	620	.....	.....	22	13,925	.....	.....	.....	.....	109,479	280,775	5
.....	.....	3	1,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,485	11,660	6
.....	.....	238	126,277	.....	.....	6	962	7	2,930	.....	.....	.....	.....	121,616	401,309	7
2	700	495	239,993	22	4,120	18	1,759	42	18,221	.....	.....	.....	.....	351,380	913,524	8
.....	.....	27	15,650	.....	.....	.....	.....	2	745	.....	.....	.....	.....	13,804	48,279	9
.....	.....	243	99,174	.....	.....	3	609	74	35,175	.....	.....	.....	.....	248,605	504,990	10
1	350	285	113,561	43	9,352	5	759	55	27,972	35	5,491	.....	.....	419,699	709,606	11
.....	.....	46	15,606	2	300	1	52	.....	.....	.....	.....	.....	.....	25,461	72,088	12
4	1,756	879	384,931	15	3,910	24	2,997	17	5,725	.....	.....	3	312	386,966	1,205,462	13
4	1,014	331	137,687	.....	.....	27	4,954	6	1,902	2	480	3	675	133,879	472,650	14
1	800	7	3,490	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,635	12,485	15
.....	.....	161	100,494	.....	.....	8	1,309	.....	.....	.....	.....	.....	.....	165,807	367,365	16
.....	.....	359	137,372	6	782	53	7,873	19	9,050	.....	.....	.....	.....	130,965	400,309	17
.....	.....	244	157,112	.....	.....	27	4,393	8	4,676	.....	.....	.....	.....	124,284	389,711	18
2	444	971	559,689	4	1,078	4	633	41	21,455	50	2,863	.....	.....	517,617	1,708,222	19
2	1,800	562	238,443	11	1,725	4	620	59	19,460	12	2,088	.....	.....	419,942	1,069,238	20
2	900	563	278,476	20	3,189	15	1,710	41	19,368	9	1,914	5	500	262,779	886,990	21
3	1,292	285	118,895	13	4,029	12	2,266	.....	.....	.....	.....	.....	.....	147,505	325,790	22
.....	.....	59	31,420	.....	.....	5	937	24	9,000	.....	.....	.....	.....	59,030	247,540	23
.....	.....	199	71,185	4	960	7	1,680	16	5,759	9	2,280	.....	.....	114,742	289,272	24
.....	.....	24	9,230	.....	.....	.....	.....	3	540	.....	.....	.....	.....	15,195	32,500	25
.....	.....	40	12,900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,821	59,535	26
1	540	57	24,408	.....	.....	3	298	10	4,160	.....	.....	.....	.....	53,192	161,130	27
.....	.....	108	43,951	.....	.....	1	152	1	450	.....	.....	.....	.....	86,584	238,250	28

TABLE 5.—SPECIFIED INDUSTRIES, BY

365.—WOODENWARE, NOT ELSEWHERE SPECIFIED.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 18 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	167	$2,711,609	$1,474,902	$319,668	$506,545	$648,689	$1,236,707	$200,961	3,101	$1,237,334	211	$182,411
2	Georgia	3	17,015	13,325	2,000	800	10,525	3,690	1,489	18	6,516	3	976
3	Indiana	5	182,250	72,050	10,050	31,500	30,500	110,200	12,268	266	116,365	19	16,050
4	Maine	4	196,409	119,320	31,020	21,150	67,150	77,089	12,662	87	46,051	6	3,380
5	Massachusetts	15	427,035	188,335	31,835	96,900	59,600	238,700	26,301	527	207,237	19	13,738
6	Michigan	7	174,754	99,282	22,900	27,256	49,126	75,472	23,930	324	115,673	13	10,978
7	Minnesota	7	125,385	72,255	21,880	27,250	23,125	53,130	10,394	120	63,800	12	10,460
8	Missouri	5	198,881	132,785	30,050	50,100	52,635	66,096	10,668	244	99,786	9	19,700
9	Nebraska	3	16,410	11,775	2,060	5,300	4,415	4,635	627	23	8,495	5	2,382
10	New Hampshire	10	130,349	65,800	4,800	27,400	33,600	64,549	5,846	105	44,313	8	4,802
11	New Jersey	3	2,430	1,400	300	700	400	1,030	185	3	1,404	3	1,404
12	New York	32	240,016	137,990	30,955	44,800	62,235	102,026	20,914	245	117,880	38	30,181
13	Ohio	13	231,931	128,961	16,578	32,974	79,409	102,970	36,716	318	120,555	24	21,973
14	Pennsylvania	15	291,911	171,624	71,200	55,000	45,424	120,287	15,096	173	82,877	16	11,821
15	Vermont	24	60,445	36,730	4,480	11,500	20,750	23,715	2,606	95	32,857	16	7,786
16	Wisconsin	9	165,520	54,735	6,960	27,350	20,425	110,785	5,347	112	48,217	14	11,535
17	All other states (a)	12	250,868	168,535	32,600	46,565	89,370	82,333	15,912	441	125,308	15	15,245

a Includes establishments distributed as follows: Alabama, 2; California, 1; Illinois, 2; Iowa, 1; Maryland, 1; North Carolina, 1; Oregon, 1; Tennessee, 1; Virginia, 1; West Virginia, 1.

366.—WOOL HATS. (See special report on Wool manufacture in Part III.)

1	The United States...	32	4,142,224	1,194,389	144,350	381,105	668,934	2,947,835	249,568	3,592	1,363,944	89	112,664
2	Massachusetts	7	1,043,590	324,439	21,000	104,705	198,734	719,151	79,247	1,045	482,602	26	42,627
3	New York	5	1,444,767	520,000	67,000	158,000	295,000	924,767	54,233	997	361,512	21	37,892
4	Pennsylvania	17	1,048,804	261,450	41,350	73,400	146,700	787,354	58,490	1,049	330,050	35	22,445
5	All other states (a)	3	605,063	88,500	15,000	45,000	28,500	516,563	57,598	501	189,780	7	9,700

a Includes establishments distributed as follows: Connecticut, 2; Maine, 1.

367.—WOOLEN GOODS. (See also Carpets and rugs, other than rag; Felt goods; Gloves and mittens; Hosiery and knit goods, and special report on Wool manufacture in Part III.)

1	The United States...	1,311	130,989,940	57,820,243	6,534,819	19,332,575	31,952,849	73,169,697	8,402,623	79,351	28,478,931	2,355	2,310,323
2	Alabama	6	18,325	15,250	3,800	1,750	9,700	3,075	419	16	3,125	3	1,025
3	Arkansas	6	27,435	21,800	1,750	6,050	14,000	5,635	752	31	6,231	9	2,950
4	California	8	2,618,480	1,540,103	170,300	432,705	937,098	1,078,377	168,324	1,264	287,658	42	41,590
5	Connecticut	55	10,188,042	4,614,627	462,050	1,862,474	2,290,103	5,573,415	614,561	5,173	2,035,462	103	153,943
6	Delaware	3	450,974	257,000	33,500	80,000	143,500	193,974	27,404	297	103,395	7	11,298
7	Georgia	14	298,539	208,440	19,222	94,525	94,693	90,099	10,887	179	32,401	17	9,367
8	Illinois	23	1,649,918	600,939	68,775	193,864	338,300	1,048,979	110,159	914	313,780	49	40,783
9	Indiana	45	2,880,114	1,365,795	83,437	366,859	915,499	1,514,319	232,105	2,103	600,062	99	83,442
10	Iowa	14	694,600	293,800	31,450	83,350	179,000	400,800	40,050	378	133,240	36	28,200
11	Kentucky	40	2,560,737	1,211,056	69,935	309,960	831,161	1,349,681	176,755	1,803	554,544	76	77,266
12	Maine	75	8,338,864	3,503,276	327,725	1,377,050	1,798,501	4,835,588	472,848	4,323	1,629,888	113	122,656
13	Maryland	9	372,875	228,600	32,200	75,800	120,600	144,275	14,442	383	123,931	7	4,450
14	Massachusetts	165	34,911,187	13,653,662	1,671,678	5,217,380	6,764,604	21,257,525	2,618,078	19,813	7,586,575	353	465,763
15	Michigan	32	943,598	383,464	23,900	119,531	240,033	560,134	42,713	518	156,128	38	21,213
16	Minnesota	21	563,771	374,861	143,350	114,175	117,336	188,910	46,211	341	120,967	24	18,305
17	Mississippi	7	1,553,455	876,030	64,650	201,950	609,430	677,425	18,054	1,082	306,270	13	11,280
18	Missouri	35	720,616	475,428	68,759	143,808	262,861	245,188	29,775	510	122,410	52	24,472
19	New Hampshire	46	7,540,233	2,882,643	330,825	938,618	1,613,200	4,657,590	483,598	4,189	1,643,168	99	137,557
20	New Jersey	21	3,810,832	1,987,064	355,275	662,625	969,164	1,823,768	405,715	4,228	1,481,315	62	77,857
21	New York	91	7,243,380	4,295,243	443,070	1,400,417	2,451,756	2,948,137	353,245	2,969	1,046,778	130	99,287
22	North Carolina	27	339,088	184,530	30,980	44,800	108,750	154,558	14,758	324	65,329	25	10,411
23	Ohio	64	1,609,574	782,951	78,715	242,589	461,647	826,623	100,326	1,032	294,365	85	57,824
24	Oregon	6	1,350,585	342,820	54,600	96,306	191,914	1,007,765	86,906	402	175,313	44	32,775
25	Pennsylvania	264	21,671,137	10,266,284	1,123,223	3,020,191	6,122,870	11,404,853	1,356,208	16,061	5,729,982	462	428,404
26	Rhode Island	40	9,360,927	3,476,501	288,396	944,200	2,243,905	5,884,426	530,535	6,028	2,297,416	116	135,784
27	Tennessee	49	1,393,679	672,013	70,545	180,210	421,258	721,666	56,263	998	239,657	69	48,530
28	Texas	4	371,270	256,130	62,005	44,050	150,075	115,140	17,333	359	138,795	17	18,115
29	Utah	9	579,209	282,125	31,625	83,500	167,000	297,084	27,155	274	104,156	15	13,505
30	Vermont	29	3,304,382	1,268,110	158,285	505,625	604,200	2,036,272	178,385	1,585	625,440	44	42,475
31	Virginia	35	845,221	421,737	65,310	127,475	228,943	423,484	43,972	444	117,023	44	22,855
32	West Virginia	30	336,281	167,270	15,295	54,400	97,575	169,011	15,418	287	61,919	33	11,462
33	Wisconsin	32	2,333,700	850,491	137,080	291,838	421,573	1,483,209	104,226	982	324,772	64	52,550
34	All other states (a)	6	108,912	60,200	13,100	14,500	32,600	48,712	5,043	61	17,436	5	2,839

a Includes establishments distributed as follows: Idaho, 1; Kansas, 1; Louisiana, 1; South Carolina, 1; South Dakota, 2.

STATES AND TERRITORIES: 1890—Continued.

365.—WOODENWARE, NOT ELSEWHERE SPECIFIED.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Pieceworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
9	$4,510	1,969	$772,335	14	$3,436	81	$11,415	638	$242,607	117	$15,966	62	$4,654	$1,498,773	$3,597,602	1
.....	.....	12	5,040	.....	.....	3	500	.....	.....	.....	.....	.....	.....	14,855	27,350	2
.....	.....	192	75,614	12	2,500	19	3,001	31	18,850	2	350	.....	.....	100,135	324,793	3
.....	.....	67	37,296	.....	.....	.....	.....	14	5,375	.....	.....	.....	.....	71,640	180,730	4
2	1,200	199	85,989	.....	.....	.....	.....	301	105,760	1	150	5	400	209,118	506,852	5
1	390	236	80,256	1	520	5	546	58	21,050	5	1,656	5	277	176,503	356,872	6
1	420	93	41,400	.....	.....	.....	.....	14	11,520	.....	.....	.....	.....	80,510	184,611	7
.....	.....	141	48,902	.....	.....	12	2,184	57	26,000	.....	.....	25	3,000	123,013	289,566	8
.....	.....	9	3,313	.....	.....	.....	.....	6	1,399	3	1,500	.....	.....	12,940	25,210	9
.....	.....	75	31,929	.....	.....	2	250	20	7,332	.....	.....	.....	.....	48,973	111,307	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	733	2,909	11
1	785	182	83,528	.....	.....	.....	.....	24	3,386	.....	.....	.....	.....	105,340	283,825	12
2	1,420	262	86,962	.....	.....	13	1,800	17	8,460	.....	.....	.....	.....	209,989	516,956	13
1	195	126	57,427	1	416	6	429	21	12,549	.....	.....	2	40	139,189	266,772	14
.....	.....	76	24,246	.....	.....	.....	.....	3	825	.....	.....	.....	.....	23,669	82,195	15
.....	.....	82	33,927	.....	.....	11	1,205	5	1,550	.....	.....	.....	.....	64,596	144,951	16
1	100	217	76,506	.....	.....	10	1,500	67	18,710	106	12,310	25	937	117,570	293,903	17

366.—WOOL HATS. (See special report on Wool manufacture in Part III.)

3	1,304	1,559	619,609	523	118,547	150	16,948	661	360,424	598	133,114	9	1,337	2,802,041	5,329,921	1
2	1,124	519	248,575	194	55,271	35	4,555	158	99,197	111	31,253	.....	.....	829,263	1,700,486	2
.....	.....	370	147,114	44	8,781	36	5,595	241	106,912	276	53,881	9	1,337	860,937	1,489,132	3
1	180	464	138,850	148	24,827	79	6,798	189	111,175	133	25,775	.....	.....	747,700	1,444,180	4
.....	.....	206	85,067	137	29,668	.....	.....	73	43,140	78	22,205	.....	.....	364,141	690,123	5

367.—WOOLEN GOODS. (See also Carpets and rugs, other than rag; Felt goods; Gloves and mittens; Hosiery and knit goods, and special report on Wool manufacture in Part III.)

81	29,414	40,350	16,307,265	25,672	7,120,875	4,367	668,963	1,780	752,058	4,487	1,250,399	259	39,634	82,270,335	133,577,977	1
.....	.....	8	1,440	4	480	.....	.....	.....	.....	1	180	.....	.....	10,997	17,150	2
.....	.....	7	1,385	12	1,740	3	156	.....	.....	.....	.....	.....	.....	28,030	58,360	3
.....	.....	872	192,358	303	44,915	24	1,554	8	2,053	15	5,188	.....	.....	788,916	1,325,033	4
1	500	3,120	1,286,571	1,679	528,325	141	24,877	43	20,670	82	19,614	4	962	5,753,095	9,082,493	5
2	1,000	87	34,778	37	7,365	39	4,426	52	25,220	73	19,308	.....	.....	295,605	482,022	6
.....	.....	64	12,896	55	6,183	25	1,570	.....	.....	16	2,260	2	125	95,999	173,245	7
.....	.....	418	164,511	381	96,467	24	2,361	15	4,035	24	5,523	3	100	789,310	1,299,506	8
7	2,887	774	268,334	752	151,845	108	10,389	18	4,912	343	77,953	2	300	1,850,809	2,989,182	9
2	560	147	57,692	153	38,377	16	2,045	3	1,200	21	5,076	.....	.....	505,503	695,218	10
2	740	716	239,746	637	161,283	178	25,105	1	144	193	50,260	.....	.....	1,365,246	2,351,117	11
3	885	2,570	1,046,420	1,336	373,517	88	14,859	68	31,525	145	40,026	.....	.....	4,960,119	7,521,317	12
.....	.....	190	66,975	118	37,991	68	14,515	.....	.....	.....	.....	.....	.....	424,855	579,516	13
8	3,766	11,507	4,756,473	6,010	1,837,059	707	122,174	412	173,235	708	208,924	108	19,181	21,815,199	35,771,161	14
2	450	244	82,600	171	37,611	29	2,918	6	1,493	26	9,628	2	120	529,515	844,652	15
1	720	168	63,581	76	14,915	1	96	1	100	70	23,250	.....	.....	309,378	539,995	16
.....	.....	389	151,416	384	92,800	224	27,742	13	6,369	59	16,663	.....	.....	508,039	924,185	17
2	816	202	54,098	168	32,285	59	5,240	7	2,099	20	3,400	.....	.....	311,881	548,457	18
4	1,781	2,356	998,828	1,476	445,732	154	27,546	26	10,382	59	18,510	15	2,832	4,834,446	8,004,264	19
1	1,300	1,990	854,706	1,963	503,487	78	12,886	1	767	87	18,167	46	6,145	3,281,979	5,652,166	20
1	780	1,354	559,113	984	261,328	191	31,072	33	13,414	267	80,576	9	1,208	2,930,932	5,188,020	21
.....	.....	141	32,512	112	17,708	29	3,193	4	375	13	1,130	.....	.....	198,358	308,946	22
1	400	422	125,901	359	74,663	60	8,109	31	12,650	74	14,818	.....	.....	962,270	1,513,302	23
.....	.....	164	77,961	31	6,087	23	3,625	37	18,507	103	36,358	.....	.....	327,502	614,932	24
37	11,204	6,980	2,956,984	4,761	1,308,727	1,490	231,402	817	347,500	1,464	438,188	50	7,573	19,198,990	29,878,010	25
.....	.....	3,174	1,352,538	1,873	589,129	349	61,799	129	54,608	383	103,154	4	404	6,042,754	9,884,945	26
2	90	356	98,887	415	76,074	116	12,601	3	185	29	2,800	8	490	760,036	1,216,419	27
.....	.....	113	56,800	156	40,150	41	5,580	12	7,600	20	10,550	.....	.....	188,607	359,230	28
.....	.....	150	66,434	95	23,383	14	834	.....	.....	.....	.....	.....	.....	163,864	338,534	29
.....	.....	893	383,364	575	181,466	36	5,152	10	4,695	26	8,138	1	150	1,435,163	2,723,683	30
1	140	240	69,921	115	18,060	30	3,982	9	1,511	4	545	1	9	375,175	909,809	31
1	50	129	31,117	82	13,688	11	424	9	2,139	22	3,048	.....	.....	202,801	328,800	32
2	1,020	382	152,188	371	86,520	7	621	12	4,674	140	27,164	4	35	978,479	1,669,944	33
1	325	23	8,647	28	5,515	4	110	.....	.....	.....	.....	.....	.....	46,483	104,364	34

TABLE 5.—SPECIFIED INDUSTRIES, BY

368.—WORSTED GOODS. (See special report on Wool manufacture in Part III.)

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.			
			Aggregate.	Plant.				Live assets.		Aggregates.		Officers, firm members, and clerks.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.					Males above 16 years.	
										Average number.	Total wages.	Number.	Wages.
1	The United States...	143	$68,085,116	$27,890,810	$2,842,769	$7,962,865	$17,085,176	$40,194,306	$4,917,760	43,593	$15,880,183	587	$923,838
2	Connecticut.....	10	5,263,201	1,905,153	239,666	570,400	1,095,087	3,358,048	405,369	2,261	875,372	27	42,101
3	Massachusetts.....	33	21,204,909	8,728,179	1,007,575	2,775,173	4,945,431	12,476,730	1,491,042	12,021	4,556,997	167	308,489
4	New Hampshire.....	4	4,295,688	1,125,440	69,000	197,000	859,440	3,170,248	129,869	1,963	678,552	11	17,270
5	New Jersey.....	6	1,305,271	653,472	38,500	181,500	433,472	651,799	91,406	954	284,102	17	12,660
6	New York.....	16	5,615,875	2,085,099	217,509	485,968	1,351,622	3,530,776	342,073	3,953	1,481,194	83	138,216
7	Pennsylvania.....	41	13,929,489	5,432,681	522,500	1,290,684	3,619,497	8,496,808	975,930	9,453	3,350,113	134	176,973
8	Rhode Island.....	28	14,949,166	7,240,767	657,519	2,273,203	4,310,045	7,708,399	1,337,472	11,757	4,263,968	126	196,017
9	All other states (a).....	5	1,521,517	720,019	60,500	188,937	470,582	801,498	144,599	1,231	389,885	22	32,112

a Includes establishments distributed as follows: Kentucky, 2; Maine, 1; Ohio, 1; Wisconsin, 1.

369.—ZINC.

1	The United States...	8	1,007,320	553,500	80,000	168,000	305,500	453,820	76,723	1,082	653,096	30	38,270
2	Kansas.....	4	218,000	96,000	13,000	63,000	20,000	122,000	4,220	348	223,970	7	7,200
3	All other states (a).....	4	789,320	457,500	67,000	105,000	285,500	331,820	72,503	734	429,126	23	31,070

a Includes establishments distributed as follows: Illinois, 2; Missouri, 2.

ALL OTHER INDUSTRIES. (a)

(Industries for which less than 3 establishments were reported are included under this head.)

1	The United States.....	12	2,952,222	2,036,050	179,276	704,919	1,151,855	916,172	219,518	1,748	622,080	43	59,848

a Includes establishments distributed as follows: fuel, artificial, 2 (Minnesota, 1; New Hampshire, 1); phonographs and graphophones, 2 (Connecticut, 1; New York 1); racking hose, 1 (Illinois, 1); rubber, vulcanized, 1 (New York, 1); sugar and molasses, beet, 2 (California, 2); thread, linen, 2 (Massachusetts, 1; New Jersey, 1); tinfoil, 2 (Illinois, 1; Missouri, 1).

STATES AND TERRITORIES: 1890—Continued.

368.—WORSTED GOODS. (See special report on Wool manufacture in Part III.)

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks—Cont'd.		Operatives, skilled and unskilled.						Piecesworkers.								
Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
28	$11,379	17,962	$7,898,033	17,727	$5,089,269	3,791	$631,174	1,109	$532,592	2,355	$788,448	34	$5,450	$50,706,769	$79,194,652	1
.....	.....	1,240	547,579	662	206,700	152	29,548	111	32,440	69	17,004	.....	.....	2,814,186	4,651,402	2
19	8,861	5,154	2,259,305	5,054	1,483,063	716	124,164	308	148,015	602	224,900	1	200	14,259,116	21,933,775	3
.....	.....	739	308,998	1,188	348,612	15	2,472	.....	.....	10	1,200	.....	.....	2,080,295	2,764,976	4
.....	.....	318	132,711	503	104,301	78	13,650	10	8,290	28	12,490	.....	.....	1,417,167	2,058,662	5
.....	.....	1,515	674,201	1,543	440,547	285	51,317	174	69,210	353	107,703	.....	.....	3,470,580	5,763,102	6
4	1,136	3,185	1,447,397	4,104	1,108,360	1,057	173,828	310	190,965	655	256,554	4	900	11,539,880	17,861,776	7
3	1,022	5,277	2,335,433	4,322	1,320,143	1,345	217,195	122	51,271	533	138,537	29	4,350	13,932,912	22,319,684	8
2	360	534	192,409	351	77,543	143	19,000	74	32,401	105	36,060	.....	.....	1,192,633	1,841,275	9

369.—ZINC.

.....	.....	1,047	613,926	.....	.....	3	700	2	200	.....	.....	.....	.....	2,005,682	2,976,730	1
.....	.....	339	216,570	.....	.....	.....	.....	2	200	.....	.....	.....	.....	637,000	963,500	2
.....	.....	708	397,356	.....	.....	3	700	.....	.....	.....	.....	.....	.....	1,368,682	2,013,230	3

ALL OTHER INDUSTRIES. (a)

(Industries for which less than 3 establishments were reported are included under this head.)

6	2,600	695	352,476	718	159,404	38	4,940	40	4,616	208	38,196	.....	.....	1,773,808	3,142,145	1

TABLE 6.

MANUFACTURES IN STATES AND TERRITORIES, BY SPECIFIED INDUSTRIES AND BY COUNTIES: 1890.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

["Live assets" include raw materials, stock in process, and finished products on hand; cash, and bills and accounts receivable. "Miscellaneous expenses" include used in the business, and all sundries not elsewhere reported. "Cost of materials

ALABAMA.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	2,977	$46,122,571	$33,837,084	$6,222,432	$6,487,089	$21,128,463	$12,284,587	$2,797,896	33,821	$12,676,029
2	Agricultural implements	3	14,475	8,250	1,800	2,100	4,350	6,225	362	14	7,748
3	Awnings, tents, and sails	5	3,400	1,250	.....	.....	1,250	2,150	1,011	9	3,076
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	198	141,791	70,223	23,195	20,123	26,905	71,568	14,316	346	123,945
5	Bookbinding and blank-book making. (See also Printing and publishing.)	4	7,660	5,300	.....	.....	5,300	2,360	949	13	6,169
6	Boots and shoes, custom work and repairing.	94	44,363	21,483	3,760	5,285	12,438	22,880	11,001	156	70,778
7	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	3	10,055	7,105	.....	2,100	5,005	2,950	1,711	12	3,241
8	Brass castings and brass finishing	3	22,110	8,210	3,500	2,610	2,100	13,900	317	21	11,939
9	Bread and other bakery products	33	153,832	109,974	34,300	39,400	36,274	43,858	17,834	178	76,022
10	Brick and tile. (See also Clay and pottery products.)	59	705,168	463,743	107,658	147,570	208,515	241,425	63,364	1,579	350,689
11	Brooms and brushes	3	2,616	1,285	.....	.....	1,285	1,331	598	24	8,408
12	Carpentering	99	278,573	58,005	22,875	12,875	22,255	220,568	106,903	895	463,548
13	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	54	456,185	208,135	72,855	69,875	65,405	248,050	20,682	429	201,240
14	Cars and general shop construction and repairs by steam railroad companies.	12	909,911	698,960	151,130	275,330	272,500	210,951	.....	1,377	763,954
15	Cars, steam railroad, not including operations of railroad companies.	3	1,950,044	1,473,822	370,000	685,767	418,055	476,222	49,760	917	542,549
16	Clay and pottery products. (See also Brick and tile.)	11	37,208	32,330	22,850	4,375	5,105	4,878	833	62	15,387
17	Clothing, men's, custom work and repairing.	38	173,319	17,865	2,700	6,500	8,665	155,454	26,316	286	184,675
18	Clothing, men's, factory product	3	78,463	14,285	1,600	6,006	6,779	64,178	3,156	172	31,360
19	Clothing, women's, dressmaking	102	60,464	25,463	9,200	7,760	8,503	35,001	17,270	405	128,147
20	Coffins and burial cases, trimming and finishing.	10	16,390	4,625	800	1,400	2,425	11,765	2,038	16	8,990
21	Coffins, burial cases, and undertakers' goods.	3	2,425	60	.....	.....	60	2,365	324	0	2,580
22	Coke	19	1,368,238	1,338,792	39,425	44,425	1,254,942	29,446	7,994	1,128	436,948
23	Confectionery	16	56,616	9,231	1,700	2,700	4,831	47,385	6,085	60	23,453
24	Cotton, ginning	212	289,228	281,618	29,951	69,700	181,967	7,610	14,263	896	75,540
25	Cotton goods. (See also Hosiery and knit goods.)	13	2,853,015	1,852,950	160,450	630,200	1,062,300	1,000,065	154,893	2,137	447,173
26	Dentistry, mechanical	20	15,539	6,950	.....	.....	6,950	8,589	3,004	29	11,547
27	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	10	14,175	5,125	2,000	1,000	2,125	9,050	2,123	24	10,858
28	Dyeing and cleaning	7	9,345	5,990	500	500	4,990	3,355	3,135	32	15,214
29	Fertilizers. (See also Chemicals.)	8	709,250	175,700	7,100	74,500	94,100	533,550	48,715	251	60,310
30	Flouring and grist mill products	702	1,410,730	1,201,673	215,227	370,585	615,861	209,057	56,535	1,442	266,459
31	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	41	2,355,253	1,618,153	468,062	517,730	632,361	737,100	113,262	1,551	844,944
32	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	9	9,120	5,780	2,150	1,750	1,880	3,340	1,911	23	12,199
33	Furniture, factory product. (See also Furniture, chairs.)	3	32,905	18,850	1,600	4,300	12,950	14,055	1,681	43	17,280
34	Gas, illuminating and heating	7	825,988	763,200	55,500	187,800	519,900	62,788	16,050	75	49,423
35	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	3	94,373	61,223	3,300	20,000	37,923	33,150	3,422	412	64,838
36	Ice, artificial	18	508,460	486,850	85,100	49,550	352,200	21,610	21,927	247	86,650
37	Iron and steel	35	17,879,583	14,114,655	1,716,754	1,953,823	10,444,078	3,764,928	1,089,690	5,878	2,522,008
38	Leather, tanned and curried	21	38,045	15,040	4,750	6,550	3,740	23,005	1,546	51	11,314
39	Lime and cement	11	226,000	168,300	81,250	42,200	44,850	57,700	15,517	356	106,040
40	Liquors, malt	3	438,000	298,000	41,000	90,000	167,000	140,000	88,046	102	76,240
41	Lock and gun smithing	12	13,430	10,415	1,400	1,850	7,165	3,015	2,328	24	14,780
42	Looking-glass and picture frames	3	2,800	400	.....	.....	400	2,400	626	6	2,096
43	Lumber and other mill products from logs or bolts.	437	7,225,170	5,455,940	1,865,031	589,694	3,001,215	1,769,230	291,915	6,123	1,836,721
44	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	47	798,195	464,015	173,030	94,210	196,775	334,180	27,861	714	344,614
45	Marble and stone work. (See also Monuments and tombstones.)	5	60,782	27,250	11,300	4,200	11,750	33,532	2,479	45	30,481
46	Masonry, brick and stone. (See also Plastering and stucco work.)	31	232,124	27,295	9,400	8,125	9,770	204,829	31,029	390	396,995

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890.

rent for tenancy; taxes (including internal revenue); insurance; repairs, ordinary, of buildings and machinery; amount paid contractors; interest paid on cash used" also includes fuel, rent of power and heat, and mill supplies.]

ALABAMA.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecoworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2,553	$1,821,211	131	$55,071	25,816	$9,347,285	1,649	$385,534	1,344	$143,015	2,032	$883,756	215	$31,076	81	$9,081	$28,432,281	$51,226,605	1
2	1,500	.....	.....	12	6,248	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,368	16,218	2
1	780	.....	.....	6	1,896	1	300	.....	.....	1	100	.....	.....	.....	.....	4,338	15,500	3
126	55,477	.....	.....	208	66,393	.....	.....	4	439	8	1,636	.....	.....	.....	.....	60,794	259,164	4
3	2,600	.....	.....	4	2,370	6	1,199	.....	.....	.....	.....	.....	.....	.....	.....	5,417	14,556	5
61	28,787	.....	.....	65	28,015	3	910	.....	.....	27	13,066	.....	.....	.....	.....	49,305	158,284	6
3	1,235	.....	.....	8	1,850	.....	.....	1	156	.....	.....	.....	.....	.....	.....	8,770	15,226	7
6	4,555	.....	.....	15	7,384	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,333	59,950	8
35	22,845	11	2,652	114	45,577	3	676	1	72	.....	.....	14	4,200	.....	.....	233,405	473,699	9
48	30,446	.....	.....	1,306	284,005	7	784	136	16,796	65	16,762	6	60	11	1,836	160,754	778,950	10
4	2,000	.....	.....	10	3,300	.....	.....	4	404	6	2,704	.....	.....	.....	.....	5,679	21,540	11
91	66,270	.....	.....	747	382,046	.....	.....	3	342	54	14,890	.....	.....	.....	.....	838,234	1,550,020	12
46	32,812	1	480	359	159,692	.....	.....	7	1,050	16	7,206	.....	.....	.....	.....	324,661	621,246	13
4	2,820	.....	.....	1,372	760,774	1	360	.....	.....	.....	.....	.....	.....	.....	.....	784,304	1,581,207	14
22	15,890	2	1,104	625	323,200	.....	.....	.....	.....	268	202,355	.....	.....	.....	.....	1,287,806	2,023,930	15
6	2,693	.....	.....	40	10,880	.....	.....	11	618	5	1,196	.....	.....	.....	.....	3,803	23,381	16
39	35,530	.....	.....	60	47,990	32	10,662	2	137	140	88,230	13	2,126	.....	.....	199,716	489,268	17
3	4,200	.....	.....	13	5,760	41	9,000	.....	.....	25	4,800	75	5,200	15	1,800	136,875	193,800	18
3	2,100	61	26,490	.....	.....	330	97,391	.....	.....	2	100	9	2,066	.....	.....	230,375	465,305	19
6	3,846	.....	.....	10	5,144	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,390	22,315	20
2	1,170	.....	.....	4	1,410	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,179	8,180	21
8	4,805	.....	.....	376	138,645	.....	.....	15	2,340	709	287,808	.....	.....	20	3,350	1,810,274	2,474,377	22
19	9,970	4	706	30	9,642	2	225	1	30	4	2,880	.....	.....	.....	.....	69,535	135,572	23
103	18,304	1	75	741	54,746	17	1,043	16	499	13	517	2	56	3	300	35,982	213,529	24
48	43,865	1	400	708	182,393	793	162,401	473	41,496	27	5,806	59	9,283	28	1,529	1,459,048	2,190,771	25
19	9,935	.....	.....	9	1,537	1	75	.....	.....	.....	.....	.....	.....	.....	.....	5,474	25,754	26
15	7,037	.....	.....	9	3,821	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,595	31,318	27
5	3,430	1	480	18	9,624	8	1,680	.....	.....	.....	.....	.....	.....	.....	.....	2,436	26,825	28
21	17,475	.....	.....	230	42,835	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	519,713	765,000	29
399	109,325	.....	.....	1,012	155,243	3	180	6	282	22	1,429	.....	.....	.....	.....	2,471,828	3,060,452	30
88	107,550	3	1,392	1,325	683,033	.....	.....	36	5,691	99	47,278	.....	.....	.....	.....	817,023	2,195,913	31
8	4,520	.....	.....	11	6,404	.....	.....	1	200	3	1,075	.....	.....	.....	.....	7,690	25,840	32
4	2,480	.....	.....	36	14,200	.....	.....	3	600	.....	.....	.....	.....	.....	.....	10,126	41,100	33
13	15,880	.....	.....	92	33,543	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36,928	206,623	34
3	2,028	.....	.....	22	8,896	129	28,116	250	24,300	.....	.....	8	1,498	.....	.....	103,893	190,725	35
31	20,360	.....	.....	215	66,116	.....	.....	1	180	.....	.....	.....	.....	.....	.....	41,501	318,028	36
193	319,044	.....	.....	5,638	2,197,246	.....	.....	47	5,718	.....	.....	.....	.....	.....	.....	7,425,344	12,544,227	37
10	3,317	.....	.....	36	7,622	1	150	1	50	3	175	.....	.....	.....	.....	42,539	77,066	38
10	8,391	.....	.....	322	92,101	.....	.....	14	1,548	10	4,000	.....	.....	.....	.....	58,158	214,540	39
13	21,500	.....	.....	83	53,180	.....	.....	6	1,560	.....	.....	.....	.....	.....	.....	140,609	344,986	40
10	6,076	.....	.....	12	7,104	.....	.....	.....	.....	2	1,600	.....	.....	.....	.....	5,102	28,986	41
4	1,696	.....	.....	2	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,812	6,700	42
378	234,607	3	1,720	5,469	1,557,227	4	520	164	23,797	102	18,550	1	250	2	50	4,481,302	8,135,996	43
74	61,087	1	360	619	277,480	.....	.....	8	987	12	4,700	.....	.....	.....	.....	645,583	1,228,287	44
5	5,400	.....	.....	40	25,081	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	91,887	149,562	45
42	45,176	.....	.....	623	344,108	.....	.....	3	250	22	7,461	.....	.....	.....	.....	771,717	1,328,858	46

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ALABAMA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.	Miscellaneous expenses.	Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
47	Mattresses and spring beds. (See also Furniture.)	11	$22,812	$4,412	$1,500	$500	$2,412	$18,400	$3,034	56	$14,819
48	Millinery, custom work	39	120,701	5,442	1,525	2,700	1,217	115,259	19,111	151	63,270
49	Mineral and soda waters	14	115,578	67,725	7,350	10,200	50,175	47,853	13,835	79	32,718
50	Monuments and tombstones. (See also Marble and stone work.)	7	41,505	2,765	625	1,175	965	38,740	6,961	37	20,062
51	Oil, cottonseed and cake	9	592,408	532,842	77,391	183,259	272,192	59,566	87,093	533	133,348
52	Painting and paper hanging	32	118,445	42,205	20,250	12,225	9,730	76,240	13,585	222	143,916
53	Paving and paving materials	5	8,760	575	----------	75	500	8,185	6,108	59	20,674
54	Photography	20	37,485	24,450	1,800	1,900	20,750	13,035	9,569	56	28,625
55	Plastering and stuccowork. (See also Masonry, brick and stone.)	6	2,625	325	----------	----------	325	2,300	870	41	23,407
56	Plumbing and gas fitting	21	98,067	18,835	3,000	2,000	13,835	79,232	9,064	156	100,162
57	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	26	192,237	137,100	600	1,300	135,200	55,137	18,585	213	137,646
58	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	121	666,964	490,906	18,015	41,885	431,006	176,058	135,654	647	371,767
59	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	12	75,288	28,151	5,500	6,600	16,051	47,137	6,593	104	67,089
60	Saddlery and harness	22	119,005	12,920	2,610	4,050	6,260	106,085	12,145	91	49,973
61	Shipbuilding	5	37,750	33,500	500	5,700	27,300	4,250	1,085	85	25,074
62	Timber products, not manufactured at mill.	35	234,938	137,658	91,075	----------	46,583	97,280	38,582	614	124,866
63	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	25	133,600	36,700	10,500	10,500	15,700	96,900	10,825	138	83,140
64	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	21	67,995	19,695	3,200	15,200	1,295	48,300	20,234	158	74,657
65	Trunks and valises	4	9,030	2,230	1,000	600	630	6,800	3,667	41	16,834
66	Watch, clock, and jewelry repairing	53	55,955	44,085	9,500	15,000	19,585	11,870	10,859	71	46,887
67	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	3	4,769	3,144	200	150	2,794	1,625	459	72	10,556
68	Woolen goods. (See also Hosiery and knit goods.)	6	18,325	15,250	3,800	1,750	9,700	3,075	419	16	3,125
69	All other industries (a)	47	813,513	533,301	158,388	115,852	259,061	280,212	34,867	925	314,833

a Embraces babbitt metal and solder, 1; bagging, flax, hemp, and jute, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; boxes, cigar, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 1; cooperage, 2; cordage and twine, 1; dye stuffs and extracts, 1; fancy articles, not elsewhere specified, 1; furnishing goods, men's, 1; furniture, chairs, 1; hand stamps, 1; hardware, 1; high explosives, 1; house furnishing goods, not elsewhere specified, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, nails and spikes, cut and wrought, including wire

BY COUNTIES.

1	The State	2,977	46,122,571	33,837,984	6,222,432	6,487,089	21,128,463	12,284,587	2,797,896	33,821	12,676,029
2	Antanga	31	990,395	616,640	121,515	176,100	319,025	373,755	35,740	570	177,140
3	Baldwin	7	138,576	103,375	56,150	7,500	39,725	35,201	4,865	240	66,000
4	Barbour	67	619,711	321,460	27,450	72,250	221,760	298,251	47,953	443	121,183
5	Bibb	8	373,354	335,855	19,125	34,095	282,635	37,499	1,459	168	47,001
6	Blount	35	57,790	50,960	9,690	8,470	32,800	6,830	2,005	80	18,288
7	Bullock	20	90,110	75,720	15,045	29,125	31,550	14,390	3,691	151	23,302
8	Butler	17	673,994	580,734	150,945	68,010	361,779	93,260	19,284	230	81,533
9	Calhoun	106	4,394,561	3,358,447	430,767	883,892	2,043,788	1,036,114	288,251	2,472	1,102,599
10	Chambers	34	72,080	65,160	6,175	14,450	44,535	6,920	2,356	96	14,608
11	Cherokee	52	798,501	631,840	89,249	148,788	393,803	166,661	52,542	322	84,620
12	Chilton	37	645,698	522,405	218,113	31,055	273,237	123,293	14,021	484	166,843
13	Choctaw	22	34,870	27,645	3,030	4,950	19,665	7,225	2,807	92	15,832
14	Clarke	63	149,783	116,008	26,975	16,610	72,423	33,775	14,382	427	72,471
15	Clay	44	176,227	142,997	28,975	18,122	95,900	33,230	3,696	155	44,188
16	Cleburne	45	49,534	38,115	9,910	6,945	21,260	11,419	1,718	108	17,707
17	Coffee	29	42,357	31,340	7,925	7,850	15,565	11,017	2,152	86	13,928
18	Colbert	44	2,277,440	1,640,992	193,870	264,916	1,182,206	636,448	53,276	803	325,168
19	Conecuh	36	116,261	104,411	24,361	11,800	68,250	11,850	4,479	129	20,409
20	Coosa	43	60,498	50,967	5,560	14,305	31,102	9,531	2,980	67	12,935
21	Covington	6	19,725	11,575	5,575	1,750	4,250	8,150	147	26	4,370

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ALABAMA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
5	$2,956	.....	.....	23	$4,259	11	$1,157	3	$165	9	$4,240	5	$2,042	.....	.....	$48,245	$108,614	47
13	10,298	36	$16,512	3	1,490	99	34,970	.....	.....	.....	.....	.....	.....	.....	.....	212,605	373,050	48
22	12,646	.....	.....	52	18,674	1	1,000	3	298	.....	.....	1	100	.....	.....	29,807	110,025	49
6	4,480	.....	.....	28	13,710	.....	.....	.....	.....	3	1,872	.....	.....	.....	.....	22,634	66,100	50
42	46,735	1	250	486	85,327	1	100	1	116	2	820	.....	.....	.....	.....	945,069	1,203,989	51
31	21,086	.....	.....	188	121,574	.....	.....	1	200	4	1,056	.....	.....	.....	.....	100,350	303,755	52
5	2,472	.....	.....	44	17,452	.....	.....	.....	.....	10	750	.....	.....	.....	.....	42,708	90,530	53
18	13,234	2	832	21	10,452	10	3,604	1	78	1	13	3	412	.....	.....	20,951	77,127	54
6	4,828	.....	.....	35	18,579	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,896	48,252	55
23	22,547	.....	.....	133	77,615	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	185,429	336,557	56
36	35,234	.....	.....	141	89,421	18	6,262	4	469	12	5,660	2	600	.....	.....	97,115	312,966	57
116	103,763	1	600	385	226,337	17	4,966	69	7,049	58	28,272	1	780	.....	.....	159,555	809,577	58
18	19,176	.....	.....	76	43,313	.....	.....	5	700	5	3,900	.....	.....	.....	.....	140,846	254,224	59
24	18,979	.....	.....	64	30,944	.....	.....	.....	.....	3	50	.....	.....	.....	.....	115,036	224,040	60
3	750	.....	.....	74	21,715	.....	.....	.....	.....	8	2,609	.....	.....	.....	.....	9,493	38,701	61
21	12,924	.....	.....	478	89,127	1	25	.....	.....	114	22,790	.....	.....	.....	.....	69,899	371,975	62
21	17,917	.....	.....	116	65,127	.....	.....	1	96	.....	.....	.....	.....	.....	.....	156,685	309,650	63
14	8,912	1	600	13	7,454	1	350	11	1,231	116	55,755	1	265	1	$90	81,248	211,632	64
3	2,280	.....	.....	38	14,554	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,809	42,825	65
35	18,413	.....	.....	36	28,474	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,345	98,220	66
5	1,708	.....	.....	36	6,482	30	2,316	1	50	.....	.....	.....	.....	.....	.....	2,914	14,400	67
3	1,025	.....	.....	8	1,440	4	480	.....	.....	.....	.....	1	180	.....	.....	10,997	17,150	68
49	38,034	1	418	714	237,604	74	14,032	30	3,021	42	19,645	14	1,958	1	126	483,918	1,050,472	69

nails, 1; ironwork, architectural and ornamental, 2; lightning rods, 1; oysters, canning and preserving, 1; patent medicines and compounds, 2; pickles, preserves, and sauces, 2; safes and vaults, 1; saws, 1; shirts, 1; soap and candles, 2; sugar and molasses, refining, 2; tar and turpentine, 7; tobacco, chewing, smoking, and snuff, 1; vinegar and cider, 1; woodenware, not elsewhere specified, 2.

BY COUNTIES.

2,553	1,821,211	131	55,071	25,816	9,347,285	1,649	385,534	1,344	143,015	2,032	883,756	215	31,076	81	9,081	28,432,281	51,226,605	1
22	13,004	.....	.....	461	151,355	31	5,600	12	1,744	14	1,489	29	3,823	1	125	512,905	839,087	2
4	4,500	.....	.....	232	60,800	.....	.....	.....	.....	4	700	.....	.....	.....	.....	79,098	190,157	3
28	13,389	4	1,500	296	84,927	82	18,022	33	3,345	.....	.....	.....	.....	.....	.....	427,029	695,625	4
10	6,973	.....	.....	94	17,728	.....	.....	12	1,500	52	20,800	.....	.....	.....	.....	159,189	235,210	5
19	6,335	.....	.....	60	11,913	.....	.....	1	40	.....	.....	.....	.....	.....	.....	82,756	116,413	6
14	6,905	.....	.....	128	15,048	2	441	.....	.....	7	908	.....	.....	.....	.....	97,885	140,775	7
23	17,795	.....	.....	205	63,674	1	24	1	40	.....	.....	.....	.....	.....	.....	358,864	557,376	8
146	144,486	4	3,100	1,765	729,014	117	32,891	206	21,046	230	171,184	4	878	.....	.....	1,976,792	3,700,764	9
10	4,264	.....	.....	86	10,344	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75,813	110,635	10
42	26,937	.....	.....	258	56,221	6	675	12	712	4	75	.....	.....	.....	.....	396,137	582,663	11
29	17,935	.....	.....	453	148,428	.....	.....	1	120	1	360	.....	.....	.....	.....	355,784	691,300	12
13	3,725	.....	.....	79	12,107	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23,943	55,378	13
28	9,038	.....	.....	372	59,571	1	150	2	315	21	3,097	.....	.....	3	300	102,979	251,285	14
43	13,730	.....	.....	112	30,458	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	127,702	193,522	15
19	4,159	.....	.....	80	12,549	.....	.....	3	402	4	540	.....	.....	2	50	44,868	74,145	16
23	4,380	.....	.....	55	8,665	3	709	5	174	.....	.....	.....	.....	.....	.....	28,624	50,456	17
37	30,984	2	728	682	275,928	54	7,368	10	1,200	18	8,969	.....	.....	.....	.....	1,047,879	1,514,132	18
22	3,199	.....	.....	101	16,180	.....	.....	1	30	5	1,000	.....	.....	.....	.....	79,370	127,120	19
19	6,202	.....	.....	46	6,603	.....	.....	2	70	.....	.....	.....	.....	.....	.....	51,333	78,667	20
.....	.....	.....	.....	26	4,370	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,150	21,436	21

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ALABAMA—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
22	Crenshaw	46	$108,319	$86,674	$17,890	$13,690	$55,094	$21,645	$3,166	224	$28,369
23	Cullman	8	13,935	11,725	2,385	1,240	8,100	2,210	765	25	4,941
24	Dale	24	52,604	40,058	11,873	7,970	20,215	12,546	2,639	90	16,626
25	Dallas	111	943,461	555,420	57,426	138,559	359,435	388,041	72,107	1,102	414,232
26	Dekalb	91	500,542	365,128	96,035	131,515	137,578	135,414	33,845	626	232,550
27	Elmore	40	927,361	549,230	48,445	253,225	247,560	378,131	71,687	812	158,913
28	Escambia	29	1,194,302	947,168	450,850	74,700	421,618	247,134	46,074	553	249,624
29	Etowah	52	877,652	640,165	121,250	91,790	427,125	237,487	36,010	483	167,511
30	Fayette	12	21,018	18,065	3,935	3,170	10,960	2,953	726	39	6,780
31	Franklin	8	11,850	11,220	1,830	3,240	6,150	630	486	16	3,467
32	Geneva	7	69,620	60,520	19,920	13,000	27,600	9,100	2,579	126	26,378
33	Greene	7	16,095	12,055	550	2,900	8,605	4,040	622	48	6,809
34	Hale	17	33,511	30,345	8,395	5,400	16,550	3,166	2,132	69	12,686
35	Henry	39	60,390	59,123	18,313	9,400	31,410	10,267	3,927	189	33,270
36	Jackson	80	455,376	229,792	93,363	26,945	109,484	225,584	19,166	555	125,485
37	Jefferson	365	15,593,035	12,050,944	1,856,618	1,586,867	8,607,459	3,542,091	1,120,267	8,455	4,072,562
38	Lamar	40	87,677	78,428	25,518	13,525	39,385	9,249	2,959	116	19,078
39	Lauderdale	65	1,011,837	733,000	157,500	189,011	386,489	278,837	69,596	836	302,433
40	Lawrence	19	62,975	44,747	15,080	8,000	21,667	18,228	1,741	64	12,694
41	Lee	42	383,915	291,015	76,895	89,505	124,615	92,900	38,099	434	109,384
42	Limestone	45	66,181	54,296	15,871	14,325	24,100	11,885	3,258	132	20,761
43	Lowndes	24	52,293	46,648	3,065	12,000	31,583	5,645	4,070	79	14,236
44	Macon	24	89,480	63,585	8,725	11,235	43,625	25,895	3,196	151	41,877
45	Madison	112	596,944	472,124	47,465	101,875	322,784	124,820	49,515	732	252,995
46	Marengo	7	9,300	8,400	2,025	1,705	4,670	900	518	21	3,696
47	Marion	20	35,394	28,980	2,990	9,205	10,785	6,414	1,333	33	7,700
48	Marshall	3	3,963	3,470	370	1,200	1,900	493	316	9	1,860
49	Mobile	273	2,626,611	1,644,794	256,620	479,665	908,509	981,817	230,927	3,446	1,355,794
50	Monroe	8	62,875	47,950	26,850	1,600	19,500	14,925	7,130	70	19,538
51	Montgomery	140	1,687,151	1,096,384	295,005	253,275	548,104	590,767	140,908	1,876	788,539
52	Morgan	85	2,018,339	1,422,127	401,050	554,402	466,075	596,212	67,165	1,618	794,613
53	Perry	5	19,915	16,115	925	3,950	11,240	3,800	1,041	52	8,756
54	Pickens	5	10,540	8,000	2,500	1,300	4,200	2,540	419	16	2,600
55	Pike	26	256,742	161,110	7,160	58,675	95,275	95,632	29,720	173	45,967
56	Randolph	47	216,527	144,486	33,811	40,635	70,040	72,041	3,446	203	36,222
57	Russell	14	252,414	54,026	5,258	20,625	28,143	198,388	7,076	424	64,136
58	St. Clair	17	59,006	51,450	10,720	3,935	36,795	7,556	2,482	79	21,807
59	Shelby	48	1,016,752	683,272	111,440	134,939	436,893	333,480	56,385	830	235,089
60	Sumter	28	37,615	33,600	2,975	7,860	22,765	4,015	2,880	91	13,905
61	Talladega	64	1,429,541	1,047,443	188,597	197,223	661,623	382,098	44,249	816	258,192
62	Tallapoosa	59	68,218	59,480	6,360	14,050	39,070	8,738	3,163	129	17,017
63	Tuscaloosa	26	377,569	256,557	101,225	37,365	117,967	121,012	33,034	374	88,123
64	Wilcox	31	75,459	64,454	17,104	15,375	31,975	11,005	3,580	123	19,666
65	Winston	15	15,527	13,540	3,320	4,235	5,985	1,987	448	22	4,415
66	All other counties (*a*)	3	822,275	714,225	135,925	21,800	556,500	108,050	15,300	311	124,608

a Includes establishments distributed as follows: Walker, 1; Washington, 2.

ALASKA. (*a*)

BY SPECIFIED INDUSTRIES.

1	Lumber and other mill products from logs or bolts.	10	105,727	96,703	4,250	26,350	66,103	9,024	5,252	86	22,173

a Not reported by political subdivisions.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ALABAMA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
21	$5,372			197	$22,517	2	$300	4	$180							$53,429	$108,278	22
5	1,574			19	3,352			1	15							9,924	18,128	23
14	4,789			69	10,870	4	480	1	187	1	$120	1	$180			29,851	58,026	24
81	68,690	9	$2,060	752	275,199	208	47,592	3	282	48	20,319			1	$90	818,277	1,535,782	25
73	40,028	1	312	519	182,629	4	1,064			29	8,517					284,804	715,870	26
37	16,579	1	400	333	73,319	245	47,500	118	5,906	78	15,215					443,400	738,715	27
50	41,916			486	205,956			17	1,752							740,080	1,273,391	28
45	23,292			438	144,219											634,227	943,874	29
7	1,980			31	4,700	1	100									10,853	24,125	30
3	489			13	2,978											12,135	20,015	31
13	3,316			112	22,912					1	150					74,890	142,430	32
7	2,492			39	4,137			2	180							22,372	36,903	33
10	3,800			59	8,886											37,063	65,290	34
14	5,376			170	27,586			2	58	3	250					53,962	127,344	35
55	21,980	1	350	399	84,431	9	1,034	61	13,190	30	4,500					413,157	744,509	36
484	521,921	45	21,864	6,607	3,047,975	203	72,522	150	21,652	834	373,482	25	6,034	47	7,112	9,227,595	16,909,155	37
25	4,827			91	14,251											58,116	92,062	38
56	40,993	7	2,065	630	226,606	87	20,961	33	3,235	23	8,573					714,199	1,189,111	39
20	5,145			44	7,549											35,217	60,685	40
30	16,744			322	79,520	21	3,100	51	6,020	10	4,009					202,749	429,294	41
20	6,752	1	150	100	12,705	6	650			5	504					50,751	93,536	42
15	5,096			64	9,140											85,374	113,695	43
19	8,604			124	32,874			3	234	5	165					80,070	138,950	44
78	48,990	20	8,900	427	161,983	105	20,994	96	8,606	6	3,522					419,141	859,718	45
4	1,270			15	2,176	1	100			1	150					2,422	7,697	46
11	3,615			22	4,085											20,596	33,080	47
				8	1,548	1	312									4,938	9,139	48
282	215,590	26	8,501	2,576	990,340	81	17,434	75	7,554	314	108,488	92	7,887			2,139,946	4,367,023	49
7	5,678			61	13,660			1	150	1	50					10,873	49,516	50
167	147,024	7	4,162	1,464	553,098	98	29,606	47	4,941	75	44,508	18	5,200			1,757,176	3,241,962	51
83	57,670	1	384	1,430	676,256	6	2,075	4	438	94	57,790					1,718,147	2,867,275	52
7	2,516			45	6,240											15,075	27,500	53
1	520			14	2,030					1	50					3,603	8,774	54
25	13,265	1	75	113	24,673	16	5,736	10	720			8	1,498			155,715	264,418	55
25	6,467			114	20,506	47	7,624	15	1,560	2	65					134,811	184,679	56
10	0,330			89	15,306	100	20,000	225	22,500							195,067	341,145	57
11	4,186			62	17,084			3	225	3	312					64,278	109,559	58
46	39,423	1	520	693	179,528			28	2,398	62	13,220					510,240	907,763	59
8	2,067			71	11,513			1	140	5	125	6	60			40,338	63,446	60
55	42,050			691	208,165	10	400	56	6,501	4	1,076					593,420	1,114,222	61
17	4,033			109	12,194	2	686	1	104							50,931	98,961	62
19	11,178			163	44,747	93	19,344	34	3,398	8	2,592	30	5,460	27	1,404	143,335	273,817	63
16	7,071			93	11,449	2	40	1	150	9	900	2	56			53,597	85,935	64
17	3,413			5	1,002											13,680	18,868	65
9	9,100			282	109,508					20	6,000					251,348	486,794	66

ALASKA. (*a*)

BY SPECIFIED INDUSTRIES.

8	3,548			78	18,625											30,198	58,440	1

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ARIZONA.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.					Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
1	All industries	76	$616,629	$383,290	$24,120	$76,240	$282,930	$233,339	$49,231	528	$358,127
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	14	30,625	20,480	3,860	10,490	6,130	10,145	2,466	26	17,217
3	Boots and shoes, custom work and repairing.	3	1,676	500	.....	.....	500	1,176	281	3	1,385
4	Brick and tile	3	1,210	610	55	55	500	600	37	31	2,600
5	Cars and general shop construction and repairs by steam railroad companies.	3	72,724	32,120	8,525	14,945	8,650	40,604	.....	142	114,404
6	Lumber and other mill products from logs or bolts. (See also Lumber, planing mill products, including sash, doors, and blinds.)	4	212,975	130,200	600	15,500	114,100	82,775	10,485	97	58,150
7	Mineral and soda waters	3	7,450	5,300	.....	.....	5,300	2,150	896	4	4,700
8	Printing and publishing, newspapers and periodicals.	21	100,598	70,050	1,000	9,850	59,200	30,548	19,100	124	83,091
9	Tinsmithing, coppersmithing, and sheet-iron working.	3	22,720	4,200	150	1,500	2,550	18,520	2,247	16	11,738
10	All other industries (a)	22	166,651	119,830	9,930	23,900	86,000	46,821	13,719	85	64,842

a Embraces carriages and wagons, including custom work and repairing, 1; cooperage, 2; flouring and grist mill products, 5; foundry and machine shop products, 1; gas, illuminating and heating, 2; ice, artificial, 2; lumber, planing mill products, including sash, doors, and blinds, 2; saddlery and harness, 5; tobacco, chewing, smoking, and snuff, 1; tobacco, cigars and cigarettes, 1.

BY COUNTIES.

[No manufactures reported from Gila and Pinal counties.]

1	The Territory	76	616,629	383,290	24,120	76,240	282,930	233,339	49,231	528	358,127
2	Apache	9	19,236	17,320	1,815	7,205	8,300	1,916	1,080	39	10,240
3	Cochise	9	56,168	47,675	3,250	4,900	39,525	8,493	5,737	33	28,593
4	Graham	8	19,895	11,650	160	3,540	7,950	8,245	3,845	17	10,175
5	Maricopa	25	149,339	88,675	9,495	18,075	61,105	60,664	13,033	123	83,213
6	Pima	11	123,886	70,195	9,400	27,520	33,275	53,691	7,789	193	136,893
7	Yavapai	10	237,305	140,375	.....	15,000	125,375	96,930	16,109	109	76,801
8	All other counties (a)	4	10,800	7,400	.....	.....	7,400	3,400	1,638	14	12,212

a Includes establishments distributed as follows: Mohave, 2; Yuma, 2.

ARKANSAS.

BY SPECIFIED INDUSTRIES.

1	All industries	2,073	14,971,614	10,448,236	2,707,958	1,782,609	5,957,669	4,523,378	1,035,107	15,972	5,749,888
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	232	143,852	73,858	18,764	23,782	31,312	69,994	10,984	347	139,455
3	Boots and shoes, custom work and repairing.	40	14,678	4,255	195	155	3,995	10,423	4,843	77	40,131
4	Bread and other bakery products	13	21,014	15,600	4,400	4,500	6,700	5,414	6,349	48	26,121
5	Brick and tile. (See also Clay and pottery products.)	48	296,028	212,998	90,916	32,765	88,417	83,930	32,992	709	167,675
6	Carpentering	51	104,035	43,085	10,200	8,425	24,460	60,950	46,617	456	230,321
7	Carriages and wagons, including custom work and repairing. (See also Blacksmitbing and wheelwrighting.)	44	166,820	72,525	20,900	20,855	21,770	94,295	8,360	194	102,596
8	Cars and general shop construction and repairs by steam railroad companies.	8	355,747	264,444	29,950	84,300	150,194	91,303	.....	869	583,215
9	Clay and pottery products. (See also Brick and tile.)	9	22,234	16,023	3,978	8,850	3,195	6,211	1,585	76	22,333
10	Clothing, men's, custom work and repairing.	19	66,986	4,160	.....	.....	4,160	62,826	10,769	105	90,296
11	Clothing, women's, dressmaking	27	17,850	5,645	1,800	1,900	1,945	12,205	4,836	133	51,690
12	Coffins and burial cases, trimming and finishing.	6	11,195	1,725	.....	.....	1,725	9,470	3,405	12	7,468
13	Confectionery	3	41,195	32,400	13,000	9,500	9,900	8,795	1,379	16	9,584
14	Cooperage	3	739	275	15	110	150	464	36	4	875
15	Cotton, compressing	4	370,253	348,253	55,172	169,357	123,724	22,000	10,120	127	44,249
16	Cotton, ginning	137	221,620	216,003	10,586	50,010	155,407	5,617	12,677	645	63,008

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ARIZONA.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS, AND TOTAL WAGES—continued.																	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
70	$55,981	.....	.....	436	$293,809	9	$4,435	9	$782	4	$3,120	.....	.....	.....	.....	$353,814	$947,547	1
8	4,815	.....	.....	18	12,402	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,588	54,830	2
2	985	.....	.....	.....	.....	.....	.....	.....	.....	1	400	.....	.....	.....	.....	2,650	5,450	3
.....	.....	.....	.....	31	2,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	700	4,300	4
2	1,414	.....	.....	140	112,990	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74,985	189,390	5
3	380	.....	.....	94	57,770	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	126,765	248,790	6
3	4,300	.....	.....	1	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,558	14,164	7
33	26,012	.....	.....	72	49,342	9	4,435	7	582	3	2,720	.....	.....	.....	.....	26,557	154,590	8
.....	.....	.....	.....	16	11,738	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,740	41,250	9
19	18,075	.....	.....	64	46,567	.....	.....	2	200	.....	.....	.....	.....	.....	.....	84,271	234,783	10

BY COUNTIES.

[No manufactures reported from Gila and Pinal counties.]

70	55,981	.....	.....	436	293,809	9	4,435	9	782	4	3,120	.....	.....	.....	.....	353,814	947,547	1
9	3,520	.....	.....	30	6,720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23,094	46,493	2
10	10,520	.....	.....	20	16,353	1	1,240	2	480	.....	.....	.....	.....	.....	.....	12,219	62,216	3
7	4,845	.....	.....	9	5,180	.....	.....	1	150	.....	.....	.....	.....	.....	.....	16,965	40,440	4
16	11,860	.....	.....	95	67,909	7	3,020	4	24	1	400	.....	.....	.....	.....	76,242	250,907	5
12	10,144	.....	.....	179	126,621	.....	.....	2	128	.....	.....	.....	.....	.....	.....	84,109	239,627	6
8	7,720	.....	.....	97	66,186	1	175	.....	.....	3	2,720	.....	.....	.....	.....	138,119	290,650	7
8	7,372	.....	.....	6	4,840	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,066	17,214	8

ARKANSAS.

BY SPECIFIED INDUSTRIES.

1,783	1,073,303	46	$27,399	12,725	4,343,675	382	87,800	353	39,531	552	171,885	81	$4,583	50	$1,712	12,397,261	22,659,179	1
212	98,215	.....	.....	125	39,347	.....	.....	1	60	9	1,833	.....	.....	.....	.....	79,634	270,379	2
41	22,091	.....	.....	24	13,774	.....	.....	4	1,040	8	3,226	.....	.....	.....	.....	25,127	75,323	3
11	9,904	.....	.....	29	14,956	5	861	3	400	.....	.....	.....	.....	.....	.....	43,902	86,855	4
39	25,592	.....	.....	548	125,374	.....	.....	65	7,075	57	9,634	.....	.....	.....	.....	100,107	484,885	5
54	48,909	.....	.....	400	181,172	.....	.....	2	240	.....	.....	.....	.....	.....	.....	337,154	679,230	6
38	28,626	.....	.....	146	72,996	.....	.....	3	850	7	2,124	.....	.....	.....	.....	65,875	204,966	7
22	20,028	.....	.....	847	563,187	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	715,340	1,299,558	8
10	4,848	.....	.....	42	13,625	2	470	16	1,760	4	1,474	.....	.....	2	156	7,438	35,849	9
24	24,548	.....	.....	30	24,852	.....	.....	.....	.....	51	40,896	.....	.....	.....	.....	72,975	198,179	10
3	3,900	27	15,704	3	2,640	100	29,446	.....	.....	.....	.....	.....	.....	.....	.....	83,215	153,671	11
6	4,024	.....	.....	0	3,444	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,019	30,040	12
8	2,224	.....	.....	10	6,380	.....	.....	3	980	.....	.....	.....	.....	.....	.....	10,904	31,681	13
2	800	.....	.....	2	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	374	1,895	14
14	8,761	.....	.....	112	35,418	.....	.....	1	70	.....	.....	.....	.....	.....	.....	71,155	156,003	15
76	12,370	.....	.....	551	49,452	1	80	12	499	5	607	.....	.....	.....	.....	30,725	153,226	16

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ARKANSAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
17	Dentistry, mechanical	5	$4,390	$2,850	$300	$450	$2,100	$1,540	$476	5	$1,535
18	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	7	23,095	7,355	600	1,000	5,755	15,740	2,598	26	14,868
19	Dyeing and cleaning	6	2,485	950	.....	.....	950	1,535	1,521	10	4,196
20	Flouring and grist mill products	376	975,616	817,951	72,754	205,270	539,327	157,665	53,898	992	169,790
21	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	18	393,757	244,050	74,475	45,775	123,800	149,707	30,736	271	178,255
22	Fruits and vegetables, canning and preserving.	8	63,530	44,855	5,345	16,110	23,400	18,675	7,946	327	25,634
23	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	10	9,230	4,090	160	690	3,240	5,140	1,351	28	7,761
24	Furniture, chairs	3	16,770	15,440	1,005	6,010	8,425	1,330	498	15	5,563
25	Furniture, factory product	4	118,634	61,000	3,500	20,000	37,500	57,634	16,923	107	52,072
26	Gas, illuminating and heating	7	507,942	494,892	52,600	28,900	413,392	13,050	26,766	47	36,486
27	Ice, artificial	5	273,952	255,500	18,000	24,500	213,000	18,452	12,406	81	33,882
28	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	3	16,370	4,000	.....	.....	4,000	12,370	1,016	34	24,980
29	Leather, tanned and curried	5	13,525	5,550	650	4,000	900	7,975	454	9	2,814
30	Lime and cement	5	37,140	36,640	18,075	5,440	13,125	500	2,251	47	11,520
31	Liquors, distilled	14	47,075	21,630	3,695	7,455	10,480	25,445	23,170	38	7,541
32	Lock and gun smithing	7	5,092	3,062	600	200	2,262	2,030	1,731	11	7,576
33	Lumber and other mill products from logs or bolts.	523	6,818,943	4,802,611	1,945,855	507,323	2,349,433	2,016,332	279,852	6,712	2,068,870
34	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing.)	38	850,092	357,661	58,529	75,014	224,118	492,431	45,209	719	348,986
35	Masonry, brick and stone. (See also Plastering and stuccowork.)	14	22,166	6,175	2,000	1,700	2,475	15,991	2,394	162	81,628
36	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	5	10,039	1,487	275	950	262	8,552	733	14	6,394
37	Millinery, custom work	16	66,070	7,815	2,100	3,825	1,890	58,255	6,311	83	35,142
38	Mineral and soda waters	6	33,585	27,400	3,000	3,400	21,000	6,185	3,617	26	13,980
39	Monuments and tombstones. (See also Marble and stone work.)	10	16,170	4,385	2,050	1,100	1,235	11,785	855	34	15,033
40	Oil, cottonseed and cake	8	1,488,690	1,168,028	91,921	301,721	774,386	320,662	160,148	536	196,767
41	Painting and paper hanging	20	32,873	7,663	2,000	2,750	2,913	25,210	3,903	108	65,085
42	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	4	14,350	350	.....	.....	350	14,000	3,395	19	10,946
43	Photography	10	17,305	12,815	15	850	11,950	4,490	4,266	23	17,745
44	Plastering and stuccowork. (See also Masonry, brick and stone.)	5	1,315	215	.....	.....	215	1,100	292	24	10,634
45	Plumbing and gas fitting	6	40,800	3,100	.....	.....	3,100	37,700	4,388	65	47,894
46	Printing and publishing, book and job	7	53,130	29,700	.....	.....	29,700	23,430	5,590	36	24,589
47	Printing and publishing, newspapers and periodicals.	144	500,349	323,240	18,445	24,335	280,460	177,109	122,419	624	322,742
48	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	5	10,640	7,500	4,000	1,200	2,300	3,140	504	11	6,653
49	Saddlery and harness	32	106,790	15,005	3,210	4,640	7,155	91,785	10,459	87	43,291
50	Sugar and molasses, refining	3	395	395	10	25	360	.....	47	13	611
51	Timber products, not manufactured at mill.	18	109,777	68,878	47,850	.....	21,028	40,899	12,689	276	56,166
52	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	18	45,786	20,675	3,950	6,800	9,925	25,111	3,117	61	42,254
53	Tobacco, cigars and cigarettes	8	20,599	530	.....	.....	530	20,069	5,619	37	18,742
54	Watch, clock, and jewelry repairing. (See also Jewelry.)	15	11,310	6,115	.....	.....	6,115	5,195	3,130	31	22,568
55	Woolen goods	6	27,435	21,800	1,750	6,050	14,000	5,635	752	31	6,231
56	All other industries (*a*)	27	310,156	224,529	9,453	51,017	164,059	85,627	22,725	374	125,447

a Embraces awnings, tents, and sails, 1; baking and yeast powders, 1; boxes, wooden packing, 2; brooms and brushes, 2; carriage and wagon materials, 2; cars and general shop construction and repairs by street railroad companies, 1; cotton goods, 2; band stamps, 1; jewelry, 2; looking-glass and picture frames, 2;

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ARKANSAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
5	$1,535															$1,155	$3,383	17
12	7,298			13	$7,310			1	$260							11,925	34,912	18
4	1,970	1	$614	2	832	3	$780									1,550	8,704	19
250	62,351			723	106,101			8	318	11	$1,020					2,041,587	2,498,168	20
34	38,298	2	1,380	228	133,862			2	115	5	4,600					87,139	376,150	21
7	1,730			65	9,513	94	8,555	38	2,036	6	520	56	$2,424	41	$856	54,455	93,101	22
9	4,822			16	2,737			1	52	2	150					4,501	13,919	23
1	650			14	4,913											3,983	11,720	24
6	8,350			83	38,542			13	2,300	5	2,880					48,575	145,000	25
14	16,680			33	19,806											30,890	153,546	26
9	7,020			72	26,862											31,887	163,040	27
6	6,180			24	18,246			4	554							20,515	53,000	28
1	250			8	2,564											12,765	16,684	29
1	390			43	10,830			3	300							5,335	38,975	30
7	2,959			31	4,582											11,085	52,775	31
5	3,690			5	3,730			1	156							1,999	13,310	32
415	225,795			5,983	1,767,667	2	400	37	4,480	260	69,768	10	160	5	600	4,783,378	8,800,614	33
79	69,324			630	277,260			5	402	5	2,000					1,219,151	1,761,932	34
14	13,840			148	67,788											132,149	238,588	35
2	1,127			9	4,927					3	340					8,242	16,170	36
5	4,820	8	8,011			70	24,311									97,791	173,725	37
7	6,220			16	6,480	2	780	1	100							10,115	38,692	38
10	5,968			24	9,065											12,620	40,601	39
25	38,118			511	158,651											1,319,039	1,881,668	40
24	19,796			83	45,139					1	150					41,439	124,658	41
6	5,632			13	5,314											10,715	31,322	42
10	9,800	1	624	11	7,246							1	75			4,918	35,534	43
5	3,675			19	6,959											4,801	17,038	44
8	8,715			45	36,266			4	800	8	2,113					101,471	193,260	45
12	10,419			20	12,820	3	850			1	500					14,580	78,620	46
105	82,256	7	3,066	389	208,386	27	7,171	65	8,100	25	12,763	6	1,000			181,126	737,568	47
4	3,170			6	3,223			1	260							13,349	23,204	48
31	19,381			50	21,502			1	100	5	2,308					63,694	138,916	49
2	85			11	526											960	2,300	50
10	4,846			244	47,470					22	3,850					15,199	143,035	51
22	17,871			39	24,383											52,453	104,807	52
9	6,136			10	3,899			8	778	10	5,929					17,810	46,313	53
13	10,260			18	12,308											6,519	35,500	54
9	2,950			7	1,385	12	1,740	3	156							28,030	38,360	55
30	26,088			184	77,489	61	12,356	47	5,290	42	3,200	8	924	2	100	230,422	419,204	56

marble and stone work, 2; musical instruments and materials, not specified, 1; paints, 1; paving and paving materials, 1; saws, 1; shipbuilding, 1; soap and candles, 1; vinegar and cider, 1; wirework, including wire rope and cable, 2.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ARKANSAS—Continued.

BY COUNTIES.

	COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	The State	2,073	$14,971,614	$10,448,236	$2,707,958	$1,782,609	$5,957,669	$4,523,378	$1,035,107	15,972	$5,749,888
2	Arkansas	16	173,998	127,415	13,550	36,435	77,430	46,583	2,881	142	38,529
3	Ashley	13	29,195	24,450	5,920	3,945	14,585	4,745	1,731	46	7,759
4	Baxter	18	44,690	36,810	2,935	10,730	23,145	7,880	2,345	80	16,461
5	Benton	64	182,178	137,745	22,445	37,760	77,540	44,433	26,944	267	48,265
6	Boone	24	78,895	65,915	12,765	14,600	38,550	12,980	2,535	72	17,199
7	Bradley	16	28,110	24,515	2,545	2,925	19,045	3,595	1,493	45	8,163
8	Calhoun	7	195,711	145,312	43,820	18,280	83,212	50,399	9,071	137	64,050
9	Carroll	40	109,866	90,670	13,460	12,155	65,055	19,196	11,829	135	37,488
10	Chicot	4	18,800	13,450	1,750	1,000	10,700	5,350	4,067	32	9,415
11	Clark	83	456,976	350,214	71,987	37,947	240,280	116,762	30,129	556	146,943
12	Clay	34	272,786	164,655	70,630	17,985	76,040	108,131	16,367	408	108,851
13	Cleburne	13	31,619	26,799	9,974	3,700	13,125	4,820	1,761	41	8,096
14	Cleveland	21	121,985	100,609	25,474	12,365	62,770	21,376	3,725	124	41,871
15	Columbia	30	325,714	208,392	40,740	35,935	131,717	117,322	28,961	520	137,116
16	Conway	22	63,325	47,130	9,985	9,945	27,200	16,195	3,471	100	28,912
17	Craighead	26	102,070	73,815	12,280	10,755	50,780	28,255	4,121	222	52,974
18	Crawford	25	93,140	64,720	6,360	13,525	44,835	28,420	3,403	99	28,202
19	Crittenden	12	60,557	44,525	8,350	6,950	29,225	16,032	2,559	93	20,594
20	Cross	10	96,635	67,100	22,180	9,720	35,200	29,535	1,289	98	30,670
21	Dallas	4	51,425	43,625	13,520	1,750	28,355	7,800	783	28	13,295
22	Desha	3	654,954	629,254	575,200	27,900	26,154	25,700	4,782	69	27,181
23	Drew	14	116,590	70,615	20,215	9,600	40,800	45,975	7,857	191	63,564
24	Faulkner	28	34,275	25,220	785	2,995	21,440	9,055	3,583	69	14,561
25	Franklin	25	39,130	28,391	2,031	5,050	21,310	10,745	2,708	60	14,647
26	Fulton	24	165,048	152,572	6,352	51,405	94,815	12,476	7,244	72	12,974
27	Garland	20	174,128	143,845	39,000	9,900	94,945	30,283	13,080	139	58,211
28	Grant	20	27,465	23,495	3,685	2,870	16,940	3,970	1,652	105	8,967
29	Greene	39	215,734	134,855	50,325	16,255	68,275	80,879	10,025	403	120,278
30	Hempstead	16	154,941	53,050	11,213	8,679	33,158	101,891	10,414	162	54,420
31	Hot Spring	30	454,986	369,591	137,013	28,840	203,738	85,395	13,399	411	139,030
32	Howard	14	30,670	22,700	1,519	4,250	16,931	7,970	1,155	47	9,130
33	Independence	26	117,280	62,675	15,895	12,795	33,985	54,605	4,073	92	23,222
34	Izard	23	56,139	41,074	5,175	7,662	28,237	15,065	1,715	53	11,020
35	Jackson	14	344,847	250,150	82,000	46,300	121,850	94,697	12,674	281	131,553
36	Jefferson	127	1,072,568	699,450	116,830	127,875	454,745	373,118	69,274	1,394	689,114
37	Johnson	26	98,056	43,475	4,495	7,810	31,170	54,581	3,697	128	33,514
38	Lafayette	23	261,241	167,840	49,035	15,825	101,980	93,401	14,114	287	85,006
39	Lawrence	10	218,130	128,400	32,100	14,100	82,200	89,730	19,330	299	106,420
40	Lee	5	90,000	49,000	12,950	8,200	27,850	41,000	5,345	123	40,058
41	Lincoln	3	7,900	5,450	400	650	4,400	2,450	202	15	2,650
42	Logan	53	84,364	64,702	4,140	11,730	48,832	19,662	3,896	180	31,192
43	Lonoke	21	42,610	32,815	3,045	9,370	20,400	9,795	2,013	75	9,865
44	Madison	35	62,152	50,002	5,102	4,290	40,610	12,150	8,812	115	32,936
45	Marion	10	44,123	37,368	11,333	5,775	20,260	6,755	1,790	36	7,877
46	Miller	67	609,354	451,510	60,550	61,175	329,785	157,844	67,432	576	265,632
47	Mississippi	7	51,155	27,605	7,000	4,125	16,480	23,550	968	32	12,025
48	Monroe	10	298,365	188,043	57,650	41,828	88,565	110,322	10,442	175	62,934
49	Montgomery	15	21,460	18,150	1,458	3,520	13,172	3,310	776	36	4,714
50	Nevada	13	72,020	55,840	10,590	6,500	38,750	16,180	4,834	140	41,628
51	Newton	10	23,529	18,435	2,495	3,565	12,375	5,094	3,001	22	3,295
52	Onachita	36	325,956	210,591	61,875	25,152	123,564	115,365	21,229	531	161,838
53	Perry	13	28,616	25,900	5,170	3,600	17,130	2,716	1,724	61	6,815
54	Phillips	85	667,588	517,738	82,637	125,771	309,330	149,850	76,855	642	249,659
55	Pike	8	12,754	11,872	3,047	3,300	5,525	882	711	18	1,854
56	Poinsett	21	220,352	128,254	41,518	13,400	73,336	101,098	10,914	185	56,104
57	Polk	21	33,329	29,114	5,189	5,350	18,575	4,815	2,397	66	9,301
58	Pope	40	115,789	80,720	17,500	15,865	47,355	35,069	4,445	144	35,486
59	Prairie	13	137,779	117,290	67,630	13,535	36,125	20,489	3,851	74	20,508
60	Pulaski	151	2,852,403	1,872,468	456,352	377,425	1,038,691	979,935	269,426	2,279	1,267,503
61	Randolph	15	36,708	29,201	6,620	3,815	18,766	7,507	1,307	49	7,586
62	St. Francis	11	40,615	28,165	5,670	2,820	19,675	12,450	3,272	98	24,127
63	Saline	32	115,109	78,588	17,893	19,390	41,305	36,521	4,892	240	60,453
64	Scott	20	41,425	32,510	4,560	4,190	23,730	8,915	2,590	61	10,854
65	Searcy	14	18,095	14,795	1,400	3,145	10,250	3,300	1,149	38	5,791
66	Sebastian	140	1,474,316	897,371	122,977	209,995	564,399	576,945	122,197	1,384	629,278
67	Sharp	14	30,060	30,510	6,525	6,435	17,550	8,550	1,638	46	9,044
68	Stone	6	5,547	5,130	970	275	3,885	417	89	14	1,679
69	Union	14	26,060	21,220	5,295	3,700	12,225	4,840	799	54	7,171
70	Van Buren	8	13,570	12,695	635	1,410	10,650	875	774	23	4,884
71	Washington	89	291,318	197,249	21,185	53,130	122,934	94,069	16,504	421	94,862
72	White	32	102,926	78,042	12,330	12,570	53,142	24,884	7,426	235	44,749
73	Woodruff	6	41,200	22,160	5,325	3,450	13,385	19,040	1,201	49	17,252
74	Yell	40	98,737	77,398	11,272	11,750	54,356	21,339	7,086	135	29,159
75	All other counties (a)	31	31,867	25,817	4,102	3,180	18,535	6,050	2,879	93	11,460

a Includes establishments distributed as follows: Little River, 1; Sevier, 30.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ARKANSAS—Continued.

BY COUNTIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1,783	$1,073,303	46	$27,399	12,725	$4,343,675	382	$87,800	353	$39,531	652	$171,885	81	$4,583	50	$1,712	$12,397,261	$22,659,179	1
11	3,790	.....	.....	128	34,389	.....	.....	3	350	.....	.....	.....	.....	.....	.....	108,725	175,432	2
4	599	.....	.....	40	6,560	1	400	1	200	.....	.....	.....	.....	.....	.....	10,342	28,105	3
11	5,816	.....	.....	67	10,395	.....	.....	1	150	1	100	.....	.....	.....	.....	58,015	87,306	4
52	20,661	.....	.....	122	23,871	20	491	13	552	5	550	35	1,680	20	460	241,951	363,255	5
21	7,462	.....	.....	49	9,655	.....	.....	2	82	.....	.....	.....	.....	.....	.....	76,012	104,769	6
6	1,928	.....	.....	36	6,070	.....	.....	3	165	.....	.....	.....	.....	.....	.....	22,050	39,140	7
12	10,560	.....	.....	125	53,490	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	244,769	375,200	8
41	15,914	.....	.....	88	26,854	3	516	3	204	.....	.....	.....	.....	.....	.....	106,953	182,121	9
1	780	.....	.....	29	8,315	1	300	1	20	.....	.....	.....	.....	.....	.....	12,094	36,850	10
56	19,275	.....	.....	454	121,979	17	3,080	25	2,049	4	560	.....	.....	.....	.....	473,443	739,200	11
36	15,612	.....	.....	292	76,141	1	78	9	1,120	65	15,300	.....	.....	5	600	150,090	367,081	12
14	4,661	.....	.....	22	3,185	1	150	.....	.....	4	100	.....	.....	.....	.....	11,832	25,879	13
28	13,516	.....	.....	96	28,355	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	89,034	174,027	14
30	16,725	1	350	484	118,041	.....	.....	.....	.....	5	2,000	.....	.....	.....	.....	608,153	864,579	15
16	9,687	.....	.....	77	18,020	1	150	3	380	2	515	1	160	.....	.....	37,311	83,511	16
16	3,414	.....	.....	187	46,160	.....	.....	1	35	18	3,365	.....	.....	.....	.....	82,493	177,497	17
13	4,682	1	400	84	22,970	.....	.....	1	150	.....	.....	.....	.....	.....	.....	99,609	144,515	18
7	4,270	.....	.....	85	16,224	.....	.....	1	100	.....	.....	.....	.....	.....	.....	25,951	70,170	19
7	5,360	.....	.....	71	18,110	.....	.....	.....	.....	20	7,200	.....	.....	.....	.....	42,244	97,250	20
7	3,865	.....	.....	19	9,030	2	400	.....	.....	.....	.....	.....	.....	.....	.....	37,841	72,075	21
3	2,200	.....	.....	66	24,981	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,153	85,000	22
17	8,040	.....	.....	170	55,324	.....	.....	.....	.....	4	200	.....	.....	.....	.....	60,475	181,095	23
17	4,173	.....	.....	46	9,078	1	600	5	710	.....	.....	.....	.....	.....	.....	27,662	51,114	24
14	5,093	.....	.....	44	9,504	.....	.....	1	40	1	10	.....	.....	.....	.....	29,684	57,365	25
23	5,635	.....	.....	31	5,919	3	420	4	210	4	315	5	375	2	100	41,831	71,488	26
17	10,280	1	800	109	46,016	.....	.....	6	840	6	275	.....	.....	.....	.....	141,119	246,787	27
9	1,220	.....	.....	92	7,642	.....	.....	.....	.....	3	85	1	20	.....	.....	22,548	44,391	28
27	10,385	.....	.....	342	100,003	.....	.....	17	2,240	17	7,650	.....	.....	.....	.....	245,980	448,920	29
14	12,510	.....	.....	148	41,910	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	181,616	269,706	30
30	12,578	.....	.....	378	126,192	.....	.....	1	60	2	200	.....	.....	.....	.....	404,452	655,473	31
5	2,112	.....	.....	41	6,968	.....	.....	.....	.....	1	60	.....	.....	.....	.....	13,426	30,139	32
18	6,180	.....	.....	74	17,042	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66,778	138,820	33
12	4,282	.....	.....	41	6,738	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61,051	84,030	34
16	10,445	.....	.....	262	120,725	.....	.....	.....	.....	1	158	2	225	.....	.....	204,900	485,895	35
142	122,655	5	2,692	1,181	538,804	34	14,352	10	1,064	21	9,027	1	520	.....	.....	1,571,351	2,590,476	36
12	5,794	.....	.....	112	27,270	.....	.....	.....	.....	4	450	.....	.....	.....	.....	68,576	124,342	37
26	15,240	.....	.....	246	67,516	.....	.....	.....	.....	15	2,250	.....	.....	.....	.....	292,837	488,317	38
13	10,240	.....	.....	244	81,876	3	800	6	250	34	13,260	.....	.....	.....	.....	124,887	298,100	39
9	8,520	.....	.....	103	30,760	.....	.....	1	78	10	700	.....	.....	.....	.....	50,759	121,873	40
1	600	.....	.....	14	2,050	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,206	8,190	41
26	6,934	.....	.....	143	21,728	.....	.....	.....	.....	11	2,530	.....	.....	.....	.....	64,238	124,501	42
18	3,650	.....	.....	54	6,035	.....	.....	.....	.....	3	180	.....	.....	.....	.....	22,044	39,811	43
21	9,213	.....	.....	93	23,603	1	120	.....	.....	.....	.....	.....	.....	.....	.....	123,912	206,184	44
8	2,001	.....	.....	28	5,876	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,521	35,750	45
69	58,451	3	1,612	477	199,101	9	2,028	3	380	15	4,060	.....	.....	.....	.....	691,738	1,128,961	46
2	900	.....	.....	30	11,125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26,552	56,600	47
9	8,714	.....	.....	155	53,370	1	100	.....	.....	10	750	.....	.....	.....	.....	158,158	250,105	48
9	1,330	.....	.....	25	3,240	.....	.....	1	84	1	60	.....	.....	.....	.....	22,260	31,409	49
5	2,888	.....	.....	128	37,740	.....	.....	6	900	1	100	.....	.....	.....	.....	84,739	160,710	50
7	1,500	.....	.....	15	1,795	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,759	28,320	51
22	19,310	.....	.....	489	140,633	.....	.....	20	1,895	.....	.....	.....	.....	.....	.....	440,083	736,031	52
12	1,377	.....	.....	47	5,338	.....	.....	.....	.....	2	100	.....	.....	.....	.....	19,135	32,497	53
75	56,252	9	3,663	533	184,672	15	3,940	10	1,132	.....	.....	.....	.....	.....	.....	481,043	938,236	54
4	642	.....	.....	14	1,212	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,104	9,790	55
13	7,431	.....	.....	145	39,855	.....	.....	4	700	23	8,118	.....	.....	.....	.....	107,316	223,936	56
4	1,112	.....	.....	62	8,189	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,047	41,903	57
35	10,487	.....	.....	106	24,739	2	200	1	60	.....	.....	.....	.....	.....	.....	67,512	126,101	58
5	2,926	.....	.....	59	13,444	2	612	1	96	7	3,430	.....	.....	.....	.....	21,519	52,598	59
214	205,506	15	12,790	1,813	958,748	67	20,790	26	3,566	139	65,404	5	699	.....	.....	1,918,998	4,145,299	60
7	2,105	.....	.....	42	5,481	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57,055	84,240	61
6	3,545	.....	.....	88	20,504	.....	.....	4	78	.....	.....	.....	.....	.....	.....	24,336	60,626	62
32	12,099	.....	.....	184	44,494	2	470	16	1,760	4	1,474	.....	.....	2	156	80,145	176,509	63
11	3,502	1	468	42	5,934	3	170	1	60	3	720	.....	.....	.....	.....	21,194	42,256	64
13	3,330	.....	.....	25	2,461	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,524	34,281	65
181	160,909	9	4,104	905	396,379	128	33,904	97	15,457	64	18,525	.....	.....	.....	.....	1,051,699	2,121,676	66
13	3,977	.....	.....	33	5,067	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,770	37,739	67
4	800	.....	.....	10	879	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,887	10,302	68
8	1,596	.....	.....	41	5,220	.....	.....	2	105	3	250	.....	.....	.....	.....	8,616	21,409	69
8	2,800	.....	.....	15	2,084	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,032	18,282	70
74	33,351	1	520	234	55,754	55	2,938	30	995	6	980	6	144	15	180	414,641	616,161	71
23	8,490	.....	.....	152	32,829	7	516	10	1,064	12	874	25	760	6	216	61,789	155,674	72
.....	.....	.....	.....	48	17,052	1	200	.....	.....	.....	.....	.....	.....	.....	.....	14,774	39,257	73
14	4,525	.....	.....	119	24,549	1	75	.....	.....	1	10	.....	.....	.....	.....	70,392	132,259	74
17	4,891	.....	.....	72	6,419	.....	.....	4	150	.....	.....	.....	.....	.....	.....	28,526	50,383	75

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

CALIFORNIA.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	7,923	$146,797,102	$80,004,604	$21,352,256	$15,898,565	$42,753,783	$66,792,498	$12,984,191	83,642	$51,538,780
2	Agricultural implements	35	2,072,297	841,365	172,669	300,363	368,333	1,230,932	97,958	689	555,016
3	Ammunition	6	156,640	70,492	15,328	10,381	44,783	85,148	1,891	71	39,636
4	Artificial feathers and flowers. (See also Millinery and lace goods.)	6	3,632	1,327	.....	.....	1,327	2,305	1,685	12	5,743
5	Awnings, tents, and sails	15	63,630	7,215	.....	.....	7,215	56,415	8,576	88	82,616
6	Axle grease	3	50,550	29,300	10,000	12,000	7,300	21,250	1,926	19	9,030
7	Bags, other than paper	7	475,629	244,473	50,000	30,000	164,473	231,156	35,356	482	188,612
8	Baskets and rattan and willow ware	9	28,452	14,307	.....	6,000	8,307	14,145	4,408	48	23,263
9	Belting and hose, leather	4	126,838	36,100	8,000	5,000	23,100	90,738	12,639	48	34,346
10	Billiard tables and materials	4	48,780	20,580	10,000	10,000	580	28,200	5,976	36	28,164
11	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	638	1,370,006	758,519	327,479	207,990	223,050	611,487	121,806	1,446	960,631
12	Bookbinding and blank-book making. (See also Printing and publishing.)	24	171,414	84,875	.....	.....	84,875	86,539	17,950	303	172,886
13	Boot and shoe uppers	9	22,740	3,000	100	300	2,600	19,740	3,207	36	25,766
14	Boots and shoes, custom work and repairing.	419	259,431	141,368	63,175	24,820	53,373	118,063	68,635	723	417,428
15	Boots and shoes, factory product	56	1,740,175	342,252	9,000	9,000	324,252	1,397,923	141,266	2,472	1,261,919
16	Boxes, cigar	6	111,150	31,500	.....	10,500	21,000	79,650	14,043	161	77,757
17	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	7	83,175	16,500	.....	.....	16,500	66,675	10,627	144	60,467
18	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	19	1,097,725	498,818	161,050	130,800	206,968	598,907	107,746	734	439,354
19	Brass castings and brass finishing. (See also Plumbers' supplies.)	10	158,906	85,300	13,750	36,200	35,350	73,606	20,318	116	90,536
20	Braseware	3	6,860	4,100	.....	.....	4,100	2,760	1,279	12	8,090
21	Bread and other bakery products	236	1,306,765	893,190	336,675	195,545	360,970	413,575	334,054	1,415	1,024,215
22	Brick and tile. (See also Clay and pottery products.)	52	1,478,991	727,711	198,800	241,546	287,365	751,280	83,013	1,447	628,842
23	Bridges	7	168,275	49,400	.....	.....	49,400	118,875	30,304	206	135,222
24	Brooms and brushes	19	59,520	13,045	2,300	1,125	9,620	46,475	8,142	152	66,469
25	Carpentering	345	1,236,196	245,560	54,655	37,300	153,605	990,636	622,091	2,263	2,014,160
26	Carpets, rag	3	3,586	2,825	1,000	1,000	825	761	367	7	3,220
27	Carriage and wagon materials	16	67,942	43,725	19,050	14,100	10,575	24,217	4,654	41	32,044
28	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	227	1,796,574	874,010	393,520	280,675	199,815	922,564	126,390	1,188	882,380
29	Cars and general shop construction and repairs by steam railroad companies.	10	3,139,514	1,341,450	526,100	505,700	309,650	1,798,064	.....	2,887	2,175,434
30	Cars and general shop construction and repairs by street railroad companies.	10	107,414	100,023	34,439	11,588	53,996	7,391	7,213	151	132,503
31	Cheese, butter, and condensed milk, factory product.	19	125,650	97,215	53,765	23,050	20,400	28,435	7,191	54	26,090
32	Chemicals. (See also Fertilizers; High explosives; Paints; Varnish.)	19	1,442,125	914,300	491,200	144,100	279,000	527,825	62,300	278	189,554
33	Clay and pottery products. (See also Brick and tile.)	12	1,048,682	747,220	130,400	314,050	302,770	301,462	153,469	393	260,497
34	Clothing, men's, custom work and repairing.	381	1,560,805	179,639	62,270	41,500	75,869	1,381,166	426,367	2,535	1,987,894
35	Clothing, men's, factory product	121	724,697	28,157	.....	.....	28,157	696,540	57,144	1,884	787,677
36	Clothing, women's, dressmaking	470	361,971	107,846	27,780	22,600	57,466	254,125	112,167	2,211	935,102
37	Clothing, women's, factory product	78	645,395	34,135	2,500	2,000	29,635	611,260	79,081	1,218	480,773
38	Coffee and spice, roasting and grinding	22	1,440,178	133,700	14,000	11,000	108,700	1,306,478	99,287	318	237,066
39	Coffins and burial cases, trimming and finishing.	9	89,595	23,110	15,900	3,500	3,710	66,485	12,286	28	29,356
40	Confectionery	84	598,686	201,666	24,375	19,000	158,291	397,020	110,672	712	376,657
41	Cooperage	38	752,333	300,490	133,825	60,665	106,000	451,843	39,802	469	344,871
42	Cordials and syrups	8	139,566	9,700	.....	.....	9,700	129,866	13,439	64	37,304
43	Cork, cutting	4	11,320	3,600	1,800	600	1,200	7,720	1,673	19	7,584
44	Corsets	9	2,449	594	.....	.....	594	1,855	2,484	26	10,375
45	Cutlery and edge tools. (See also Hardware; Saws; Tools, not elsewhere specified.)	7	37,210	16,975	.....	.....	16,975	20,235	4,779	54	39,556
46	Dentistry, mechanical	133	135,396	71,250	.....	.....	71,250	64,146	46,822	203	192,933
47	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	35	42,720	5,820	.....	.....	5,820	36,900	10,093	65	34,937
48	Dyeing and cleaning	31	162,210	122,955	48,500	22,100	52,355	39,255	23,869	306	204,995
49	Electroplating	7	14,695	9,715	.....	.....	9,715	4,980	3,452	23	21,357
50	Engraving and diesinking	14	4,695	1,960	.....	.....	1,960	2,735	2,474	24	19,078
51	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	6	9,995	4,300	.....	.....	4,300	5,695	1,773	24	20,368

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

CALIFORNIA.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
9,972	$9,774,950	974	$590,912	50,569	$32,913,974	6,968	$2,130,192	1,513	$261,478	8,496	$4,674,798	4,806	$1,158,850	344	$33,626	$120,243,683	$213,403,996	1
66	84,308	4	1,764	598	456,710	.....	.....	.....	.....	21	12,234	.....	.....	.....	.....	575,776	1,617,484	2
8	10,319	.....	.....	58	27,757	5	1,560	.....	.....	.....	.....	.....	.....	.....	.....	160,313	234,605	3
3	1,947	2	904	.....	.....	6	2,632	.....	.....	.....	.....	1	260	.....	.....	2,328	12,127	4
10	8,000	.....	.....	71	72,590	4	1,502	1	208	.....	.....	2	316	.....	.....	121,760	255,642	5
3	3,000	.....	.....	14	5,900	2	130	.....	.....	.....	.....	.....	.....	.....	.....	23,398	57,620	6
6	12,636	.....	.....	115	80,726	17	7,250	17	3,600	104	38,920	142	34,230	81	11,250	844,349	1,133,250	7
10	7,605	.....	.....	15	8,912	.....	.....	5	650	15	5,646	.....	.....	3	450	10,441	45,499	8
5	6,790	.....	.....	43	27,556	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101,491	170,768	9
6	5,148	.....	.....	25	20,616	.....	.....	.....	.....	5	2,400	.....	.....	.....	.....	15,671	55,040	10
530	396,462	.....	.....	875	550,713	.....	.....	11	2,284	28	11,147	.....	.....	2	25	619,108	2,108,450	11
28	38,022	7	6,652	116	85,272	128	37,248	16	2,652	8	3,040	.....	.....	.....	.....	99,615	347,413	12
9	10,628	.....	.....	12	9,480	1	416	.....	.....	9	4,597	5	645	.....	.....	42,818	75,719	13
379	217,278	.....	.....	160	99,347	7	2,964	.....	.....	167	94,465	8	3,039	2	335	229,956	828,579	14
190	151,100	2	1,400	1,087	533,932	73	29,160	28	5,490	756	413,553	316	123,180	20	4,104	1,524,272	3,395,043	15
21	13,180	.....	.....	83	47,083	1	520	9	906	2	1,040	45	14,938	.....	.....	80,805	195,040	16
8	8,660	.....	.....	37	20,695	56	17,973	4	1,092	.....	.....	39	12,047	.....	.....	67,800	161,950	17
42	50,960	1	500	593	351,874	11	4,598	42	9,000	36	20,800	9	1,622	.....	.....	885,956	1,711,684	18
13	12,549	.....	.....	99	77,312	.....	.....	3	500	1	175	.....	.....	.....	.....	157,867	299,574	19
1	1,040	.....	.....	11	7,050	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,960	17,110	20
288	286,568	67	28,840	952	667,483	96	37,118	12	4,200	.....	.....	.....	.....	.....	.....	2,135,324	4,112,577	21
55	55,063	.....	.....	1,275	546,028	1	360	4	486	112	26,905	.....	.....	.....	.....	345,349	1,371,654	22
22	31,840	1	200	183	103,182	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	245,110	474,867	23
27	20,121	.....	.....	45	17,638	2	651	11	1,286	67	26,773	.....	.....	.....	.....	64,412	196,224	24
352	376,061	4	1,702	1,837	1,584,503	.....	.....	5	1,438	64	50,306	1	150	.....	.....	2,560,641	5,786,141	25
2	988	1	312	1	300	.....	.....	.....	.....	3	1,620	.....	.....	.....	.....	1,102	4,747	26
14	13,060	.....	.....	27	18,984	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,077	65,738	27
184	178,320	1	260	949	676,556	.....	.....	10	2,552	44	24,692	.....	.....	.....	.....	678,056	1,984,805	28
29	23,840	.....	.....	2,849	2,149,178	.....	.....	9	2,416	.....	.....	.....	.....	.....	.....	2,777,306	4,923,071	29
1	900	.....	.....	150	131,603	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	114,906	256,015	30
5	2,730	.....	.....	45	22,400	4	960	.....	.....	.....	.....	.....	.....	.....	.....	131,283	172,579	31
16	26,087	2	624	241	157,508	15	4,707	4	628	.....	.....	.....	.....	.....	.....	890,026	1,463,892	32
31	40,000	.....	.....	355	215,777	.....	.....	.....	.....	7	4,720	.....	.....	.....	.....	276,121	895,260	33
495	474,047	3	2,189	440	378,747	177	66,946	23	4,261	1,255	1,003,143	142	58,561	.....	.....	2,038,616	5,288,797	34
606	275,438	1	780	224	119,752	56	20,436	.....	.....	463	226,615	534	144,656	.....	.....	1,407,404	2,568,921	35
31	34,320	435	282,994	22	8,252	1,677	597,631	7	1,331	2	2,400	37	8,174	.....	.....	1,130,837	2,547,235	36
150	108,173	31	17,698	236	101,406	416	147,028	9	2,176	20	8,344	356	95,948	.....	.....	952,751	1,751,433	37
84	117,659	4	2,180	171	100,317	52	14,830	6	1,080	1	1,000	.....	.....	.....	.....	2,183,127	2,786,521	38
10	13,200	.....	.....	17	16,006	.....	.....	.....	.....	1	150	.....	.....	.....	.....	54,260	118,989	39
118	125,094	54	23,126	300	169,829	214	53,035	13	2,423	6	2,200	7	950	.....	.....	765,558	1,685,212	40
30	30,554	.....	.....	140	105,497	.....	.....	8	1,980	291	206,840	.....	.....	.....	.....	643,740	1,182,320	41
24	20,684	.....	.....	37	16,020	.....	.....	3	600	.....	.....	.....	.....	.....	.....	146,724	239,555	42
3	2,444	.....	.....	4	2,076	1	260	9	1,844	2	960	.....	.....	.....	.....	10,190	20,800	43
.....	.....	7	4,160	.....	.....	18	6,085	.....	.....	.....	.....	1	130	.....	.....	5,811	21,508	44
9	8,420	.....	.....	39	29,936	.....	.....	6	1,200	.....	.....	.....	.....	.....	.....	22,413	120,012	45
130	139,964	5	2,480	50	41,381	1	240	4	768	13	8,100	.....	.....	.....	.....	62,847	430,783	46
37	22,051	.....	.....	23	12,721	.....	.....	1	75	1	90	.....	.....	.....	.....	32,873	108,457	47
29	25,506	10	5,649	158	121,475	96	42,070	1	260	8	9,515	4	520	.....	.....	51,173	383,693	48
8	8,635	.....	.....	15	12,722	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,995	43,706	49
14	14,256	.....	.....	9	4,678	.....	.....	1	144	.....	.....	.....	.....	.....	.....	3,216	30,600	50
9	11,524	.....	.....	10	7,768	1	304	2	312	2	400	.....	.....	.....	.....	18,328	47,445	51

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

CALIFORNIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
52	Engraving, wood	11	$4,795	$2,330	.....	.....	$2,330	$2,465	$2,389	26	$17,074
53	Fancy articles, not elsewhere specified	17	15,768	3,795	.....	.....	3,795	11,973	3,743	47	15,250
54	Fertilizers. (See also Chemicals.)	4	230,500	72,500	$19,000	$15,000	38,500	158,000	17,938	117	52,408
55	Fish, canning and preserving. (See also Food preparations.)	3	47,070	12,100	3,250	4,250	4,600	34,970	1,906	79	15,254
56	Flavoring extracts	6	99,800	29,400	.....	.....	29,400	70,400	10,128	45	26,445
57	Flouring and grist mill products	101	6,126,305	3,091,575	690,825	841,100	1,559,650	3,034,730	434,921	1,044	817,691
58	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving.)	20	244,014	131,164	24,750	33,600	72,814	112,850	44,721	166	97,063
59	Foundry and machine shop products. (See also Iron work, architectural and ornamental; Steam fittings and heating apparatus.)	154	5,841,098	3,050,016	654,300	377,668	2,018,048	2,791,082	379,824	3,502	2,944,129
60	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	61	2,622,890	826,609	255,285	278,768	292,556	1,796,281	351,334	5,792	837,855
61	Fur goods. (See also Hats and caps, not including wool hats.)	8	482,300	3,400	.....	.....	3,400	478,900	14,718	158	84,010
62	Furnishing goods, men's. (See also Shirts.)	47	1,257,533	51,720	22,500	9,000	20,220	1,205,813	70,651	1,136	487,149
63	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	106	420,914	48,491	6,000	7,525	34,966	372,423	60,903	481	375,521
64	Furniture, chairs	3	37,050	2,350	.....	.....	2,350	34,700	4,734	43	26,236
65	Furniture, factory product	32	956,091	231,205	34,600	47,965	149,240	724,886	96,399	793	583,425
66	Gas and lamp fixtures. (See also Lamps and reflectors.)	5	79,600	39,350	.....	.....	39,350	40,250	10,733	84	63,718
67	Gas, illuminating and heating	44	13,065,857	10,853,371	1,984,324	1,173,350	7,695,697	2,212,486	334,491	988	769,177
68	Gas machines and meters	4	13,975	4,100	250	250	3,600	9,875	677	8	4,766
69	Glass, cutting, staining, and ornamenting.	9	88,392	31,445	15,750	5,500	10,195	56,947	5,697	94	73,145
70	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	21	566,390	37,150	3,000	250	33,900	529,240	36,193	483	261,356
71	Glue	4	103,275	78,000	23,000	19,500	35,500	25,275	6,986	36	21,929
72	Grease and tallow. (See also Axle grease; Soap and candles.)	5	114,160	39,500	21,000	6,500	12,000	74,660	9,785	22	16,576
73	Hairwork	20	37,047	2,170	.....	.....	2,170	34,877	18,563	86	47,719
74	Hand stamps	14	84,055	34,650	.....	.....	34,650	49,405	6,673	56	44,501
75	Hardware, saddlery	4	6,765	6,180	5,000	500	680	585	511	9	3,994
76	Hats and caps, not including wool hats. (See also Fur goods.)	17	80,462	17,930	.....	.....	17,930	62,532	8,384	131	72,644
77	High explosives. (See also Ammunition.)	4	2,194,068	920,169	126,500	245,237	548,432	1,273,899	147,272	311	268,390
78	Ice, artificial	7	194,035	171,900	31,800	21,450	118,650	22,135	3,535	44	23,305
79	Instruments, professional and scientific	8	33,225	15,675	.....	.....	15,675	17,550	5,022	26	22,830
80	Iron and steel	3	3,853,481	2,031,000	282,000	285,000	1,464,000	1,822,481	159,200	925	585,909
81	Iron and steel, forgings	3	78,505	28,000	.....	1,500	26,500	50,505	8,234	44	34,024
82	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	26	455,160	139,150	6,000	10,400	122,750	316,010	35,928	374	310,317
83	Ivory and bone work	3	2,200	1,400	.....	.....	1,400	800	555	7	3,842
84	Jewelry. (See also Watch, clock, and jewelry repairing.)	43	435,928	75,315	.....	.....	75,315	360,613	24,997	285	256,869
85	Kaolin and other earth grinding	3	186,700	132,000	71,000	20,000	41,000	54,700	6,554	37	19,419
86	Lapidary work	4	5,005	685	.....	.....	685	4,320	591	8	8,066
87	Leather, tanned and curried	62	3,119,298	952,725	299,750	352,000	300,975	2,166,573	183,428	1,193	826,331
88	Lime and cement	17	862,576	765,253	529,700	140,860	94,693	97,323	25,433	288	171,258
89	Liquors, distilled	8	106,053	53,543	8,300	20,468	24,775	52,510	122,834	45	14,912
90	Liquors, malt. (See also Bottling.)	65	5,525,041	3,825,687	863,090	1,076,510	1,886,087	1,699,354	943,505	804	722,616
91	Liquors, vinous. (See also Liquors, distilled.)	128	3,729,413	1,879,835	149,795	661,550	1,068,490	1,849,578	142,512	856	290,430
92	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	8	389,060	201,572	.....	.....	201,572	187,488	34,661	275	193,782
93	Lock and gun smithing	55	49,632	32,200	6,050	4,800	21,440	17,342	11,588	98	63,242
94	Looking-glass and picture frames	32	367,800	38,235	10,000	7,100	21,135	329,565	32,583	192	133,034
95	Lumber and other mill products from logs or bolts.	221	15,833,636	12,229,367	6,454,254	856,830	4,918,283	3,604,269	537,224	4,588	1,994,565
96	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	120	3,039,308	1,442,281	236,188	243,619	962,474	1,597,027	228,869	2,350	1,778,584

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

CALIFORNIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 10 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
12	$11,999	.....	.....	9	$4,669	.....	.....	1	$156	4	$250	.....	.....	.....	.....	$2,562	$25,069	52
4	1,540	11	$5,426	6	1,548	18	$4,558	.....	.....	8	2,184	.....	.....	.....	.....	7,888	34,586	53
6	7,636	.....	.....	111	44,728	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	179,975	284,500	54
5	2,815	.....	.....	33	2,200	16	1,660	.....	.....	25	8,579	.....	.....	.....	.....	20,475	44,120	55
10	10,310	10	6,360	14	7,680	10	1,920	1	175	.....	.....	.....	.....	.....	.....	69,830	166,740	56
185	255,807	4	2,584	841	655,042	3	860	6	1,122	1	276	4	$2,000	.....	.....	12,047,810	14,206,320	57
32	25,433	.....	.....	121	67,982	1	360	12	3,288	.....	.....	.....	.....	.....	.....	339,972	583,947	58
368	386,942	2	1,320	3,116	2,537,144	3	666	58	14,392	15	3,665	.....	.....	.....	.....	3,315,669	7,767,780	59
110	79,200	6	1,858	1,874	347,762	1,093	115,245	162	8,233	257	29,403	2,063	241,954	221	$14,200	3,888,323	6,211,440	60
12	16,660	1	1,300	28	22,260	94	36,542	1	208	2	1,040	20	6,000	.....	.....	813,045	1,227,800	61
125	71,633	1	366	83	52,052	32	12,103	1	187	610	246,408	284	104,466	.....	.....	1,553,114	2,457,201	62
114	108,221	2	866	304	229,647	26	7,710	3	480	36	28,425	2	772	.....	.....	417,283	1,031,747	63
5	6,890	1	810	32	16,436	4	1,300	.....	.....	1	800	.....	.....	.....	.....	24,326	62,600	64
51	72,728	1	360	672	397,966	6	2,652	8	1,873	151	105,306	4	1,540	.....	.....	476,427	1,406,329	65
7	8,824	.....	.....	66	52,032	.....	.....	11	2,862	.....	.....	.....	.....	.....	.....	37,775	136,525	66
112	136,879	5	2,880	971	629,427	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,175,135	3,681,705	67
4	2,400	.....	.....	4	2,366	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,517	17,515	68
11	11,048	.....	.....	74	59,485	4	1,404	4	608	.....	.....	1	600	.....	.....	40,854	154,283	69
46	56,862	4	2,210	91	57,396	102	42,958	33	5,184	46	34,156	161	62,590	.....	.....	329,723	754,674	70
3	2,590	.....	.....	33	19,339	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37,656	83,912	71
8	6,516	.....	.....	14	16,660	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	136,084	172,980	72
11	12,750	10	6,731	9	5,098	56	23,134	.....	.....	.....	.....	.....	.....	.....	.....	20,197	106,767	73
19	23,197	.....	.....	33	19,640	2	988	1	156	1	526	.....	.....	.....	.....	29,582	109,932	74
5	2,418	.....	.....	4	1,576	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	874	5,920	75
20	14,912	.....	.....	17	13,928	18	6,187	2	433	19	17,115	55	21,069	.....	.....	72,454	180,565	76
26	63,926	.....	.....	280	194,770	.....	.....	.....	.....	5	9,706	.....	.....	.....	.....	978,100	2,523,770	77
6	5,268	.....	.....	36	15,497	.....	.....	.....	.....	2	2,600	.....	.....	.....	.....	19,970	83,430	78
8	7,910	.....	.....	17	14,140	.....	.....	.....	.....	1	780	.....	.....	.....	.....	7,212	43,875	79
32	45,409	.....	.....	868	534,650	.....	.....	25	5,850	.....	.....	.....	.....	.....	.....	1,363,361	2,281,402	80
6	8,500	.....	.....	36	24,900	.....	.....	2	624	.....	.....	.....	.....	.....	.....	156,023	234,439	81
36	45,016	.....	.....	309	247,662	.....	.....	7	1,395	18	15,100	.....	.....	4	1,144	411,222	914,874	82
1	416	.....	.....	6	3,426	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,749	9,100	83
56	67,268	.....	.....	218	184,366	.....	.....	3	575	8	4,660	.....	.....	.....	.....	1,097,871	1,523,971	84
6	4,750	.....	.....	25	10,569	.....	.....	.....	.....	6	4,106	.....	.....	.....	.....	64,330	135,145	85
5	6,116	.....	.....	3	1,950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,220	14,500	86
94	119,912	.....	.....	1,084	695,305	2	1,000	2	400	11	9,624	.....	.....	.....	.....	4,165,410	5,729,278	87
14	15,150	.....	.....	263	147,968	3	1,440	.....	.....	8	6,700	.....	.....	.....	.....	199,770	544,288	88
3	2,448	.....	.....	42	12,464	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53,498	229,701	89
166	128,423	4	2,040	693	590,259	3	962	4	932	.....	.....	.....	.....	.....	.....	1,179,897	3,628,236	90
126	99,092	1	780	681	177,968	17	6,895	3	140	34	5,555	.....	.....	.....	.....	840,222	1,738,863	91
23	38,934	2	696	178	133,994	35	10,736	27	5,286	4	2,920	.....	.....	6	1,222	145,445	406,044	92
67	38,527	.....	.....	35	23,655	.....	.....	2	464	4	1,196	.....	.....	.....	.....	21,402	107,767	93
46	37,724	2	1,144	125	89,044	2	672	13	2,600	4	1,850	.....	.....	.....	.....	104,680	333,806	94
266	214,555	2	1,350	4,208	1,741,080	29	7,176	6	1,850	77	27,954	.....	.....	.....	.....	4,356,045	8,453,964	95
219	266,131	4	2,780	2,035	1,480,562	2	600	56	14,444	34	14,067	.....	.....	.....	.....	2,355,575	4,941,466	96

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

CALIFORNIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
97	Malt. (See also Liquors, malt.)	7	$635,625	$428,925	$222,925	$152,500	$53,500	$206,700	$20,608	72	$60,397
98	Marble and stone work. (See also Monuments and tombstones.)	28	439,380	73,445	11,370	7,030	55,045	365,935	28,006	332	321,110
99	Masonry, brick and stone. (See also Plastering and stuccowork.)	41	563,483	106,745	55,750	11,450	39,545	456,738	96,518	762	727,567
100	Matches	3	47,064	11,284	100	150	11,034	35,780	11,141	86	34,775
101	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	19	133,372	15,330	.....	5,000	10,330	118,042	16,884	174	110,666
102	Millinery and lace goods. (See also Artificial feathers and flowers.)	5	53,800	13,500	.....	.....	13,500	40,300	5,849	60	31,234
103	Millinery, custom work	114	409,918	84,474	32,700	28,400	23,374	325,444	95,722	528	260,284
104	Mineral and soda waters. (See also Bottling.)	53	611,484	525,291	172,435	75,150	277,706	86,193	35,043	241	164,340
105	Models and patterns	10	26,030	14,050	.....	.....	14,050	11,980	4,003	36	31,125
106	Monuments and tombstones. (See also Marble and stone work.)	29	216,310	102,335	69,500	10,980	21,855	113,975	15,345	197	194,945
107	Musical instruments and materials, not specified.	12	7,925	3,550	.....	.....	3,550	4,375	2,728	16	10,203
108	Musical instruments, organs and materials.	5	25,000	10,800	6,000	2,000	2,800	14,200	3,006	16	17,134
109	Musical instruments, pianos and materials.	10	119,435	13,550	1,800	1,500	10,250	105,885	23,183	52	47,154
110	Oil, lubricating	5	180,411	19,000	.....	.....	19,000	161,411	18,711	53	54,654
111	Optical goods	3	12,225	1,300	.....	.....	1,300	10,925	2,047	14	10,064
112	Painting and paper hanging	144	398,725	102,417	21,900	18,500	62,017	296,308	65,478	1,041	904,423
113	Paints. (See also Chemicals; Varnish.)	6	388,581	149,083	.....	.....	149,083	239,498	40,308	112	82,881
114	Paper. (See also Pulp, wood.)	5	421,004	240,000	25,000	67,000	148,000	181,004	74,649	186	131,951
115	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	51	456,898	218,481	152,751	27,000	38,730	238,417	101,010	230	133,274
116	Paving and paving materials	34	588,550	158,090	17,900	2,350	137,840	430,460	42,373	882	678,157
117	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	8	24,540	7,005	2,000	3,000	2,005	17,535	4,098	27	13,105
118	Photographic materials	3	63,985	57,350	44,500	12,000	850	6,635	628	5	3,700
119	Photography	76	216,108	126,005	6,500	7,300	112,105	90,103	60,801	283	218,135
120	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	5	13,150	8,300	.....	.....	8,300	4,850	2,572	30	17,584
121	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	17	302,205	176,080	88,000	39,150	48,930	126,125	20,725	125	85,744
122	Plastering and stuccowork. (See also Masonry, brick and stone.)	19	126,080	55,710	17,000	10,450	28,260	70,370	6,060	138	136,778
123	Plumbers' supplies. (See also Brass castings and brass finishing.)	8	235,388	105,557	16,350	13,950	75,257	129,831	14,210	156	101,738
124	Plumbing and gas fitting	189	728,638	198,354	66,625	38,032	93,697	530,284	82,777	1,272	983,543
125	Printing and publishing, book and job. (See also Bookbinding and blank-book making; Printing and publishing, music.)	121	1,245,133	836,875	15,450	33,175	788,250	408,258	216,164	1,264	835,013
126	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making; Printing and publishing, music.)	376	4,345,600	3,193,578	612,282	736,802	1,844,494	1,152,022	1,118,276	3,405	2,800,203
127	Regalia and society banners and emblems.	3	25,875	2,875	.....	.....	2,875	23,000	1,257	19	15,326
128	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	28	150,837	43,024	9,750	11,600	21,774	107,813	17,706	196	137,823
129	Saddlery and harness	201	2,090,327	563,631	326,090	159,125	78,416	1,526,696	115,200	1,001	647,287
130	Safes and vaults	4	23,715	11,200	.....	.....	11,200	12,515	4,088	21	15,470
131	Salt	9	362,135	183,125	112,500	29,300	41,325	179,010	31,433	173	81,525
132	Sausage. (See also Slaughtering.)	20	32,513	13,988	.....	.....	13,988	18,525	9,126	53	31,372
133	Saws	3	154,270	81,250	30,000	8,000	43,250	73,020	19,737	52	48,272
134	Shipbuilding	33	6,863,308	5,896,480	424,222	1,766,053	3,706,205	965,828	378,104	1,792	1,468,989
135	Shirts. (See also Furnishing goods, men's.)	54	362,671	93,363	30,000	30,009	33,363	269,308	68,250	1,191	519,644
136	Show cases	6	27,035	3,950	.....	.....	3,950	23,085	4,678	27	22,044
137	Silk and silk goods	9	112,283	30,409	.....	.....	30,409	81,874	10,438	214	83,666
138	Slaughtering and meat packing, wholesale. (See also Sausage.)	18	840,830	327,050	137,050	107,500	82,500	513,780	59,479	203	170,363
139	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	32	1,379,706	115,313	37,400	15,500	62,413	1,264,393	230,729	377	353,764
140	Soap and candles. (See also Grease and tallow.)	24	925,125	426,400	161,950	67,150	197,300	498,725	103,486	275	200,455
141	Sporting goods	3	2,450	520	.....	.....	520	1,930	486		5,722

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

CALIFORNIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
10	$13,353	.....	.....	62	$47,044	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$398,153	$552,872	97
34	48,732	1	$600	293	268,708	.....	.....	.....	.....	4	$3,070	.....	.....	.....	.....	368,436	833,247	98
48	73,441	1	600	713	653,526	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,260,620	2,258,814	99
2	1,824	.....	.....	76	30,455	8	$2,496	.....	.....	.....	.....	.....	.....	.....	.....	35,358	102,383	100
17	15,057	1	624	103	62,897	11	4,936	.....	.....	37	25,152	5	$2,000	.....	.....	165,802	346,250	101
7	6,960	1	1,500	9	6,320	43	16,454	.....	.....	.....	.....	.....	.....	.....	.....	88,445	151,368	102
14	15,756	153	100,028	9	2,944	340	138,642	8	$1,114	4	1,800	.....	.....	.....	.....	530,305	1,125,755	103
65	57,937	2	1,120	167	104,137	1	150	6	996	.....	.....	.....	.....	.....	.....	134,264	546,047	104
9	7,884	.....	.....	26	23,085	.....	.....	1	156	.....	.....	.....	.....	.....	.....	5,803	50,506	105
35	47,133	1	360	158	145,808	.....	.....	2	644	1	1,000	.....	.....	.....	.....	148,536	445,750	106
12	8,279	.....	.....	3	1,724	.....	.....	.....	.....	1	200	.....	.....	.....	.....	1,969	16,073	107
4	5,760	.....	.....	10	8,854	.....	.....	.....	.....	2	2,520	.....	.....	.....	.....	7,229	34,416	108
11	11,876	.....	.....	36	32,402	1	720	1	156	3	2,000	.....	.....	.....	.....	49,042	180,860	109
15	19,650	1	500	31	33,064	4	960	2	480	.....	.....	.....	.....	.....	.....	227,170	406,529	110
3	1,800	.....	.....	11	8,264	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,810	36,500	111
165	177,551	1	480	829	702,830	.....	.....	2	287	44	23,275	.....	.....	.....	.....	549,529	1,759,482	112
11	14,627	1	600	94	65,478	4	1,760	2	416	.....	.....	.....	.....	.....	.....	599,557	979,041	113
14	24,900	3	2,280	146	92,838	12	3,073	2	780	9	8,080	.....	.....	.....	.....	399,901	630,262	114
56	50,702	3	2,620	147	72,736	15	4,938	3	390	6	1,888	.....	.....	.....	.....	184,184	634,181	115
67	91,958	1	600	814	585,599	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	890,668	1,888,244	116
5	3,477	2	1,300	10	5,780	10	2,548	.....	.....	.....	.....	.....	.....	.....	.....	24,210	63,905	117
2	1,720	.....	.....	3	1,980	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,975	35,300	118
80	85,213	9	6,415	127	89,645	41	23,244	10	2,103	9	7,426	6	3,970	1	$120	124,008	533,544	119
5	4,960	.....	.....	23	12,264	.....	.....	2	360	.....	.....	.....	.....	.....	.....	3,524	31,175	120
33	35,192	.....	.....	73	45,304	8	2,424	2	390	5	1,928	4	506	.....	.....	172,088	366,371	121
18	18,284	.....	.....	113	112,776	1	468	.....	.....	6	5,250	.....	.....	.....	.....	84,382	260,540	122
15	14,554	.....	.....	128	82,684	13	4,500	.....	.....	.....	.....	.....	.....	.....	.....	143,320	325,700	123
224	254,931	2	860	1,004	713,816	.....	.....	33	7,954	9	5,982	.....	.....	.....	.....	1,088,328	2,536,534	124
159	187,677	10	8,668	754	509,391	145	50,240	85	17,130	92	51,077	19	10,830	.....	.....	519,746	1,847,312	125
583	653,153	23	13,083	1,807	1,508,518	242	92,180	215	23,063	474	469,904	61	40,302	.....	.....	1,426,629	6,500,445	126
2	5,560	.....	.....	3	2,600	12	6,816	.....	.....	.....	.....	2	350	.....	.....	16,325	55 700	127
37	28,411	.....	.....	151	107,402	.....	.....	2	780	6	1,230	.....	.....	.....	.....	140,764	357,216	128
198	168,606	4	1,760	559	351,800	21	5,831	22	3,908	185	113,262	12	2,120	.....	.....	807,203	1,864,907	129
5	5,580	.....	.....	16	9,890	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,136	39,480	130
13	16,852	.....	.....	154	62,841	.....	.....	.....	.....	6	1,832	.....	.....	.....	.....	20,067	156,722	131
20	13,567	.....	.....	33	17,805	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76,934	132 804	132
7	9,816	.....	.....	41	37,104	.....	.....	4	1,352	.....	.....	.....	.....	.....	.....	27,996	118,160	133
15	60,146	.....	.....	1,726	1,390,623	.....	.....	.....	.....	61	18,220	.....	.....	.....	.....	1,295,562	3,547,331	134
103	81,188	7	4,368	138	84,648	453	150,694	5	1,036	238	114,454	247	83,256	.....	.....	1,015,628	1,885,578	135
8	8,212	.....	.....	17	13,416	2	416	.....	.....	.....	.....	.....	.....	.....	.....	17,960	65,836	136
7	12,580	4	2,696	47	25,720	150	39,606	2	470	2	1,870	2	624	.....	.....	146,406	271,912	137
39	48,280	1	600	163	121,483	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,927,245	2,420,673	138
102	140,730	2	820	271	211,699	.....	.....	1	240	1	275	.....	.....	.....	.....	6,147,815	7,348,185	139
59	79,530	.....	.....	180	110,490	18	4,834	5	1,022	2	1,248	11	3,331	.....	.....	827,231	1,248,080	140
2	1,820	.....	.....	5	3,692	.....	.....	.....	.....	1	210	.....	.....	.....	.....	5,329	12,887	141

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

CALIFORNIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
142	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	5	$21,850	$10,650	$2,000	$500	$8,150	$11,200	$2,967	33	$18,340
143	Stencils and brands	6	4,139	2,550	----------	----------	2,550	1,589	1,450	10	8,456
144	Stereotyping and electrotyping. (See also Type founding.)	3	85,245	37,500	----------	----------	37,500	47,745	11,230	57	47,547
145	Sugar and molasses, refining	3	5,509,965	3,904,500	562,800	1,430,000	1,911,700	1,605,465	598,118	751	536,648
146	Surgical appliances. (See also Artificial limbs.)	13	21,995	7,490	----------	----------	7,490	14,505	5,299	33	22,725
147	Timber products, not manufactured at mill.	37	350,599	284,295	211,720	----------	72,575	66,304	45,808	392	158,691
148	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	167	1,822,084	629,565	130,385	100,325	398,855	1,192,519	148,658	1,110	699,074
149	Tobacco, chewing, smoking, and snuff	3	19,410	3,200	----------	----------	3,200	16,210	10,514	30	14,696
150	Tobacco, cigars and cigarettes	231	1,873,307	113,198	27,785	11,565	73,848	1,760,109	447,892	2,847	1,279,421
151	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	9	148,595	109,900	41,700	18,600	49,600	38,695	6,219	69	61,926
152	Trunks and valises	13	241,295	18,910	1,500	1,000	16,410	222,385	22,169	171	121,802
153	Umbrellas and canes	10	21,385	3,725	----------	----------	3,725	17,660	4,455	26	20,052
154	Upholstery materials. (See also Woolen goods.)	5	48,015	37,950	21,800	6,350	9,800	10,065	1,374	29	12,644
155	Varnish. (See also Paints.)	3	38,300	8,750	5,000	1,250	2,500	29,550	7,788	14	10,232
156	Vinegar and cider	8	67,364	32,450	3,300	12,800	16,350	34,914	11,283	34	26,849
157	Watch, clock, and jewelry repairing. (See also Jewelry.)	135	127,425	70,405	9,000	5,200	56,205	57,020	36,939	260	202,030
158	Windmills	8	47,940	23,550	1,500	4,650	17,400	24,390	3,620	46	37,709
159	Window shades	6	37,700	2,450	----------	----------	2,450	35,250	5,807	27	18,052
160	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	20	1,038,967	572,533	220,400	105,300	246,833	466,434	41,785	324	196,529
161	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	24	31,715	11,805	----------	----------	11,805	19,910	7,529	78	64,134
162	Woolen goods. (See also Gloves and mittens; Hosiery and knit goods.)	8	2,618,480	1,540,103	170,300	432,705	937,098	1,078,377	168,324	1,264	287,656
163	All other industries (*a*)	102	6,382,790	3,556,823	765,100	757,175	2,034,548	2,825,967	360,172	2,159	1,387,528

a Embraces artificial limbs, 2; artists' materials, 2; babbitt metal and solder, 1; bags paper, 1; baking and yeast powders, 2; bellows, 1; belting and hose, rubber, 1; bicycle and tricycle repairing, 1; bluing, 1; boot and shoe cut stock, 1; bottling, 2; calcium lights, 1; card cutting and designing, 1; cars, steam railroad, not including operations of railroad companies, 1; cars, street railroad, not including operations of railroad companies, 2; cheese and butter, urban dairy product, 2; china, decorating, 2; chocolate and cocoa products, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, buttonholes, 2; coffins, burial cases, and undertakers' goods, 2; cordage and twine, 1; cotton goods, 1; drug grinding, 1; electrical apparatus and supplies, 1; enameling, 1; fireworks, 2; foundry supplies, 1; gas stoves, 2; glass, 1; gold and silver, leaf and foil, 1; hand knit goods, 1; hardware, 1; hosiery and knit goods, 2; house furnishing goods, not elsewhere specified, 2; ink, printing, 2; ink, writing, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1;

BY COUNTIES.

1	The State	7,923	146,797,102	80,004,604	21,352,256	15,898,565	42,753,783	66,792,498	12,984,191	83,642	51,538,780
2	Alameda	419	9,584,580	5,962,322	1,479,378	1,551,112	2,931,832	3,622,258	632,749	5,416	3,652,779
3	Alpine	6	51,100	40,100	17,300	3,000	19,800	11,000	8,645	97	48,535
4	Amador	26	161,230	105,575	8,975	23,000	73,600	55,655	8,747	146	74,336
5	Butte	51	963,015	693,015	307,975	62,760	322,280	270,000	62,036	312	159,387
6	Calaveras	15	109,155	55,830	11,590	12,810	31,430	53,325	4,946	69	23,765
7	Colusa	39	227,367	139,757	12,600	23,975	103,182	87,610	17,921	150	71,418
8	Contra Costa	30	580,073	280,169	50,550	113,537	116,082	299,904	13,677	179	113,454
9	Del Norte	9	807,650	744,325	208,950	24,400	510,975	63,325	12,135	192	71,799
10	Eldorado	17	142,945	75,840	21,710	16,200	37,930	67,105	10,566	119	39,833
11	Fresno	72	948,224	559,716	250,365	106,825	202,526	388,508	56,863	506	308,574
12	Humboldt	138	5,615,264	4,227,235	1,965,618	389,412	1,872,205	1,388,029	267,728	1,595	846,041
13	Inyo	17	174,856	97,481	33,995	22,050	41,436	77,375	5,228	55	35,449
14	Kern	18	157,899	113,015	25,900	36,015	51,100	44,884	5,172	151	83,275
15	Lake	19	172,674	137,025	55,500	20,600	60,925	35,649	6,635	65	29,107
16	Lassen	21	133,334	93,750	27,450	22,225	44,075	39,584	7,641	94	27,176
17	Los Angeles	820	7,485,403	4,083,851	894,592	858,292	2,330,967	3,401,552	731,937	5,422	3,664,905
18	Marin	16	458,018	267,800	22,550	44,600	200,650	190,218	29,814	286	152,381
19	Mariposa	4	35,850	29,650	8,500	5,500	15,650	6,200	2,584	42	10,936
20	Mendocino	69	4,718,428	3,932,191	2,433,215	217,385	1,281,591	786,237	124,736	1,080	505,829
21	Merced	24	737,131	406,991	163,031	125,834	118,126	330,140	49,548	200	105,414
22	Modoc	19	84,015	62,620	5,995	13,375	43,250	21,395	6,162	56	21,917
23	Mono	3	29,885	18,100	1,000	2,300	14,800	11,785	1,353	9	3,795
24	Monterey	31	404,826	219,896	42,088	59,350	118,458	184,930	22,000	110	69,676
25	Napa	37	650,370	321,100	130,750	64,700	125,650	329,270	56,932	806	158,168
26	Nevada	67	1,058,303	641,026	192,541	192,600	255,885	417,277	84,040	553	240,202

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

CALIFORNIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 16 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
6	$3,660	.....	.....	10	$6,180	.....	.....	.....	.....	18	$8,590	.....	.....	.....	.....	$16,816	$53,020	142
6	5,610	.....	.....	4	2,690	.....	.....	1	$156	.....	.....	.....	.....	.....	.....	2,050	16,928	143
5	9,240	.....	.....	22	15,916	3	$1,924	3	468	12	12,000	12	$8,000	.....	.....	9,946	72,876	144
28	47,295	.....	.....	722	490,573	1	780	.....	.....	.....	.....	.....	.....	.....	.....	20,822,965	22,673,850	145
10	9,540	3	$1,038	13	9,488	5	1,830	.....	.....	1	791	1	32	.....	.....	12,549	47,727	146
23	9,800	.....	.....	315	131,938	8	1,691	.....	.....	46	15,362	.....	.....	.....	.....	65,222	340,691	147
172	154,694	4	1,942	751	496,484	32	9,805	122	21,369	29	14,780	.....	.....	.....	.....	1,493,343	2,627,832	148
4	4,660	.....	.....	13	5,526	7	2,950	.....	.....	.....	.....	6	1,560	.....	.....	61,352	90,905	149
381	293,653	3	2,140	167	76,188	89	26,481	30	5,246	2,098	846,888	77	28,305	2	$520	1,015,692	3,140,248	150
12	11,978	1	520	52	48,156	.....	.....	2	522	2	750	.....	.....	.....	.....	42,682	151,670	151
24	30,843	.....	.....	111	72,663	7	2,756	14	3,840	15	11,700	.....	.....	.....	.....	187,515	389,627	152
11	9,866	2	1,740	6	4,760	5	2,132	.....	.....	2	1,566	.....	.....	.....	.....	16,290	58,211	153
3	2,916	.....	.....	26	9,728	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,818	32,460	154
5	4,800	.....	.....	9	5,432	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,190	61,110	155
14	12,900	.....	.....	20	13,940	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51,678	97,396	156
118	166,484	3	1,000	122	88,071	1	1,000	4	700	12	4,715	.....	.....	.....	.....	73,091	365,873	157
13	12,550	.....	.....	33	25,169	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73,644	125,105	158
5	6,160	1	600	14	10,030	3	1,080	1	182	3	1,000	.....	.....	.....	.....	47,336	84,776	159
41	41,249	.....	.....	194	118,675	.....	.....	33	8,260	55	28,185	.....	.....	1	160	807,176	1,073,031	160
24	22,946	.....	.....	49	39,388	.....	.....	3	770	2	1,030	.....	.....	.....	.....	16,211	101,867	161
42	41,590	.....	.....	872	192,358	303	44,915	24	1,554	8	2,053	15	5,188	.....	.....	788,916	1,325,033	162
181	219,455	8	3,187	1,440	964,118	236	87,010	121	21,335	89	63,608	83	28,119	1	96	4,508,297	6,883,563	163

japanning, 1; jewelry and instrument cases, 2; lamps and reflectors, 1; lasts, 2; lead, bar, pipe, and sheet, 1; mantels, slate, marble, and marbleized, 1; mirrors, 1; oakum, 1; oil, illuminating, not including petroleum, refining, 1; oil, linseed, 2; paper patterns, 2; pens, gold, 1; petroleum, refining, 2; pipes, tobacco, 2; printing and publishing, music, 1; printing materials, 1; pulp, wood, 1; pulp from fiber, other than wood, 1; pumps, not including steam pumps, 2; rubber and elastic goods, 2; sewing machine repairing, 1; sewing machines and attachments, 1; shoddy, 1; silversmithing, 1; springs, steel, car and carriage, 1; stamped ware, 2; stationery goods, not elsewhere specified, 1; sugar and molasses, beet, 2; taxidermy, 2; toys and games, 1; type founding, 2; washing machines and clothes wringers, 2; watch and clock materials, 1; wheelbarrows, 1; whips, 1; woodenware, not elsewhere specified, 1.

BY COUNTIES.

9,972	9,774,950	974	690,912	50,569	32,913,974	6,968	2,130,192	1,513	261,478	8,496	4,674,798	4,806	1,158,850	344	33,626	120243,683	213,403,996	1
535	661,325	68	33,974	3,749	2,062,849	281	108,895	208	30,953	324	192,298	177	49,677	84	12,808	5,927,963	12,059,172	2
1	900	.....	.....	90	47,635	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,400	93,117	3
20	17,946	.....	.....	85	51,790	1	600	.....	.....	10	2,560	.....	.....	30	1,500	116,314	233,192	4
87	25,421	.....	.....	271	133,291	2	500	1	100	1	75	.....	.....	.....	.....	504,421	843,800	5
9	6,105	1	300	51	17,980	.....	.....	1	180	1	200	.....	.....	.....	.....	34,098	79,240	6
33	25,296	.....	.....	98	44,806	2	462	17	854	.....	.....	.....	.....	.....	.....	115,329	242,454	7
60	50,924	.....	.....	122	62,310	2	520	.....	.....	5	9,700	.....	.....	.....	.....	289,412	482,485	8
7	8,483	.....	.....	160	66,756	16	1,560	.....	.....	.....	.....	.....	.....	.....	.....	106,564	224,893	9
9	6,948	.....	.....	107	32,539	2	300	1	40	.....	.....	.....	.....	.....	.....	50,665	122,081	10
61	49,028	2	1,040	401	251,000	35	6,553	6	936	1	17	.....	.....	.....	.....	697,725	1,322,361	11
124	102,299	.....	.....	1,371	707,791	23	8,416	8	1,601	66	24,166	3	1,768	.....	.....	2,056,063	3,893,498	12
0	8,181	1	520	43	26,322	1	400	1	26	.....	.....	.....	.....	.....	.....	73,179	179,375	13
11	11,373	.....	.....	98	58,715	.....	.....	1	156	41	13,031	.....	.....	.....	.....	43,896	166,905	14
15	10,408	.....	.....	49	18,119	1	520	.....	.....	.....	.....	.....	.....	.....	.....	57,626	106,417	15
17	6,810	.....	.....	74	20,110	3	256	.....	.....	.....	.....	.....	.....	.....	.....	64,056	117,915	16
952	1,042,091	206	126,030	3,048	2,023,875	467	145,454	55	9,842	416	271,611	272	44,180	6	1,222	5,238,991	10,440,703	17
12	11,985	.....	.....	272	139,856	1	360	1	180	.....	.....	.....	.....	.....	.....	87,567	374,598	18
4	1,700	.....	.....	35	8,716	2	416	1	104	.....	.....	.....	.....	.....	.....	7,243	25,787	19
80	75,808	.....	.....	951	408,684	8	1,245	6	1,498	35	18,694	.....	.....	.....	.....	969,937	1,992,385	20
14	15,213	.....	.....	108	86,397	4	1,080	3	924	11	1,800	.....	.....	.....	.....	263,540	537,831	21
17	7,654	.....	.....	32	11,015	6	2,072	.....	.....	1	276	.....	.....	.....	.....	33,157	70,471	22
8	1,820	.....	.....	4	1,775	.....	.....	.....	.....	.....	.....	2	200	.....	.....	5,352	14,466	23
24	17,035	.....	.....	81	51,197	1	312	4	532	.....	.....	.....	.....	.....	.....	494,461	642,772	24
82	27,412	9	4,149	239	118,244	25	8,233	1	130	.....	.....	.....	.....	.....	.....	475,080	751,613	25
53	40,190	.....	.....	455	189,510	8	974	15	1,328	27	8,260	.....	.....	.....	.....	412,724	901,784	26

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

CALIFORNIA—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
27	Orange	34	$269,638	$179,350	$40,550	$57,680	$81,120	$90,288	$13,058	117	$59,576
28	Placer	59	1,166,637	622,503	125,190	177,481	319,832	544,134	141,953	483	296,171
29	Plumas	21	124,618	75,170	21,030	13,310	40,830	49,448	16,570	108	40,735
30	Sacramento	326	5,742,378	2,655,886	614,020	825,793	1,216,073	3,086,492	444,410	4,597	3,013,408
31	San Benito	15	464,280	398,965	269,415	67,850	61,700	65,315	19,224	85	48,696
32	San Bernardino	70	1,143,910	790,987	356,700	109,920	333,367	352,923	61,926	738	270,695
33	San Diego	88	1,394,224	1,107,252	345,756	148,500	612,996	286,972	108,170	704	408,610
34	San Francisco	4,059	74,834,301	34,910,201	7,095,535	6,613,851	20,300,815	39,924,100	8,322,483	48,446	30,979,374
35	San Joaquin	232	4,617,458	1,915,851	428,993	548,086	938,772	2,701,607	468,129	1,876	1,474,962
36	San Luis Obispo	39	134,888	71,178	17,825	15,259	38,103	63,710	13,562	110	66,352
37	San Mateo	21	359,065	151,750	45,600	46,750	59,400	207,315	16,382	164	95,676
38	Santa Barbara	35	178,262	96,425	16,150	16,800	63,475	81,837	16,357	122	65,110
39	Santa Clara	217	3,878,361	1,880,261	508,130	457,555	914,576	1,998,100	408,247	3,013	1,197,370
40	Santa Cruz	111	4,099,895	2,194,295	635,150	362,214	1,196,931	1,905,600	198,252	1,183	751,600
41	Shasta	22	192,277	136,082	32,880	30,100	73,102	56,195	15,548	179	50,216
42	Sierra	11	151,600	109,000	29,550	27,750	51,700	42,600	7,867	105	34,558
43	Siskiyou	45	752,588	460,795	168,965	78,380	213,450	291,793	32,198	465	233,364
44	Solano	54	6,050,832	5,397,746	154,555	1,563,985	3,679,206	653,086	71,647	788	567,684
45	Sonoma	231	2,340,246	1,451,670	551,460	358,923	541,287	888,576	173,954	1,539	569,767
46	Stanislaus	21	208,963	136,915	8,700	42,300	85,915	72,048	19,025	76	57,873
47	Sutter	14	90,283	40,498	5,023	15,850	19,625	49,785	10,649	226	34,050
48	Tehama	44	865,555	632,150	414,305	46,445	171,400	233,405	29,458	193	97,336
49	Trinity	9	51,450	34,600	8,350	9,150	17,100	16,850	925	22	5,345
50	Tulare	40	388,259	267,326	53,866	45,910	167,550	120,933	22,897	282	166,586
51	Tuolumne	15	110,990	52,790	5,475	21,975	25,340	58,200	8,781	66	36,090
52	Ventura	13	368,358	274,578	41,500	22,550	210,528	93,780	21,777	66	42,099
53	Yolo	36	205,218	121,690	18,090	36,150	67,450	83,528	15,285	97	48,915
54	Yuba	54	1,120,973	530,319	67,375	135,200	327,735	590,663	75,642	588	317,251

COLORADO.

BY SPECIFIED INDUSTRIES.

1	All industries	1,518	26,651,840	14,911,757	3,628,793	3,965,498	8,217,556	11,740,083	1,948,025	17,067	12,285,734
2	Awnings, tents, and sails	3	43,780	6,080	.....	.....	6,080	37,700	4,237	50	32,686
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	141	312,433	181,965	77,690	55,990	48,285	130,468	36,735	366	329,942
4	Bookbinding and blank-book making. (See also Printing and publishing.)	5	68,535	34,100	5,000	1,000	28,100	34,435	7,892	93	53,025
5	Boots and shoes, custom work and repairing.	133	160,528	90,390	37,460	22,780	30,150	70,138	36,614	274	215,138
6	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	3	11,450	4,700	.....	600	4,100	6,750	1,312	19	14,338
7	Bread and other bakery products	58	381,385	202,402	34,800	31,500	136,102	178,983	57,482	389	290,636
8	Brick and tile. (See also Clay and pottery products.)	83	1,747,782	735,552	364,815	110,219	260,527	1,012,239	114,461	2,254	1,099,513
9	Brooms and brushes	3	3,205	1,925	.....	300	725	2,180	520	12	9,300
10	Carpentering	69	605,808	222,005	124,200	70,325	27,480	383,803	32,916	620	609,606
11	Carpets, rag	7	3,874	1,650	.....	650	1,000	2,224	1,009	9	4,183
12	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	29	674,190	344,035	189,050	79,350	93,635	330,065	33,689	375	341,184
13	Cars and general shop construction and repairs by steam railroad companies.	10	1,551,311	1,328,876	179,300	220,100	929,476	222,435	.....	1,392	1,071,509
14	Cheese, butter, and condensed milk, factory product.	6	30,065	22,350	3,450	9,750	9,150	7,715	2,208	20	13,840
15	Clay and pottery products. (See also Brick and tile.)	6	232,640	122,736	47,883	33,121	41,732	109,904	10,215	121	87,249
16	Clothing, men's, custom work and repairing.	86	348,329	76,619	47,590	7,409	21,719	271,719	65,540	533	459,376
17	Clothing, women's, dressmaking	21	98,617	9,471	3,250	1,850	4,371	89,146	12,400	158	86,502
18	Clothing, women's, factory product	4	235,664	10,000	.....	.....	10,000	225,664	41,051	350	169,966
19	Coke	7	594,393	561,049	600	20,500	539,940	33,353	1,360	253	166,735
20	Confectionery	14	140,500	28,275	.....	.....	28,275	112,225	21,688	185	122,387
21	Dentistry, mechanical	19	28,215	11,050	.....	.....	11,050	17,165	11,489	27	36,795
22	Dyeing and cleaning	4	36,135	32,710	18,000	10,000	4,710	3,425	2,284	23	19,430
23	Flouring and grist mill products	33	2,135,085	1,295,600	289,000	432,700	593,900	839,485	126,540	291	109,780
24	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	31	1,823,691	1,191,559	434,700	231,950	525,809	632,132	84,193	824	686,007

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

CALIFORNIA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecoworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
21	$12,468	.....	.....	86	$35,778	1	$350	.....	.....	9	$2,080	.....	.....	.....	.....	$106,982	$203,673	27
32	29,337	4	$1,560	431	257,764	14	5,010	.....	.....	2	2,500	.....	.....	.....	.....	317,478	942,293	28
13	5,900	.....	.....	94	34,615	1	220	.....	.....	.....	.....	.....	.....	.....	.....	36,611	110,217	29
309	305,634	32	20,619	3,252	2,396,933	236	91,292	25	$5,377	253	146,274	440	$45,279	50	$2,000	6,062,817	10,524,275	30
7	5,690	.....	.....	77	42,756	.....	.....	1	250	.....	.....	.....	.....	.....	.....	279,704	393,174	31
59	43,921	1	520	380	188,568	217	14,311	57	2,250	24	21,125	.....	.....	.....	.....	463,280	955,661	32
102	89,175	8	3,997	485	270,990	62	15,906	14	3,282	30	22,654	3	2,606	.....	.....	389,006	1,125,812	33
6,111	6,041,869	571	346,389	25,599	18,149,095	4,429	1,490,428	964	185,312	6,909	3,777,602	3,755	978,709	108	9,910	78,656,470	135,625,754	34
262	324,264	53	38,298	1,208	998,173	139	49,801	15	2,924	104	59,002	5	2,500	.....	.....	5,671,810	8,587,518	35
33	24,377	.....	.....	68	37,298	1	624	2	408	4	3,560	.....	.....	2	25	59,731	180,626	36
12	11,876	.....	.....	152	83,800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	283,101	528,699	37
31	21,084	.....	.....	69	36,949	11	5,300	7	425	.....	.....	4	1,352	.....	.....	58,435	177,429	38
212	201,217	5	1,926	2,215	858,228	291	69,797	49	4,878	115	42,092	85	17,218	41	2,014	3,053,516	5,720,249	39
130	150,084	4	2,614	992	572,446	19	5,539	6	936	30	19,252	2	729	.....	.....	1,977,010	3,836,566	40
18	7,599	.....	.....	134	40,517	17	1,600	10	500	.....	.....	.....	.....	.....	.....	108,413	211,531	41
5	2,700	.....	.....	99	31,598	1	260	.....	.....	.....	.....	.....	.....	.....	.....	68,407	131,370	42
31	20,253	.....	.....	420	210,459	6	1,850	8	802	.....	.....	.....	.....	.....	.....	373,230	760,674	43
57	60,001	2	770	672	488,523	5	1,552	5	738	2	2,100	25	10,000	20	4,000	786,576	1,660,091	44
176	110,268	6	3,000	979	407,124	311	32,855	6	1,620	31	12,201	27	2,552	3	147	991,918	2,027,755	45
18	16,195	1	500	44	34,118	3	850	2	600	4	4,530	4	1,080	.....	.....	115,360	208,241	46
19	9,012	.....	.....	52	9,038	150	13,500	.....	.....	5	2,500	.....	.....	.....	.....	47,013	96,836	47
42	29,680	4	674	113	57,958	5	1,050	4	474	25	7,500	.....	.....	.....	.....	210,840	408,857	48
3	1,355	.....	.....	18	3,830	1	160	.....	.....	.....	.....	.....	.....	.....	.....	8,178	23,030	49
34	25,950	.....	.....	226	132,884	16	6,082	4	670	.....	.....	2	1,000	.....	.....	221,211	444,856	50
21	14,585	.....	.....	41	20,629	2	104	1	72	1	700	.....	.....	.....	.....	61,005	118,465	51
3	920	.....	.....	55	39,499	5	1,170	2	390	1	120	.....	.....	.....	.....	354,963	475,501	52
21	14,214	.....	.....	73	33,201	2	900	.....	.....	1	600	.....	.....	.....	.....	157,613	288,069	53
61	68,307	6	3,432	376	209,121	137	30,553	1	120	7	5,718	.....	.....	.....	.....	1,178,242	1,717,459	54

COLORADO.

BY SPECIFIED INDUSTRIES.

1,923	2,323,926	128	89,403	12,899	8,835,749	1,114	470,557	272	50,861	622	473,532	109	41,706	.....	.....	20,848,516	42,480,205	1
5	7,115	1	300	13	9,388	31	15,883	.....	.....	.....	.....	.....	.....	.....	.....	80,758	141,471	2
142	139,216	.....	.....	217	180,124	1	150	4	736	2	716	.....	.....	.....	.....	202,443	656,380	3
10	11,820	.....	.....	66	37,015	11	3,049	6	1,141	.....	.....	.....	.....	.....	.....	39,793	140,010	4
132	115,280	.....	.....	110	80,076	.....	.....	1	166	31	19,616	.....	.....	.....	.....	113,787	418,469	5
4	4,160	.....	.....	12	8,306	3	1,872	.....	.....	.....	.....	.....	.....	.....	.....	11,112	33,600	6
80	99,462	11	7,848	214	157,136	48	15,036	1	104	.....	.....	35	11,050	.....	.....	630,777	1,195,324	7
109	100,065	1	262	2,002	941,037	4	660	55	9,558	83	47,931	.....	.....	.....	.....	306,933	2,023,076	8
2	4,160	.....	.....	9	5,140	1	500	.....	.....	.....	.....	.....	.....	.....	.....	9,335	27,000	9
77	97,653	1	600	550	511,041	.....	.....	1	312	.....	.....	.....	.....	.....	.....	603,000	1,496,404	10
2	925	2	1,240	.....	.....	4	1,818	1	200	.....	.....	.....	.....	.....	.....	4,681	12,940	11
50	72,427	1	2,400	322	265,421	.....	.....	2	936	.....	.....	.....	.....	.....	.....	332,944	858,499	12
26	47,700	.....	.....	1,366	1,023,809	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	894,090	1,965,696	13
10	7,630	.....	.....	10	6,210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75,226	110,924	14
15	24,960	.....	.....	99	60,089	.....	.....	6	1,300	1	900	.....	.....	.....	.....	88,167	215,542	15
93	111,865	1	624	221	192,605	52	25,824	4	676	129	114,486	33	13,296	.....	.....	352,270	1,003,783	16
1	2,400	18	14,782	5	4,940	132	64,172	2	208	.....	.....	.....	.....	.....	.....	109,675	257,740	17
1	1,820	7	6,500	2	4,080	340	157,566	.....	.....	.....	.....	.....	.....	.....	.....	260,162	642,760	18
6	5,070	.....	.....	138	85,487	.....	.....	.....	.....	109	76,178	.....	.....	.....	.....	408,183	673,479	19
32	41,214	6	3,470	89	61,689	58	16,014	.....	.....	.....	.....	.....	.....	.....	.....	251,720	549,760	20
18	30,140	1	624	5	5,096	3	936	.....	.....	.....	.....	.....	.....	.....	.....	11,692	83,650	21
5	6,140	1	1,040	14	10,660	3	1,590	.....	.....	.....	.....	.....	.....	.....	.....	6,101	34,850	22
45	50,226	.....	.....	244	149,102	.....	.....	1	312	1	50	.....	.....	.....	.....	3,155,919	3,898,166	23
70	94,462	3	3,524	748	587,145	.....	.....	3	876	.....	.....	.....	.....	.....	.....	705,030	1,792,619	24

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

COLORADO—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
25	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	3	$158,000	$89,000	$55,000	$16,500	$17,500	$69,000	$7,467	110	$60,730
26	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	17	92,390	9,725	.....	.....	9,725	82,665	21,620	100	87,370
27	Furniture, factory product. (See also Furniture, chairs.)	5	169,450	18,450	5,000	4,000	9,450	151,000	17,310	115	106,684
28	Gas, illuminating and heating	6	1,277,262	1,226,780	135,006	177,775	914,005	50,482	22,927	111	114,549
29	Grease and tallow. (See also Soap and candles.)	3	110,125	75,950	20,000	25,200	30,750	34,175	282	21	7,528
30	Hand stamps	5	19,925	7,800	.....	.....	7,800	12,125	4,080	18	14,444
31	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	14	142,200	26,850	.....	300	26,550	115,350	13,625	168	137,447
32	Jewelry. (See also Watch, clock, and jewelry repairing.)	4	86,075	14,050	.....	.....	14,050	72,025	9,030	29	29,555
33	Lime and cement	16	266,192	202,720	109,000	44,520	49,200	63,472	14,714	162	108,110
34	Liquors, malt. (See also Bottling.)	11	1,917,050	1,126,500	289,900	336,100	500,500	790,550	252,024	269	284,687
35	Lock and gun smithing	4	4,025	2,250	.....	.....	2,250	1,775	1,568	9	9,052
36	Looking-glass and picture frames	4	41,849	31,219	.....	30,000	1,219	10,630	1,742	19	17,080
37	Lumber and other mill products from logs or bolts.	109	838,656	487,251	113,355	33,450	340,446	351,405	45,767	904	323,413
38	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	18	2,101,580	725,185	390,385	177,600	157,200	1,376,395	82,234	1,094	846,370
39	Marble and stone work. (See also Monuments and tombstones.)	4	98,510	15,100	2,000	800	12,300	83,410	1,863	131	150,072
40	Masonry, brick and stone. (See also Plastering and stuccowork.)	6	180,725	41,675	.....	5,000	36,675	139,050	8,234	352	363,526
41	Millinery, custom work	35	185,055	37,610	18,200	9,700	9,710	147,445	35,052	181	97,393
42	Mineral and soda waters. (See also Bottling.)	11	69,333	43,300	6,500	4,000	32,800	26,033	7,929	60	44,081
43	Monuments and tombstones. (See also Marble and stone work.)	3	63,785	36,750	30,000	3,500	3,250	27,035	560	15	16,828
44	Painting and paper hanging	5	20,945	925	.....	.....	925	20,020	1,692	25	23,148
45	Paints. (See also Chemicals.)	4	79,800	13,400	.....	.....	13,400	66,400	9,850	44	34,828
46	Paving and paving materials	3	76,693	36,297	4,500	3,500	28,297	40,396	5,558	49	34,450
47	Photography	5	16,085	12,500	4,000	1,500	7,000	3,585	3,300	8	8,100
48	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	3	154,300	70,600	34,300	16,500	19,800	83,700	6,374	110	40,677
49	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	28	259,640	168,700	30,000	10,000	128,700	90,940	25,469	208	172,238
50	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	159	1,221,866	849,442	64,515	139,977	644,950	372,424	257,337	1,221	1,064,301
51	Saddlery and harness	33	326,595	53,292	19,700	19,000	14,592	273,303	35,728	181	155,627
52	Slaughtering and meat packing, wholesale. (See also Slaughtering, wholesale, not including meat packing.)	4	340,150	117,050	40,000	19,900	57,150	223,100	29,640	91	77,492
53	Timber products, not manufactured at mill.	11	102,905	37,365	28,450	.....	8,915	65,540	18,830	313	168,055
54	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	38	212,607	48,030	1,100	1,700	45,230	164,577	29,968	200	167,975
55	Tobacco, cigars and cigarettes	43	267,566	23,230	5,900	9,200	8,130	244,336	58,929	329	245,565
56	Trunks and valises. (See also Leather goods.)	4	37,768	8,583	4,000	2,000	2,583	29,185	6,142	28	26,294
57	Watch, clock, and jewelry repairing. (See also Jewelry.)	39	80,994	27,334	3,000	3,000	21,334	53,660	25,099	101	96,402
58	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	3	5,905	3,350	.....	1,200	2,150	2,555	1,357	13	12,844
59	All other industries (a)	83	4,358,309	2,709,313	387,200	639,400	1,682,713	1,648,996	178,889	1,631	1,090,191

a Embracee artificial feathers and flowers, 1; baking and yeast powders, 2; baskets and rattan and willow ware, 1; bicycle and tricycle repairing, 2; boot and shoe uppers, 2; bottling, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 2; carriage and wagon materials, 1; chemicals, 1; clothing, men's, factory product, 2; electroplating, 1; engraving and diesinking, 2; fancy articles, not elsewhere specified, 1; fertilizers, 1; food preparations, 2; fur goods, 2; furnishing goods, men's, 1; furniture, chairs, 1; glass, 1; glass, cutting, staining, and ornamenting, 2; hairwork, 2; hosiery and knit goods, 2; ice, artificial, 1; instruments, professional and scientific, 1; iron and steel, 2; kaolin and other earth grinding, 2; kindling wood, 1; lead, bar, pipe, and sheet, 1; leather goods, 1; leather, tanned

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

COLORADO—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
11	$14,800	.....	.....	41	$30,562	50	$14,120	8	$1,248	.....	.....	.....	.....	.....	.....	$90,420	$207,424	25
25	28,676	.....	.....	71	56,926	3	1,508	1	260	.....	.....	.....	.....	.....	.....	58,484	201,991	26
9	13,000	.....	.....	105	93,320	1	364	.....	.....	.....	.....	.....	.....	.....	.....	122,513	307,761	27
15	35,940	.....	.....	96	78,609	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	113,022	561,667	28
1	780	.....	.....	18	6,228	1	312	1	208	.....	.....	.....	.....	.....	.....	7,687	19,240	29
5	5,556	.....	.....	11	7,484	1	624	.....	.....	1	$780	.....	.....	.....	.....	14,254	49,300	30
19	31,350	.....	.....	148	105,842	.....	.....	1	255	.....	.....	.....	.....	.....	.....	130,585	332,500	31
7	9,162	.....	.....	21	20,237	.....	.....	1	156	.....	.....	.....	.....	.....	.....	46,912	116,400	32
11	11,985	.....	.....	151	97,025	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51,861	223,196	33
32	68,280	1	$2,000	232	211,907	.....	.....	.....	.....	4	2,500	.....	.....	.....	.....	555,149	1,601,168	34
4	5,400	.....	.....	5	3,652	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,985	14,850	35
8	10,470	.....	.....	7	5,002	3	1,248	.....	.....	1	360	.....	.....	.....	.....	15,340	36,976	36
55	32,578	.....	.....	816	272,790	7	1,135	.....	.....	26	16,910	.....	.....	.....	.....	609,693	1,172,190	37
77	123,420	2	1,380	1,013	720,258	.....	.....	1	312	1	1,000	.....	.....	.....	.....	2,602,021	4,318,462	38
10	12,304	.....	.....	120	136,968	.....	.....	.....	.....	1	800	.....	.....	.....	.....	111,325	300,003	39
8	12,244	.....	.....	344	351,282	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	452,203	1,050,174	40
8	6,060	52	33,938	3	2,580	118	53,915	.....	.....	.....	.....	.....	.....	.....	.....	193,370	372,762	41
13	14,730	.....	.....	47	29,351	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60,132	167,692	42
2	4,000	.....	.....	13	12,828	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,940	54,500	43
4	4,140	.....	.....	21	19,008	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,720	49,000	44
11	11,690	.....	.....	32	22,826	1	312	.....	.....	.....	.....	.....	.....	.....	.....	382,948	489,620	45
4	5,732	.....	.....	45	28,718	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37,421	109,620	46
4	4,700	.....	.....	3	2,700	.....	.....	.....	.....	1	700	.....	.....	.....	.....	4,008	26,220	47
8	11,560	.....	.....	50	21,655	52	7,462	.....	.....	.....	.....	.....	.....	.....	.....	101,428	160,450	48
38	54,480	1	468	151	109,393	12	6,285	6	1,612	.....	.....	.....	.....	.....	.....	139,455	430,117	49
204	208,924	9	3,978	786	738,797	58	29,792	89	16,099	71	64,613	4	$2,098	.....	.....	439,558	2,211,057	50
46	53,332	.....	.....	126	98,412	2	728	3	780	4	2,375	.....	.....	.....	.....	143,947	430,072	51
14	21,668	.....	.....	77	55,824	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,825,249	2,128,030	52
6	4,880	.....	.....	306	100,875	1	300	.....	.....	.....	.....	.....	.....	.....	.....	37,365	191,559	53
52	60,509	.....	.....	138	103,510	7	3,040	2	416	1	500	.....	.....	.....	.....	220,377	496,998	54
51	66,071	2	900	167	115,832	21	9,246	7	1,650	75	58,238	6	3,628	.....	.....	203,243	575,161	55
6	11,532	.....	.....	20	13,612	.....	.....	.....	.....	2	1,150	.....	.....	.....	.....	14,907	76,256	56
48	50,257	1	360	48	43,409	1	1,200	1	156	2	1,020	.....	.....	.....	.....	38,763	180,650	57
4	4,576	.....	.....	9	8,268	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,630	24,600	58
168	243,230	6	3,165	1,202	724,373	84	33,896	64	11,184	76	62,709	31	11,634	.....	.....	3,323,704	5,560,397	59

and curried, 1; lithographing and engraving, 2; mattresses and spring beds, 2; models and patterns, 1; oil, lubricating, 1; oleomargarine, 1; optical goods, 2; patent medicines and compounds, 1; petroleum, refining, 2; pipes, tobacco, 1; plastering and stuccowork, 1; plumbers' supplies, 1; plumbing and gas fitting, 2; printing materials, 1; roofing and roofing materials, 1; scales and balances, 1; shirts, 1; slaughtering, wholesale, not including meat packing, 1; smelting and refining, 2; soap and candles, 2; stamped ware, 1; steam fittings and heating apparatus, 1; stencils and brands, 2; stereotyping and electrotyping, 2; taxidermy, 2; tools, not elsewhere specified, 2; watch cases, 1; wirework, including wire rope and cable, 1.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY COLORADO—Continued.

BY COUNTIES.

	COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	The State	1,518	$26,651,840	$14,911,757	$3,628,703	$3,065,498	$8,217,556	$11,740,083	$1,948,025	17,067	$12,285,734
2	Arapahoe	781	17,121,733	8,582,689	2,691,450	1,634,235	4,257,004	8,539,044	1,356,327	10,921	8,570,315
3	Bent	4	9,760	6,725	2,000	1,350	3,375	3,035	822	8	5,200
4	Boulder	10	228,500	125,750	2,350	39,550	83,850	102,750	28,895	108	33,605
5	Chaffee	16	106,449	68,251	7,400	10,050	50,801	38,198	12,259	265	189,119
6	Clear Creek	18	92,549	57,814	7,265	8,100	42,449	34,735	4,330	48	27,092
7	Conejos	15	60,600	50,450	1,250	7,100	42,100	10,150	3,849	68	17,887
8	Costilla	3	8,125	5,900	800	2,200	2,900	2,225	422	8	3,480
9	Custer	5	10,100	7,200	450	750	6,000	2,900	1,129	14	3,854
10	Delta	6	22,301	20,006	2,400	6,650	10,956	2,295	1,395	22	3,475
11	Dolores	4	5,500	5,500	200	200	5,100	.....	320	10	1,464
12	Douglas	6	46,380	40,080	21,500	2,250	16,330	6,300	2,929	59	19,785
13	Eagle	4	17,505	12,300	4,500	500	7,300	5,205	1,086	19	13,368
14	Elbert	6	8,188	4,125	550	1,050	2,525	4,063	824	7	3,450
15	El Paso	24	446,726	288,195	75,175	121,607	91,413	158,531	28,620	641	373,249
16	Fremont	47	827,713	650,685	105,210	215,975	329,500	177,028	35,374	248	149,133
17	Garfield	6	172,045	159,700	7,600	24,600	127,500	12,345	5,630	53	38,553
18	Gilpin	9	85,850	48,400	6,100	18,800	23,500	37,450	13,407	60	36,340
19	Grand	4	7,300	5,500	550	600	4,350	1,800	520	16	3,980
20	Gunnison	12	187,970	175,260	3,800	19,550	151,910	12,710	4,729	63	48,212
21	Hinsdale	5	36,046	18,650	2,850	2,250	13,550	17,396	1,263	28	11,337
22	Huerfano	15	35,945	27,690	4,290	5,600	17,800	8,255	4,517	43	19,843
23	Jefferson	36	491,285	312,715	65,333	107,456	139,926	178,570	44,786	445	231,290
24	Kiowa	5	4,625	4,050	500	1,200	2,350	575	526	6	2,342
25	Kit Carson	6	5,408	4,110	700	1,300	2,110	1,298	609	8	2,858
26	Lake	62	629,677	302,605	32,400	47,150	223,055	327,072	49,404	366	372,788
27	La Plata	20	196,315	119,495	17,550	23,090	78,855	76,820	9,191	165	79,087
28	Larimer	24	382,270	216,260	38,070	77,700	100,490	166,010	20,481	88	45,595
29	Las Animas	60	818,316	664,038	100,975	69,685	493,378	154,278	43,134	483	273,109
30	Mesa	11	90,680	71,897	4,500	11,100	56,297	18,783	6,101	94	33,169
31	Montezuma	3	25,700	14,650	3,000	1,150	10,500	11,050	2,445	16	3,762
32	Montrose	11	165,510	75,300	4,950	18,350	52,000	90,210	16,551	63	31,336
33	Morgan	7	5,750	3,385	100	100	3,185	2,365	1,014	20	8,290
34	Otero	6	53,604	37,800	4,600	9,050	24,150	15,804	1,889	118	75,882
35	Park	23	148,735	81,895	27,860	8,975	45,060	66,840	20,092	340	130,071
36	Pitkin	52	327,172	198,381	86,050	43,310	69,021	128,791	37,543	309	271,616
37	Prowers	6	5,600	4,825	25	50	4,750	775	1,096	9	4,960
38	Pueblo	112	3,203,262	2,113,657	277,070	418,085	1,418,502	1,089,605	133,507	1,556	997,439
39	Rio Blanco	6	17,060	11,725	550	2,400	8,775	5,335	2,025	16	4,510
40	Rio Grande	4	67,400	33,475	1,000	10,000	22,475	33,925	3,681	24	15,524
41	Routt	6	32,395	25,290	4,850	1,900	18,540	7,105	4,331	30	6,610
42	Saguache	3	15,993	9,600	250	1,650	7,700	6,393	1,769	16	7,400
43	San Miguel	8	18,089	11,669	1,035	4,300	6,334	6,420	3,544	14	13,100
44	Sedgwick	3	2,990	1,750	200	350	1,200	1,240	554	5	2,830
45	Summit	6	18,035	13,900	900	1,750	11,250	4,135	3,892	31	21,060
46	Washington	7	9,827	6,315	1,350	540	4,425	3,512	1,398	11	5,448
47	Weld	15	340,437	183,750	5,600	76,100	102,050	156,687	22,320	96	56,847
48	Yuma	5	5,070	3,740	210	390	3,140	1,330	575	9	4,210
49	All other counties (a)	11	33,350	24,610	1,385	5,400	17,825	8,740	6,930	20	11,840

a Includes establishments distributed as follows: Archuleta, 1; Baca, 1; Cheyenne, 2; Lincoln, 1; Logan, 1; Ouray, 2; Phillips, 1; San Juan, 2.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

COLORADO—Continued.

BY COUNTIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1,923	$2,323,926	128	$89,403	12,899	$8,835,749	1,114	$470,557	272	$50,861	622	$473,532	109	$41,706	.....	.....	$20,848,516	$42,480,205	1
1,278	1,695,094	84	63,269	8,095	6,105,412	903	401,057	154	32,978	309	237,105	98	35,400	.....	.....	14,715,770	30,048,471	2
3	2,700	.....	.....	5	2,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,985	12,870	3
9	5,957	1	500	57	24,428	41	2,720	.....	.....	.....	.....	.....	.....	.....	.....	346,405	441,383	4
17	13,649	.....	.....	236	169,878	2	884	1	208	9	4,500	.....	.....	.....	.....	91,458	310,654	5
6	4,460	.....	.....	42	22,632	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,862	84,869	6
6	4,660	.....	.....	58	12,893	3	230	1	104	.....	.....	.....	.....	.....	.....	34,497	67,020	7
1	900	.....	.....	6	2,530	.....	.....	.....	.....	1	50	.....	.....	.....	.....	14,530	24,874	8
.....	.....	.....	.....	14	3,854	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,643	17,680	9
.....	.....	.....	.....	15	2,650	1	25	1	50	5	750	.....	.....	.....	.....	13,623	20,815	10
.....	.....	.....	.....	9	320	.....	.....	.....	.....	1	1,144	.....	.....	.....	.....	1,832	5,800	11
6	3,395	1	300	52	16,090	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44,869	72,240	12
8	5,598	.....	.....	11	7,790	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,267	29,600	13
5	2,860	.....	.....	2	590	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,975	7,175	14
22	20,936	.....	.....	535	369,636	14	5,665	38	4,681	32	32,331	.....	.....	.....	.....	229,496	644,900	15
37	32,090	3	900	203	114,203	1	600	3	300	1	1,040	.....	.....	.....	.....	430,443	682,948	16
4	4,280	1	120	23	18,480	3	1,045	5	378	17	14,250	.....	.....	.....	.....	68,599	131,085	17
3	3,200	.....	.....	55	32,940	1	150	1	50	.....	.....	.....	.....	.....	.....	52,524	141,650	18
2	1,680	.....	.....	14	2,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,737	18,380	19
6	4,825	.....	.....	33	23,613	.....	.....	.....	.....	24	19,774	.....	.....	.....	.....	127,971	240,250	20
5	1,612	.....	.....	22	9,685	.....	.....	.....	.....	1	40	.....	.....	.....	.....	16,751	41,505	21
10	5,495	.....	.....	32	13,828	1	520	.....	.....	.....	.....	.....	.....	.....	.....	27,782	59,877	22
31	28,266	.....	.....	371	181,832	4	1,570	14	2,946	25	16,676	.....	.....	.....	.....	245,262	683,274	23
4	1,880	1	312	.....	.....	.....	.....	1	150	.....	.....	.....	.....	.....	.....	873	4,335	24
5	2,540	.....	.....	1	10	.....	.....	.....	.....	1	208	1	100	.....	.....	3,062	7,420	25
74	93,405	2	3,040	227	223,153	12	3,776	3	572	43	44,970	5	3,872	.....	.....	330,275	908,531	26
11	9,745	.....	.....	146	64,442	1	800	2	400	5	3,700	.....	.....	.....	.....	108,241	235,515	27
18	13,376	.....	.....	69	32,011	1	208	.....	.....	.....	.....	.....	.....	.....	.....	376,009	492,712	28
57	44,701	4	1,874	310	170,780	28	9,000	8	760	76	45,994	.....	.....	.....	.....	478,887	904,656	29
7	4,819	.....	.....	86	27,950	1	400	.....	.....	.....	.....	.....	.....	.....	.....	82,551	139,451	30
2	1,288	.....	.....	13	2,124	.....	.....	.....	.....	.....	.....	1	350	.....	.....	3,824	11,400	31
10	7,680	.....	.....	51	22,956	.....	.....	1	200	1	500	.....	.....	.....	.....	136,544	232,260	32
6	3,734	.....	.....	13	4,456	.....	.....	.....	.....	1	100	.....	.....	.....	.....	2,616	13,515	33
6	5,211	.....	.....	104	67,831	.....	.....	.....	.....	7	2,600	1	240	.....	.....	142,600	269,290	34
20	15,974	.....	.....	318	113,653	1	300	1	144	.....	.....	.....	.....	.....	.....	100,759	300,820	35
44	51,121	11	6,598	225	202,848	21	9,219	6	710	.....	.....	2	1,120	.....	.....	380,174	861,065	36
3	1,240	1	1,000	5	2,720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,535	9,550	37
131	180,609	16	9,978	1,246	723,266	72	30,408	28	5,254	62	47,300	1	624	.....	.....	1,802,494	3,626,200	38
6	1,050	.....	.....	10	3,460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,866	13,350	39
6	5,504	.....	.....	18	10,020	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,148	73,051	40
4	1,815	.....	.....	26	4,795	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,364	28,400	41
4	3,400	.....	.....	12	4,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,432	17,875	42
5	2,800	.....	.....	9	10,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,042	26,573	43
3	2,080	.....	.....	2	750	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,545	6,055	44
3	2,040	1	700	27	18,320	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33,045	74,800	45
6	3,624	.....	.....	4	1,724	.....	.....	1	100	.....	.....	.....	.....	.....	.....	4,883	17,426	46
19	16,269	2	812	71	38,390	.....	.....	3	876	1	500	.....	.....	.....	.....	241,457	378,565	47
5	2,910	.....	.....	3	1,000	1	300	.....	.....	.....	.....	.....	.....	.....	.....	2,586	8,760	48
5	3,454	.....	.....	13	6,706	2	1,680	.....	.....	.....	.....	.....	.....	.....	.....	8,423	41,310	49

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

CONNECTICUT.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	6,822	$227,004,496	$101,457,999	$14,781,994	$34,495,124	$52,180,881	$125,546,497	$15,399,101	149,939	$75,990,606
2	Agricultural implements	9	790,621	370,378	76,850	191,350	102,178	420,243	10,555	356	170,321
3	Ammunition	4	1,438,820	632,269	106,220	202,956	323,093	806,551	205,505	1,468	711,506
4	Awnings, tents, and sails	16	60,716	22,761	12,000	8,000	2,761	37,955	3,654	65	33,092
5	Bells. (See also Foundry and machine shop products.)	7	222,887	47,670	7,000	17,000	23,670	175,217	10,305	179	92,962
6	Bicycle and tricycle repairing	3	6,655	6,150	2,000	150	4,000	505	676	6	3,204
7	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	524	753,045	417,924	130,963	156,222	130,739	335,121	51,246	1,092	655,949
8	Bookbinding and blank-book making. (See also Printing and publishing.)	12	97,475	31,500	.....	.....	31,500	65,975	8,602	83	49,601
9	Boots and shoes, custom work and repairing.	469	166,722	74,168	18,355	18,775	37,038	92,554	45,589	713	367,314
10	Boots and shoes, factory product	20	683,100	210,181	8,200	53,000	148,981	472,919	53,666	1,061	529,467
11	Bottling. (See also Liquors, malt; Mineral and soda waters.)	21	97,696	43,550	6,700	14,050	22,800	54,146	10,159	71	41,191
12	Boxes, cigar	4	7,725	3,300	100	500	2,700	4,425	876	20	8,434
13	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	40	752,100	329,573	44,300	68,950	216,323	422,527	49,488	1,450	519,514
14	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	13	127,394	57,530	17,700	12,550	27,280	69,864	9,132	146	78,490
15	Brass	4	1,108,300	830,000	100,000	325,700	404,300	278,300	49,065	753	390,925
16	Brass and copper, rolled	5	4,767,896	1,735,813	207,000	780,813	748,000	3,032,083	163,570	1,649	881,123
17	Brass castings and brass finishing. (See also Plumbers' supplies.)	25	7,109,461	3,290,414	734,600	1,193,100	1,362,714	3,819,047	536,761	3,405	1,801,552
18	Brassware	23	9,148,326	3,292,996	564,100	1,051,315	1,677,581	5,855,330	710,096	5,905	3,017,659
19	Bread and other bakery products	194	872,633	523,366	118,250	184,350	220,766	349,267	122,126	1,218	723,786
20	Brick and tile. (See also Clay and pottery products.)	28	971,710	577,393	234,393	131,600	211,400	394,317	23,739	992	317,200
21	Brooms and brushes	18	87,663	39,090	5,625	12,225	21,240	48,573	4,539	114	52,736
22	Buttons	14	914,796	279,261	40,797	60,000	178,464	635,535	58,430	896	355,628
23	Carpentering	472	3,096,480	732,158	201,783	219,500	310,875	2,364,322	190,907	4,797	3,376,605
24	Carpets, rag	11	4,619	2,663	273	1,040	1,350	1,956	605	15	5,540
25	Carriage and wagon materials	43	1,440,644	749,035	179,150	200,622	369,263	691,609	63,721	855	516,295
26	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	181	3,093,997	1,074,880	424,777	444,148	205,955	2,019,117	152,497	2,118	1,527,039
27	Cars and general shop construction and repairs by steam railroad companies.	8	690,265	580,800	101,150	266,400	213,250	109,465	.....	691	424,237
28	Cheese, butter, and condensed milk, factory product.	49	196,770	141,170	7,051	71,395	62,724	55,600	13,427	162	86,467
29	Chemicals. (See also Fertilizers; Gunpowder; Paints; Varnish.)	4	206,650	114,800	10,000	30,600	74,200	91,850	20,491	60	35,602
30	Clay and pottery products. (See also Brick and tile.)	15	212,445	107,250	19,100	47,000	41,150	105,195	29,315	257	143,256
31	Cleansing and polishing preparations. (See also Blacking.)	4	7,725	825	.....	.....	825	6,900	6,098	23	12,724
32	Clocks	9	4,485,429	1,391,884	195,662	511,273	684,949	3,093,545	200,499	2,840	1,462,140
33	Clothing, men's, custom work and repairing.	256	942,241	98,325	14,200	27,300	56,825	843,916	127,178	1,632	978,703
34	Clothing, men's, factory product	3	3,850	1,000	100	400	500	2,850	213	35	11,564
35	Clothing, women's, dressmaking	430	195,982	75,129	14,050	14,725	46,354	120,853	53,160	1,437	443,441
36	Clothing, women's, factory product	3	53,646	3,300	.....	.....	3,300	50,346	6,802	265	103,580
37	Coffee and spice, roasting and grinding.	3	147,000	10,000	.....	.....	10,000	137,000	7,285	33	26,706
38	Coffins and burial cases, trimming and finishing.	48	308,487	121,490	43,200	43,600	34,690	186,997	25,963	125	79,745
39	Coffins, burial cases, and undertakers' goods.	4	305,177	61,673	.....	.....	61,673	243,504	38,378	180	93,862
40	Confectionery	50	243,765	95,313	18,700	21,500	55,113	148,452	42,754	293	132,647
41	Cooperage	9	32,904	17,275	3,300	4,325	9,650	15,629	3,249	46	25,524
42	Cordage and twine	12	358,064	224,000	43,800	73,500	106,700	134,064	14,362	290	72,587
43	Corsets	18	3,982,271	737,915	123,750	257,800	356,365	3,244,356	548,681	4,053	1,877,895
44	Cotton goods. (See also Hosiery and knit goods.)	65	26,431,578	17,210,477	1,385,897	7,219,042	8,604,638	9,221,101	954,637	13,411	4,524,483
45	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	48	3,448,848	1,611,338	382,950	713,431	514,957	1,837,510	241,842	2,285	1,269,574
46	Dentistry, mechanical	63	66,889	34,319	1,300	1,400	31,619	32,570	11,428	82	58,217
47	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	11	17,485	2,490	.....	.....	2,490	14,995	2,388	21	8,282
48	Dyeing and cleaning	19	76,133	51,885	6,750	7,500	37,635	24,248	15,695	148	75,517
49	Dyeing and finishing textiles	5	775,352	621,096	68,700	331,184	231,212	154,256	77,336	489	251,352
50	Dye stuffs and extracts	3	2,118,407	1,063,200	251,600	641,300	170,300				
51	Electrical apparatus and supplies	5	631,182	197,463	5,273	73,442	118,748				

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

CONNECTICUT.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
8,032	$9,167,490	793	$357,709	83,895	$45,553,505	23,095	$6,753,854	2,759	$477,627	17,423	$9,669,768	13,016	$3,944,039	326	$66,524	$123,183,080	$248,336,364	1
43	27,550	.....	.....	281	126,695	.....	.....	.....	.....	32	15,676	.....	.....	.....	.....	194,779	459,335	2
25	43,100	.....	.....	964	543,806	455	116,490	2	500	10	3,500	12	4,200	.....	.....	829,252	3,838,774	3
12	9,605	.....	.....	34	19,490	17	3,922	.....	.....	.....	.....	2	75	.....	.....	44,171	89,760	4
23	17,278	1	675	138	70,146	14	4,113	3	750	.....	.....	.....	.....	.....	.....	115,481	282,504	5
4	2,492	.....	.....	2	712	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	588	5,500	6
407	263,525	.....	.....	683	391,606	.....	.....	.....	.....	2	818	.....	.....	.....	.....	340,390	1,276,464	7
12	14,680	.....	.....	46	28,153	24	6,688	.....	.....	1	80	.....	.....	.....	.....	42,895	128,728	8
422	222,106	.....	.....	214	109,900	1	300	.....	.....	71	33,448	6	1,551	.....	.....	191,058	571,986	9
62	72,149	4	1,612	473	250,093	167	51,787	12	1,951	225	111,120	118	40,755	.....	.....	750,140	1,535,125	10
13	9,728	.....	.....	58	31,463	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	128,539	228,396	11
2	1,100	2	8,000	3	1,060	4	1,274	.....	.....	1	200	8	1,800	.....	.....	13,486	26,400	12
61	70,505	3	1,000	289	142,291	327	88,151	1	312	277	84,127	492	132,518	.....	.....	546,898	1,303,279	13
12	10,258	.....	.....	74	39,892	.....	.....	.....	.....	44	21,340	16	7,000	.....	.....	185,013	304,451	14
25	22,500	.....	.....	713	353,050	.....	.....	.....	.....	15	14,775	.....	.....	.....	.....	1,522,815	2,224,050	15
46	97,300	3	1,800	1,119	598,685	68	20,000	15	2,275	216	115,093	166	42,670	16	3,300	2,605,631	4,160,938	16
76	117,055	2	1,220	2,391	1,246,338	162	46,918	.....	.....	491	296,136	263	88,875	20	5,000	4,237,237	7,428,011	17
184	281,314	12	5,251	3,000	1,697,431	673	197,028	81	13,119	1,035	539,014	894	281,502	20	3,000	5,983,668	16,711,945	18
209	174,230	57	22,692	841	500,234	83	23,442	28	3,188	.....	.....	.....	.....	.....	.....	2,042,981	3,380,278	19
41	30,418	.....	.....	681	256,748	5	1,320	5	650	51	24,500	9	3,564	.....	.....	105,930	595,200	20
20	14,450	.....	.....	63	23,530	11	2,672	2	414	21	9,870	7	1,800	.....	.....	63,011	140,071	21
26	32,212	1	600	214	132,894	63	24,794	15	2,098	127	54,278	401	105,052	19	2,700	395,605	928,028	22
420	394,135	1	104	4,349	2,074,954	2	612	.....	.....	25	5,800	.....	.....	.....	.....	4,566,399	9,316,212	23
8	3,190	1	350	2	800	.....	.....	.....	.....	4	1,200	.....	.....	.....	.....	2,761	11,372	24
63	103,013	2	988	490	276,911	3	1,091	5	542	245	129,643	15	4,031	2	76	447,980	1,254,109	25
214	253,817	.....	.....	1,357	872,775	1	450	1	208	542	398,889	3	900	.....	.....	1,491,518	3,598,944	26
9	5,920	.....	.....	682	418,317	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	274,237	698,474	27
17	8,875	1	250	132	73,350	4	1,400	2	346	6	2,240	.....	.....	.....	.....	700,038	881,327	28
6	5,660	.....	.....	54	30,002	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	97,209	168,175	29
28	31,610	.....	.....	172	84,016	17	4,510	8	1,636	32	21,484	.....	.....	.....	.....	47,593	267,840	30
5	4,500	.....	.....	12	6,852	6	1,372	.....	.....	.....	.....	.....	.....	.....	.....	11,972	39,200	31
58	85,419	7	3,092	1,277	698,117	249	75,206	20	3,993	1,043	538,642	176	54,595	12	3,076	1,087,327	3,117,186	32
265	242,736	3	860	304	195,135	85	27,969	5	717	710	432,530	259	78,456	1	300	886,523	2,293,203	33
8	2,100	2	688	2	300	14	1,512	.....	.....	3	2,184	11	4,480	.....	.....	6,107	20,280	34
23	15,960	247	108,774	3	1,180	1,146	313,999	2	300	5	2,148	10	924	1	156	423,027	1,092,779	35
4	7,600	.....	.....	28	20,600	26	10,600	.....	.....	6	2,880	201	62,000	.....	.....	129,574	262,809	36
15	14,540	.....	.....	16	11,541	2	625	.....	.....	.....	.....	.....	.....	.....	.....	182,530	230,870	37
39	26,045	1	572	80	56,128	.....	.....	.....	.....	5	3,000	.....	.....	.....	.....	142,074	313,143	38
12	15,780	4	2,300	72	37,401	14	4,066	.....	.....	54	26,322	21	6,655	3	438	156,668	372,000	39
62	42,239	24	7,082	138	65,406	52	12,514	3	406	6	2,875	8	2,125	.....	.....	284,665	592,360	40
7	5,470	1	150	19	10,304	.....	.....	.....	.....	19	9,660	.....	.....	.....	.....	22,815	55,650	41
9	9,083	.....	.....	124	38,011	131	19,776	23	3,918	.....	.....	3	900	.....	.....	245,844	365,233	42
72	176,844	13	8,300	408	249,642	1,165	434,454	17	3,724	176	114,828	3,087	888,013	15	2,990	3,089,618	6,274,867	43
186	282,596	5	2,341	6,385	2,416,628	5,223	1,453,728	1,045	158,520	94	34,309	473	156,361	.....	.....	8,215,751	15,409,476	44
120	110,257	3	910	813	434,765	57	14,771	12	1,904	1,264	701,536	16	5,430	.....	.....	956,608	2,895,390	45
56	43,057	.....	.....	23	13,687	.....	.....	3	563	.....	.....	.....	.....	.....	.....	23,422	114,902	46
6	2,462	.....	.....	12	5,170	7	650	.....	.....	.....	.....	.....	.....	.....	.....	16,805	40,730	47
14	14,808	7	2,684	65	38,967	43	13,490	2	260	5	3,240	12	2,568	.....	.....	41,814	158,606	48
12	14,250	.....	.....	300	214,542	62	16,060	2	400	.....	.....	23	6,150	.....	.....	300,360	715,388	49
19	22,116	.....	.....	373	222,162	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,378,633	1,883,700	50
7	13,402	2	1,456	122	71,743	35	9,894	.....	.....	.....	.....	.....	.....	.....	.....	390,171	628,692	51

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

CONNECTICUT—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.	Miscellaneous expenses.	Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
52	Electroplating	10	$15,452	$6,485			$6,485	$8,967	$2,501	46	$24,155
53	Engraving and diesinking	8	30,600	15,025			15,025	15,575	5,669	51	27,845
54	Engraving, wood	11	22,250	6,100	$1,000	$2,000	3,100	16,150	1,577	51	39,588
55	Envelopes	3	1,059,524	517,700	45,000	160,000	312,700	541,824	51,563	348	147,299
56	Fancy articles, not elsewhere specified	10	115,524	37,086	5,000	17,500	14,586	78,438	7,137	130	50,587
57	Fertilizers. (See also Chemicals.)	8	246,223	164,000	29,800	72,000	62,200	82,223	17,904	150	42,625
58	Files. (See also Cutlery and edge tools.)	8	49,448	21,150	7,900	4,550	8,700	28,298	1,265	60	33,624
59	Firearms	8	2,242,200	1,496,600	246,000	338,000	912,600	745,600	82,267	1,198	784,217
60	Flavoring extracts	5	9,050	1,050			1,050	8,000	1,876	13	5,322
61	Flouring and grist mill products	177	1,516,008	853,107	210,325	364,785	277,997	662,901	61,924	450	225,562
62	Food preparations. (See also Fruits and vegetables, canning and preserving.)	3	22,985	4,778			4,778	18,207	17,450	32	15,309
63	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	193	13,523,724	6,775,486	1,058,258	1,978,332	3,738,896	6,748,238	951,626	9,156	5,693,719
64	Fur goods. (See also Hats and caps, not including wool hats)	3	67,826	1,125			1,125	66,701	3,165	52	21,948
65	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	76	302,817	147,940	73,375	48,000	26,565	154,877	21,971	247	147,649
66	Furniture, factory product. (See also Furniture, chairs.)	8	228,475	111,400	30,000	61,000	20,400	117,075	4,483	115	79,353
67	Gas, illuminating and heating	20	4,456,409	4,042,455	358,000	415,500	3,268,955	413,954	113,648	303	223,127
68	Gas stoves	3	136,870	50,600			50,600	86,270	12,107	110	89,161
69	Glass, cutting, staining, and ornamenting	3	63,500	19,000	2,500	7,000	9,500	44,500	4,725	99	55,245
70	Gold and silver, leaf and foil	3	55,300	40,200	15,000	12,000	13,200	15,100	2,217	19	12,188
71	Grease and tallow. (See also Soap and candles.)	7	37,390	22,200	3,250	4,700	14,250	15,190	4,383	27	19,800
72	Hairwork	5	6,000	2,450	750	750	950	3,550	1,144	13	5,579
73	Hand stamps	7	13,295	5,400			5,400	7,895	15,956	37	15,185
74	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	70	13,453,539	6,009,300	719,109	2,030,811	3,259,380	7,444,239	1,501,598	8,507	4,419,159
75	Hardware, saddlery	6	506,635	170,450	4,000	60,500	115,950	336,185	38,078	499	253,637
76	Hat and cap materials	18	773,879	162,250	23,800	51,000	87,450	611,629	56,087	632	303,203
77	Hats and caps, not including wool hats. (See also Fur goods.)	50	2,542,892	982,872	131,152	379,461	472,259	1,560,020	346,981	6,188	3,284,869
78	Hooks and eyes	4	117,495	71,000	3,500	19,000	48,500	46,495	12,586	49	23,114
79	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	27	4,822,911	1,755,452	125,200	626,735	1,003,517	3,067,459	197,422	3,134	1,073,135
80	House furnishing goods, not elsewhere specified.	7	2,167,247	1,005,800	150,900	422,000	432,900	1,161,447	71,134	774	356,803
81	Iron and steel, bolts, nuts, washers, and rivets.	10	1,570,557	641,046	82,300	223,000	335,746	929,511	94,187	929	490,219
82	Iron and steel, forgings	4	392,128	272,500	57,800	60,000	154,700	119,628	14,952	193	129,514
83	Iron and steel	13	2,189,521	1,226,132	347,533	202,446	676,153	963,389	96,123	690	418,189
84	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	5	429,925	171,175	5,475	32,000	133,700	258,750	23,977	359	201,650
85	Ivory and bone work	5	602,055	228,768	16,000	95,500	117,268	373,287	22,825	285	136,387
86	Kaolin and other earth grinding	3	58,548	31,120	1,500	11,359	18,261	27,428	3,763	23	16,109
87	Leather, tanned and curried	7	369,021	49,668	7,550	23,144	18,974	319,353	25,763	124	67,443
88	Lime and cement	9	152,149	88,963	26,950	38,634	23,379	63,186	6,667	112	52,764
89	Liquors, distilled	8	255,241	143,903	44,120	62,643	37,140	111,338	142,028	54	33,420
90	Liquors, malt. (See also Bottling.)	16	1,470,120	974,943	160,000	391,750	423,193	495,177	349,854	248	213,613
91	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	3	94,300	56,000			56,000	38,300	6,824	46	36,900
92	Lock and gun smithing	15	11,458	4,900			4,900	6,558	2,108	24	13,516
93	Looking-glass and picture frames	33	88,140	8,775			8,775	79,365	15,516	105	57,787
94	Lumber and other mill products from logs or bolts.	157	1,010,656	632,483	252,340	117,175	262,968	378,173	38,799	754	269,788
95	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	50	1,817,056	728,152	233,115	201,440	293,597	1,088,904	113,694	1,135	715,967
96	Marble and stone work. (See also Monuments and tombstones.)	18	140,085	44,410	24,175	6,375	13,860	95,675	10,065	151	108,333

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

CONNECTICUT—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
12	$8,374	.....	.....	28	$13,865	5	$1,416	.....	.....	1	$500	.....	.....	.....	.....	$19,058	$51,136	52
9	10,545	.....	.....	42	17,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31,408	75,100	53
12	11,041	.....	.....	38	28,472	.....	.....	.....	.....	1	75	.....	.....	.....	.....	13 872	53,813	54
20	31,300	2	$1,200	110	65,109	130	32,940	2	$400	.....	.....	84	$16,344	.....	.....	506,988	843,642	55
8	5,127	5	2,172	27	12,066	40	10,482	.....	.....	27	14,396	15	4,680	8	$1,664	126,985	221.349	56
14	9,268	.....	.....	134	32,772	2	585	.....	.....	.....	.....	.....	.....	.....	.....	247,012	330,450	57
17	12,698	.....	.....	19	9,749	.....	.....	.....	.....	24	11,177	.....	.....	.....	.....	13,402	59,711	58
34	51,208	2	1,196	899	595,307	4	1,248	.....	.....	259	135,258	.....	.....	.....	.....	159,390	1,120,075	59
4	2,424	.....	.....	6	1,974	3	924	.....	.....	.....	.....	.....	.....	.....	.....	10,176	20,200	60
162	96,175	2	728	284	128,384	1	200	1	75	.....	.....	.....	.....	.....	.....	2,387,155	2,904,244	61
5	4,545	1	358	17	6,980	1	370	.....	.....	5	2,500	2	400	1	156	66,328	118,854	62
492	651,682	21	10,549	7,451	4,299,780	119	37,451	74	15,790	953	668,938	30	5,760	16	3,769	4,874,852	13,314,156	63
13	9,688	3	1,260	7	3,600	29	7,400	.....	.....	.....	.....	.....	.....	.....	.....	60,870	90,400	64
70	49,723	1	156	170	96,302	3	720	1	78	2	670	.....	.....	.....	.....	134,749	358,446	65
9	9,860	.....	.....	93	60,793	1	150	.....	.....	12	8,550	.....	.....	.....	.....	118,553	239,700	66
39	49,906	6	3,200	258	170,021	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	276,862	1,200,575	67
18	24,330	1	520	89	63,921	.....	.....	.....	.....	2	390	.....	.....	.....	.....	101,547	340,831	68
6	7,560	.....	.....	66	36,762	27	10,923	.....	.....	.....	.....	.....	.....	.....	.....	45,736	122,250	69
1	2,500	.....	.....	12	8,052	6	1,656	.....	.....	.....	.....	.....	.....	.....	.....	247,406	276,300	70
10	11,040	.....	.....	17	8,760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61,932	97,365	71
4	1,890	4	1,040	2	1,505	3	1,144	.....	.....	.....	.....	.....	.....	.....	.....	2,387	13,441	72
7	5,545	.....	.....	12	5,430	18	4,210	.....	.....	.....	.....	.....	.....	.....	.....	15,701	55,971	73
377	432,017	22	9,190	5,139	2,695,814	673	181,103	150	27,401	1,812	986,489	299	80,552	35	6,593	4,407,986	11,995,023	74
28	36,515	2	825	207	102,018	24	6,483	3	527	220	103,769	15	3,500	.....	.....	303,737	683,151	75
24	27,358	.....	.....	410	178,958	106	30,680	.....	.....	88	65,207	4	1,000	.....	.....	725,412	1,189,464	76
122	177,136	1	468	1,910	1,027,570	754	238,072	7	1,760	2,044	1,296,035	1,350	543,828	.....	.....	3,084,118	7,527,017	77
6	4,268	1	340	34	16,790	8	1,716	.....	.....	.....	.....	.....	.....	.....	.....	77,183	123,080	78
72	104,664	3	1,170	827	382,791	575	162,913	86	13,007	94	37,739	1,456	365,998	21	4,853	2,029,921	3,771,567	79
46	51,288	.....	.....	515	247,107	107	30,433	56	12,697	10	4,215	40	11,063	.....	.....	1,558,623	2,621,059	80
40	61,160	10	6,648	511	293,012	112	28,515	19	4,000	207	86,956	30	9,930	.....	.....	544,938	1,297,224	81
9	16,020	.....	.....	157	96,881	.....	.....	.....	.....	27	16,613	.....	.....	.....	.....	175,700	369,050	82
41	55,784	.....	.....	647	362,025	.....	.....	2	380	.....	.....	.....	.....	.....	.....	1,324,078	2,037,618	83
29	28,436	2	1,200	328	172,014	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	394,368	948,523	84
14	12,600	1	336	174	88,394	27	8,664	.....	.....	54	22,208	14	4,011	1	174	403,020	607,974	85
4	4,400	.....	.....	19	11,709	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70,134	96,971	86
21	16,448	.....	.....	90	44,345	4	1,250	.....	.....	9	5,400	.....	.....	.....	.....	499,377	619,139	87
10	8,402	.....	.....	81	34,237	.....	.....	.....	.....	21	10,125	.....	.....	.....	.....	80,815	162,044	88
9	12,835	1	500	44	20.085	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88,110	293,149	89
41	53,472	4	2,900	203	157.241	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	584,390	1,455,359	90
5	6,500	.....	.....	36	29,025	5	1,375	.....	.....	.....	.....	.....	.....	.....	.....	47,675	105,000	91
14	7,206	.....	.....	10	6,310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,600	28,452	92
40	27,026	.....	.....	44	25,765	1	96	.....	.....	20	4,900	.....	.....	.....	.....	88,236	182,308	93
101	55,282	1	600	635	209,738	.....	.....	.....	.....	17	4,168	.....	.....	.....	.....	741,942	1,236,736	94
91	90,163	1	620	1,031	620,160	.....	.....	.....	.....	12	5,024	.....	.....	.....	.....	1,671,087	2,886,459	95
20	17,385	1	234	129	89,714	.....	.....	.....	.....	1	1,000	.....	.....	.....	.....	76,887	217,971	96

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

CONNECTICUT—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
97	Masonry, brick and stone. (See also Plastering and stuccowork.)	185	$1,746,408	$498,050	$195,650	$78,475	$223,925	$1,248,358	$113,344	3,171	$2,246,490
98	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	10	170,299	37,750	1,700	4,500	31,550	132,549	17,215	205	96,145
99	Millinery and lace goods	7	177,850	17,550	1,600	5,000	10,950	160,300	17,253	307	107,556
100	Millinery, custom work	192	388,579	61,283	20,500	18,500	22,283	327,296	63,903	749	263,608
101	Mineral and soda waters. (See also Bottling.)	34	175,614	116,944	23,032	29,316	64,596	58,670	32,422	148	85,861
102	Models and patterns	10	43,160	22,250	3,000	2,550	16,700	20,910	2,639	44	37,570
103	Monuments and tombstones. (See also Marble and stone work.)	52	405,580	183,069	71,605	31,350	80,114	222,511	23,700	325	227,437
104	Musical instruments and materials, not specified.	3	1,084	120	.....	.....	120	964	221	3	2,000
105	Musical instruments, organs and materials.	6	651,978	174,224	13,800	88,053	72,371	477,754	40,122	282	197,468
106	Musical instruments, pianos and materials.	5	1,306,968	294,179	46,329	152,555	95,295	1,012,789	37,573	894	522,342
107	Needles and pins	13	1,030,573	541,800	30,500	146,400	364,900	488,773	42,525	688	306,956
108	Optical goods	6	18,560	2,175	.....	.....	2,175	16,385	3,106	31	11,921
109	Painting and paper hanging	233	622,983	125,063	28,475	32,505	64,083	497,920	59,907	1,471	977,557
110	Paper	42	3,920,916	2,799,100	447,900	840,200	1,511,000	1,121,816	302,592	1,464	725,214
111	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	22	283,637	58,264	10,100	32,000	16,164	225,373	57,357	564	378,187
112	Paving and paving materials	25	164,775	73,615	28,000	5,925	39,690	91,160	23,425	459	229,688
113	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	4	23,330	13,920	2,500	6,500	4,920	9,410	747	19	10,250
114	Photography	91	190,077	109,514	9,650	13,800	86,064	80,563	36,532	242	139,678
115	Plastering and stuccowork. (See also Masonry, brick and stone.)	4	13,927	5,925	500	3,000	2,425	8,002	1,192	30	22,684
116	Plated and britannia ware. (See also Silverware.)	21	9,916,866	2,820,076	189,082	702,445	1,928,549	7,096,790	752,563	4,329	2,340,364
117	Plumbing and gas fitting	177	1,098,661	266,991	63,350	68,900	134,741	831,670	80,547	1,380	924,258
118	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	89	1,372,069	822,563	111,260	141,050	570,253	549,506	112,739	967	553,177
119	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	123	1,284,375	810,261	56,300	65,900	688,061	474,114	271,730	1,286	868,171
120	Printing materials	3	72,905	38,200	8,000	5,800	24,400	34,705	3,443	51	28,640
121	Registers, car fare	3	33,825	15,650	.....	.....	15,650	18,175	6,086	69	38,372
122	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	16	47,188	7,601	1,000	1,000	5,601	39,587	4,296	71	45,033
123	Rubber and elastic goods	16	2,300,590	918,685	55,390	311,557	551,738	1,381,905	108,115	2,327	1,011,815
124	Saddlery and harness	140	1,018,469	307,743	53,095	140,950	113,698	710,726	76,520	912	520,818
125	Sausage. (See also Slaughtering.)	5	12,170	7,750	700	1,400	5,650	4,420	2,301	18	12,868
126	Saws	3	134,646	95,800	41,500	31,500	22,800	38,846	2,243	30	22,681
127	Sewing machines and attachments	5	4,174,710	1,023,003	296,752	171,075	555,176	3,151,707	142,030	1,311	728,854
128	Shipbuilding	29	564,941	248,012	85,700	61,400	100,912	316,929	20,463	652	376,122
129	Shirts. (See also Furnishing goods, men's.)	12	287,478	148,975	9,000	94,000	45,975	138,503	14,126	341	90,084
130	Shoddy	7	395,336	152,666	14,900	72,275	65,491	242,670	26,099	180	85,816
131	Silk and silk goods	35	9,037,042	2,913,327	152,589	1,143,200	1,617,538	6,123,715	270,426	5,081	2,006,804
132	Silverware. (See also Plated and britannia ware.)	3	460,800	150,500	40,000	20,000	90,500	310,300	63,435	172	93,840
133	Slaughtering and meat packing, wholesale. (See also Sausage.)	10	547,750	328,500	86,000	151,500	91,000	219,250	20,250	388	202,638
134	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	6	115,135	65,560	28,060	23,650	13,850	49,575	22,115	38	34,448
135	Soap and candles. (See also Grease and tallow.)	17	344,839	180,794	39,120	86,879	54,795	164,045	111,335	161	88,438
136	Sporting goods	5	112,617	52,028	10,500	15,000	26,528	60,589	2,618	58	27,610
137	Springs, steel, car and carriage	3	46,500	34,800	15,000	3,000	16,800	11,700	790	8	5,300
138	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	8	105,655	60,000	14,650	10,850	35,100	45,055	15,447	189	75,054
139	Starch	7	94,879	22,100	6,600	6,100	9,400	72,779	18,549	60	27,783
140	Stationery goods, not elsewhere specified.	5	74,572	26,000	3,700	14,900	7,400	48,572	9,723	84	35,557
141	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	10	2,402,427	934,511	117,500	263,500	553,511	1,467,916	69,033	1,306	905,422

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

CONNECTICUT—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
175	$195,535	1	$600	2,995	$2,050,355											$2,316,762	$5,154,981	97
25	27,470	2	600	135	56,999	6	$2,276			28	$7,509	9	$1,300			187,935	336,839	98
10	11,300	1	130	53	21,080	241	74,902	2	$144							266,147	485,225	99
37	23,702	166	77,739	15	4,387	523	157,045	5	612			3	123			587,455	1,077,882	100
35	25,892	1	260	110	59,309			2	400							87,846	287,882	101
10	12,250			34	25,320											9,897	63,766	102
59	53,045	1	260	258	170,474					7	3,658					184,988	531,990	103
3	2,000															403	3,100	104
20	30,772	4	1,796	239	154,979	6	2,110			10	6,718	3	1,093			234,213	564,367	105
23	38,388	1	1,092	688	362,902	41	15,100			141	104,860					860,129	1,557,993	106
26	34,360	2	1,170	238	139,690	103	32,658			55	33,381	261	64,182	3	$1,515	257,278	737,396	107
6	3,520	2	590	11	5,335	7	1,456	1	150	1	150	3	720			11,579	34,863	108
185	146,086	7	2,755	1,250	813,196	20	10,840			9	4,680					578,592	1,870,193	109
69	99,056	2	636	985	527,167	359	84,473	11	2,224	3	1,498	35	10,160			2,014,680	3,556,257	110
33	41,496			444	309,843	83	26,280	3	368			1	200			302,098	921,271	111
35	29,400			420	197,048					4	3,240					152,591	465,059	112
6	5,150			7	3,950	6	1,150									16,691	36,816	113
63	44,538	5	1,976	106	66,691	59	22,523	1	130	4	2,650	4	1,170			90,975	346,663	114
6	5,200			24	17,484											24,027	51,947	115
160	263,950	10	4,816	3,026	1,655,952	475	129,128	113	21,618	380	215,156	159	48,796	6	948	3,391,944	7,569,920	116
184	170,112	4	1,493	1,187	750,361					5	2,292					1,235,666	2,611,303	117
112	112,776	11	4,104	589	344,906	212	77,343	8	1,312	27	10,236	8	2,500			488,087	1,339,297	118
191	210,692	12	5,128	689	441,038	115	43,824	37	4,955	203	148,286	39	14,248			339,698	1,775,664	119
3	3,347			24	14,059	3	456			11	7,716	10	3,062			15,891	55,072	120
4	3,500			64	34,800			1	72							11,778	63,500	121
13	9,840			58	35,193											84,050	153,857	122
77	139,938	5	2,000	745	396,908	504	161,232	151	27,408	234	94,040	558	179,996	53	10,293	2,093,148	3,476,398	123
131	98,594	1	600	622	338,511	65	26,084			91	56,529	2	500			662,082	1,419,036	124
5	4,524			12	8,184			1	160							42,279	60,150	125
2	1,800	2	1,050	26	19,831											18,873	59,160	126
16	30,900	1	300	560	335,114	7	2,055	32	6,880	666	343,545	18	7,200	11	2,860	542,385	1,646,184	127
28	27,904			611	340,198			3	500	10	7,520					535,093	1,053,301	128
11	13,049			45	24,955	66	22,828			200	25,000	19	4,252			239,285	409,806	129
12	12,355	2	916	142	66,185	16	4,600	8	1,760							442,852	648,060	130
109	155,895	8	3,378	1,195	699,280	2,614	724,406	123	24,076	345	197,740	687	202,029			6,201,876	9,788,951	131
12	21,600			132	63,640	28	8,600									81,500	325,000	132
27	27,244			361	175,394											3,172,333	3,816,051	133
12	17,801	3	1,482	22	14,645	1	520									255,739	337,327	134
28	32,592			88	41,568	8	3,525			12	3,000	25	7,753			277,510	561,513	135
6	3,450			37	20,960	13	2,900			2	300					16,459	58,900	136
1	1,040			7	4,260											7,825	18,500	137
14	11,120			96	40,625	60	17,296			19	6,013					31,395	131,375	138
17	13,815			34	12,220	9	1,748									147,739	299,625	139
9	9,630			37	17,107	30	7,245	4	1,020	3	488	1	67			34,699	90,026	140
55	95,350	3	2,000	593	408,699	30	22,000			625	377,373					835,457	1,996,520	141

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

CONNECTICUT—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
142	Stereotyping and electrotyping	4	$65,215	$49,308	.....	.....	$49,308	$15,907	$5,520	58	$35,166
143	Surgical appliances	4	3,270	2,425	.....	.....	2,425	845	918	11	6,505
144	Timber products, not manufactured at mill.	19	81,930	48,515	$28,810	.....	19,705	33,415	12,116	136	43,470
145	Tinsmithing, copperesmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	96	606,341	265,362	49,325	$60,800	155,237	340,979	50,267	612	325,028
146	Tobacco, cigars and cigarettes	159	578,859	95,723	28,165	41,850	25,708	483,136	126,704	829	451,698
147	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	24	1,563,407	508,286	68,225	148,771	291,290	1,055,121	101,870	785	461,768
148	Toys and games	5	187,947	66,200	8,900	31,200	26,100	121,747	5,884	165	68,653
149	Trunks and valises	5	68,544	28,394	5,000	14,000	9,394	40,150	4,366	112	41,304
150	Typewriters and supplies	3	402,413	105,101	50	50	105,001	297,312	44,588	385	191,900
151	Varnish. (See also Paints.)	7	470,761	131,520	21,200	64,200	46,120	339,241	59,917	92	66,471
152	Vinegar and cider	23	56,652	39,532	4,223	17,484	17,825	17,120	2,486	68	13,365
153	Watch and clock materials. (See also Clock cases and materials.)	10	192,304	88,200	7,500	9,900	70,800	104,104	15,442	163	95,251
154	Watch, clock, and jewelry repairing. (See also Jewelry.)	106	121,007	49,000	8,545	8,100	32,355	72,007	26,846	175	102,258
155	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	18	393,077	191,891	18,650	44,900	128,341	201,186	23,438	405	169,682
156	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	37	220,767	144,104	17,875	36,263	89,966	76,663	12,204	208	110,920
157	Woolen goods. (See also Carpets and rugs, other than rag; Felt goods; Hosiery and knit goods; Wool hats.)	55	10,188,042	4,614,627	462,050	1,862,474	2,290,103	5,573,415	614,561	5,173	2,035,462
158	Worsted goods	10	5,263,201	1,905,153	239,666	570,400	1,095,087	3,358,048	405,369	2,261	875,372
159	All other industries (*a*)	115	16,131,562	5,787,328	948,875	2,249,249	2,589,204	10,344,234	1,192,268	8,271	3,957,233

a Embraces bagging, flax, hemp, and jute, 1; bags, paper, 1; baking and yeast powders, 2; baskets and rattan and willow ware, 1; belting and hose, leather, 2; belting and hose, rubber, 2; bicycles and tricycles, 2; billiard tables and materials, 1; blacking, 1; bone, ivory, and lamp black, 1; boot and shoe findings, 1; boots and shoes, rubber, 2; bridges, 1; card cutting and designing, 1; carpets and rugs, other than rag, 2; cheese and butter, urban dairy product, 1; cigar molds, 1; clock cases and materials, 3; clothing, horse, 1; combs, 1; cork, cutting, 1; crucibles, 1; emery wheels, 1; engraving, steel, including plate printing, 1; felt goods, 2; fireworks, 1; foundry supplies, 2; fruit jar trimmings, 1; fruits and vegetables, canning and preserving, 1; furnishing goods, men's, 2; furniture, chairs, 2; gold and silver, reducing and refining, not from the ore, 1; gunpowder, 2; instruments, professional and scientific, 2; iron and steel, nails and spikes, cut and wrought, including wire nails, 2; jewelry, 2; jute and jute goods, 1; labels and tags, 1; lamps and reflectors, 2; leather, morocco, 1; leather, patent and enameled, 1; liquors,

BY COUNTIES.

1	The State	6,822	227,004,496	101,457,999	14,781,994	34,495,124	52,180,881	125,546,497	15,399,101	149,939	75,990,606
2	Fairfield	1,359	37,625,682	15,404,246	2,928,222	4,696,815	7,779,209	22,221,436	2,595,144	30,630	16,892,528
3	Hartford	1,218	46,631,892	20,444,214	2,425,778	7,038,620	10,979,816	26,187,678	2,952,530	26,985	14,138,563
4	Litchfield	502	10,982,619	4,986,417	780,389	1,684,238	2,521,790	5,996,202	525,336	7,714	3,604,142
5	Middlesex	299	7,554,466	3,350,262	531,795	1,318,966	1,499,501	4,204,204	319,223	5,691	2,714,957
6	New Haven	2,070	71,608,526	29,045,346	5,292,197	8,859,165	14,893,984	42,563,180	6,289,575	49,091	26,636,837
7	New London	570	21,548,353	11,641,526	1,467,705	4,878,871	5,294,950	9,906,827	1,186,897	12,925	5,593,924
8	Tolland	331	11,188,027	4,616,681	511,296	1,604,245	2,501,140	6,571,346	710,887	5,900	2,314,553
9	Windham	473	19,864,931	11,969,307	844,612	4,414,204	6,710,491	7,895,624	819,509	11,003	4,095,102

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

CONNECTICUT—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
12	$15,052	2	$550	32	$17,469	1	$300	.....	.....	2	$303	9	$1,492	.....	.....	$21,168	$88,650	142
4	3,251	.....	.....	3	1,706	.....	.....	1	$104	2	1,236	1	208	.....	.....	2,412	11,654	143
5	2,450	.....	.....	86	30,920	1	150	.....	.....	44	9,950	.....	.....	.....	.....	23,809	116,808	144
87	66,171	.....	.....	408	227,872	35	10,112	25	2,834	38	13,648	8	2,249	11	$2,142	501,017	992,326	145
127	93,317	.....	.....	186	90,386	67	18,970	7	1,038	387	230,446	54	17,341	1	200	421,184	1,110,078	146
40	45,579	.....	.....	558	314,709	22	8,060	1	156	134	80,464	30	12,800	.....	.....	371,712	1,220,130	147
13	13,780	.....	.....	57	24,903	9	1,976	3	468	63	23,168	20	4,358	.....	.....	69,932	164,905	148
3	3,700	1	312	83	31,944	20	4,600	5	748	.....	.....	.....	.....	.....	.....	83,066	153,235	149
7	13,300	.....	.....	262	144,200	112	32,600	.....	.....	1	750	3	1,050	.....	.....	110,570	480,500	150
32	31,328	.....	.....	55	33,167	3	676	.....	.....	2	1,360	.....	.....	.....	.....	354,738	611,083	151
16	5,549	.....	.....	50	7,600	.....	.....	.....	.....	2	216	.....	.....	.....	.....	25,622	71,354	152
11	16,910	.....	.....	129	71,313	23	7,028	.....	.....	.....	.....	.....	.....	.....	.....	97,315	260,090	153
79	43,487	1	350	84	52,696	.....	.....	7	1,675	4	4,050	.....	.....	.....	.....	36,293	206,202	154
36	34,910	2	920	194	91,835	64	16,130	2	300	59	15,139	48	10,448	.....	.....	152,407	401,703	155
28	20,744	1	225	154	75,406	3	620	.....	.....	22	13,925	.....	.....	.....	.....	100,479	280,775	156
103	153,943	1	500	3,120	1,286,571	1,679	528,325	141	24,877	43	20,670	82	19,614	4	962	5,753,095	9,082,493	157
27	42,101	.....	.....	1,240	547,579	662	206,700	152	29,548	111	32,440	69	17,004	.....	.....	2,814,186	4,651,402	158
295	374,948	21	11,012	4,837	2,536,181	1,452	419,587	194	33,281	629	306,867	797	265,098	46	10,259	8,307,099	15,400,578	159

vinous, 1; malt, 1; mantels, slate, marble, and marbleized, 1; matches, 1; mats and matting, 2; mucilage and paste, 2; oakum, 2; oil, essential, 2; oil, lubricating, 2; ordnance and ordnance stores, 1; paints, 2; paper goods, not elsewhere specified, 2; paper patterns, 1; pens, fountain and stylographic, 1; pens, steel, 1; phonographs and graphophones, 1; photographic apparatus, 1; photographic materials, 2; photolithographing and engraving, 1; pickles, preserves, and sauces, 2; plumbers' supplies, 1; pocketbooks, 1; printing, tin, 2; pumps, not including steam pumps, 2; regalia and society banners and emblems, 2; rules, ivory and wood, 1; scales and balances, 1; screws, machine, 2; screws, wood, 2; smelting and refining, 2; tobacco, stemming and rehandling, 2; umbrellas and canes, 2; upholstery materials, 2; washing machines and clothes wringers, 1; watches, 1; window shades, 1; wire, 1; wool hats, 2.

BY COUNTIES.

8,632	9,167,490	793	357,799	33,895	45,553,505	23,095	6,753,854	2,759	477,627	17,423	9,669,768	13,016	3,944,039	326	66,524	123,183,080	248,336,364	1
1,785	2,081,682	138	67,709	16,137	9,402,401	3,324	1,074,521	178	35,860	5,248	2,944,820	3,739	1,267,507	81	18,028	23,459,915	49,092,860	2
1,360	1,422,950	169	72,865	16,157	9,156,282	4,255	1,300,225	488	81,178	2,641	1,588,042	1,882	510,000	33	7,021	21,364,033	45,351,472	3
445	389,035	15	5,946	4,320	2,186,505	1,187	334,547	285	45,449	993	513,146	434	122,506	35	7,008	6,488,603	12,041,125	4
437	411,704	23	9,826	3,263	1,669,881	687	199,023	220	37,933	587	260,396	416	115,495	53	10,699	4,314,450	8,565,202	5
3,234	3,611,248	333	152,958	27,665	15,808,549	4,806	1,378,231	399	70,352	7,118	3,973,535	5,427	1,620,198	109	21,766	41,017,866	86,273,754	6
664	858,734	37	17,312	7,406	3,585,536	3,482	922,272	512	89,658	495	256,177	319	62,233	10	2,002	11,532,932	21,156,711	7
282	235,093	30	12,647	2,971	1,295,880	1,835	560,584	212	41,255	177	63,415	393	105,679	.....	.....	7,199,194	11,621,307	8
425	357,044	48	18,536	5,976	2,448,471	3,519	984,451	465	75,942	164	70,237	406	140,421	.....	.....	7,806,087	14,233,933	9

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

DELAWARE.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	1,003	$33,695,400	$16,707,608	$3,494,802	$5,394,517	$7,818,289	$16,987,792	$1,851,575	21,906	$9,892,387
2	Baskets and rattan and willow ware	3	26,095	13,150	1,150	1,950	10,050	12,945	1,213	113	11,822
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	86	142,455	84,938	26,798	35,452	22,688	57,517	9,660	161	72,962
4	Boots and shoes, custom work and repairing.	94	55,111	38,541	9,895	20,071	8,575	16,570	8,655	136	57,913
5	Bottling. (See also Liquors, malt; Mineral and soda waters.)	4	57,600	43,800	11,000	16,000	16,800	13,800	11,390	37	20,496
6	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	3	36,100	30,500	12,200	7,000	11,300	5,600	1,875	40	10,813
7	Bread and other bakery products	44	277,335	208,951	66,000	93,400	49,551	68,384	20,821	150	81,303
8	Brick and tile. (See also Clay and pottery products.)	13	250,982	160,083	7,625	88,250	64,208	90,899	19,923	427	143,136
9	Brooms and brushes	3	6,440	5,275	3,400	1,500	375	1,165	304	7	2,650
10	Carpentering	36	203,025	66,360	21,000	32,550	12,810	136,665	175,889	360	221,115
11	Carriage and wagon materials	3	162,985	77,500	14,500	28,000	35,000	85,485	8,407	97	50,394
12	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	44	730,442	341,746	130,820	156,775	54,151	388,696	37,935	527	278,101
13	Cars and general shop construction and repairs by steam railroad companies.	3	767,875	436,220	161,800	170,920	103,500	331,655	.....	850	508,868
14	Cars, steam railroad, not including operations of railroad companies.	3	2,839,733	713,889	170,156	307,733	236,000	2,125,844	87,677	2,347	1,396,198
15	Cheese, butter, and condensed milk, factory product.	5	19,085	13,600	1,000	3,000	9,600	5,485	1,642	19	6,840
16	Chemicals. (See also Fertilizers; Gunpowder; Paints.)	4	173,500	137,100	39,000	70,000	28,100	36,400	2,428	34	17,840
17	Clothing, men's, custom work and repairing.	29	179,272	55,147	29,017	19,300	6,830	124,125	10,563	268	109,247
18	Clothing, women's, dressmaking	62	11,815	5,800	1,000	800	4,000	6,015	4,940	174	52,663
19	Coffins and burial cases, trimming and finishing.	13	70,246	40,050	10,850	23,700	5,500	30,196	4,283	22	12,071
20	Confectionery	21	109,981	85,900	26,500	34,000	25,400	24,081	10,175	86	33,657
21	Cotton goods	7	1,683,803	1,132,118	149,500	221,000	761,618	551,685	85,149	987	324,328
22	Electrical apparatus and supplies	3	120,044	61,100	16,500	17,000	27,600	58,944	16,137	62	33,992
23	Fertilizers. (See also Chemicals.)	17	1,011,589	351,275	61,875	175,500	113,900	660,314	31,277	209	81,068
24	Flouring and grist mill products	56	1,127,592	717,965	138,040	234,550	345,375	409,627	43,952	201	90,092
25	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	25	3,248,901	1,960,506	660,895	465,426	834,185	1,288,395	142,584	1,587	929,014
26	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	28	391,038	141,516	16,400	61,650	73,466	249,522	26,519	2,498	205,958
27	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	11	13,920	6,260	1,350	1,900	3,010	7,660	1,709	27	12,234
28	Gas, illuminating and heating	4	594,215	544,477	40,000	54,000	450,477	49,738	24,342	62	46,044
29	Iron and steel	6	2,392,478	1,135,636	276,500	250,000	609,136	1,256,842	42,001	1,576	772,419
30	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	4	1,597,932	837,831	24,677	268,506	544,648	760,101	51,016	482	300,438
31	Leather, morocco	17	1,754,672	478,800	75,000	189,000	214,800	1,275,872	117,232	1,432	722,179
32	Leather, tanned and curried	3	36,587	15,890	2,290	8,700	4,900	20,697	3,139	17	9,193
33	Liquors, malt. (See also Bottling.)	3	456,876	311,950	68,950	142,000	101,000	144,926	68,068	58	48,060
34	Lumber and other mill products from logs or bolts.	47	252,791	192,517	56,475	28,845	107,197	60,274	7,894	560	104,386
35	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing.)	7	239,977	111,800	16,800	42,000	53,000	128,177	13,444	125	74,016
36	Marble and stone work. (See also Monuments and tombstones.)	6	135,930	81,330	51,080	25,200	5,050	54,600	3,682	73	42,841
37	Masonry, brick and stone. (See also Plastering and stuccowork.)	11	99,085	7,135	1,400	2,500	3,235	91,950	22,331	142	94,790
38	Millinery, custom work	21	44,665	7,430	2,900	4,100	430	37,235	3,970	57	20,663
39	Mineral and soda waters. (See also Bottling.)	5	10,915	9,840	1,650	3,100	5,090	1,075	495	16	6,969
40	Painting and paper hanging	22	43,450	6,750	1,000	1,200	4,550	36,700	6,167	139	81,093
41	Photography	7	37,145	32,000	8,000	10,000	14,000	5,145	4,526	20	14,792
42	Plastering and stuccowork. (See also Masonry, brick and stone.)	3	13,345	3,170	800	700	1,670	10,175	715	31	17,805
43	Plumbing and gas fitting	18	144,725	31,181	10,700	6,900	13,581	113,544	12,857	161	90,697
44	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	11	153,925	110,050	15,000	20,000	75,050	43,875	5,966	120	55,867

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

DELAWARE.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1,305	$1,204,938	122	$56,974	14,586	$7,071,775	2,009	$892,496	1,094	$138,239	1,633	$931,074	881	$83,848	276	$13,043	$21,161,752	$37,571,848	1
4	1,822	.....	.....	34	4,500	.....	.....	.....	.....	60	4,500	.....	.....	15	1,000	12,800	34,150	2
72	36,051	.....	.....	81	35,605	.....	.....	2	186	6	1,120	.....	.....	.....	.....	40,176	136,592	3
86	39,191	.....	.....	28	10,130	1	208	.....	.....	21	8,384	.....	.....	.....	.....	33,929	110,135	4
7	5,936	.....	.....	30	14,560	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	84,920	146,040	5
6	2,808	.....	.....	17	4,918	5	1,212	12	1,875	.....	.....	.....	.....	.....	.....	12,885	25,350	6
43	28,422	7	2,342	91	48,812	7	1,319	2	408	.....	.....	.....	.....	.....	.....	188,967	350,300	7
17	15,086	.....	.....	379	123,104	.....	.....	17	1,646	10	2,700	.....	.....	4	600	30,341	268,534	8
1	300	.....	.....	5	2,200	.....	.....	1	150	.....	.....	.....	.....	.....	.....	3,107	6,350	9
32	25,309	.....	.....	328	195,806	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	357,544	839,982	10
8	8,980	.....	.....	29	15,414	.....	.....	.....	.....	60	26,000	.....	.....	.....	.....	68,778	137,919	11
43	34,883	.....	.....	377	193,368	2	586	9	1,493	96	47,771	.....	.....	.....	.....	358,191	774,130	12
29	19,178	.....	.....	615	328,628	.....	.....	.....	.....	206	161,062	.....	.....	.....	.....	748,556	1,280,485	13
43	64,587	3	1,872	1,866	1,003,491	1.2	31,632	33	4,616	300	290,000	.....	.....	.....	.....	1,528,528	3,291,293	14
4	1,575	.....	.....	15	5,265	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	107,542	124,780	15
2	2,300	.....	.....	32	15,540	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	233,700	276,000	16
27	20,894	.....	.....	45	33,726	65	15,973	7	857	33	16,664	101	21,133	.....	.....	101,720	252,475	17
2	1,000	62	31,879	.....	.....	110	19,784	.....	.....	.....	.....	.....	.....	.....	.....	15,927	82,758	18
12	7,213	.....	.....	9	4,258	.....	.....	.....	.....	1	600	.....	.....	.....	.....	21,100	43,105	19
15	9,463	12	2,411	43	18,539	11	2,430	5	814	.....	.....	.....	.....	.....	.....	87,887	157,980	20
16	15,982	.....	.....	260	134,162	484	143,046	217	28,703	6	1,377	4	1,058	.....	.....	587,646	1,095,001	21
5	6,900	.....	.....	57	27,092	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85,352	101,756	22
22	14,735	.....	.....	185	66,258	.....	.....	.....	.....	2	75	.....	.....	.....	.....	696,185	1,018,438	23
51	34,401	.....	.....	146	54,991	.....	.....	3	600	1	100	.....	.....	.....	.....	1,464,485	1,675,040	24
85	113,835	1	250	1,358	720,434	.....	.....	8	1,378	135	93,117	.....	.....	.....	.....	1,227,271	2,666,717	25
35	13,482	.....	.....	479	79,913	741	52,942	278	14,700	121	9,597	675	30,259	169	6,065	432,317	740,090	26
12	7,039	.....	.....	9	3,271	2	468	1	156	3	1,300	.....	.....	.....	.....	5,910	21,750	27
7	7,820	1	400	54	37,824	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49,122	191,451	28
47	72,431	2	830	1,452	685,358	.....	.....	75	13,800	.....	.....	.....	.....	.....	.....	1,418,539	2,368,670	29
35	57,084	2	1,200	274	155,364	.....	.....	11	1,800	160	84,990	.....	.....	.....	.....	771,342	1,131,837	30
80	102,598	1	500	1,082	531,942	62	17,698	117	20,629	72	44,281	2	1,200	16	3,328	2,752,680	4,015,694	31
4	3,462	.....	.....	9	4,931	.....	.....	4	800	.....	.....	.....	.....	.....	.....	70,480	91,200	32
10	14,780	.....	.....	48	33,280	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100,608	247,046	33
34	9,927	.....	.....	336	79,609	.....	.....	.....	.....	120	12,300	.....	.....	70	2,550	193,096	397,057	34
16	13,704	.....	.....	96	56,174	.....	.....	9	1,638	4	2,500	.....	.....	.....	.....	68,620	177,442	35
6	5,640	.....	.....	67	37,201	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,865	108,125	36
10	10,285	.....	.....	132	84,505	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101,035	248,475	37
1	500	15	8,972	.....	.....	41	11,191	.....	.....	.....	.....	.....	.....	.....	.....	33,327	64,829	38
4	3,339	.....	.....	9	3,450	.....	.....	3	180	.....	.....	.....	.....	.....	.....	4,165	12,800	39
24	17,100	.....	.....	97	54,172	.....	.....	3	624	15	9,197	.....	.....	.....	.....	38,580	138,850	40
7	6,424	.....	.....	11	8,050	1	156	1	156	.....	.....	.....	.....	.....	.....	12,550	42,763	41
3	1,855	1	250	24	13,900	.....	.....	.....	.....	3	1,800	.....	.....	.....	.....	9,040	30,000	42
31	23,962	.....	.....	122	65,159	.....	.....	8	1,576	.....	.....	.....	.....	.....	.....	148,748	299,161	43
18	13,065	.....	.....	49	30,720	36	9,022	17	3,060	.....	.....	.....	.....	.....	.....	19,437	104,600	44

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

DELAWARE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
45	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	26	$241,104	$169,700	$25,700	$27,300	$116,700	$71,404	$22,776	215	$108,150
46	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	18	97,230	51,420	17,800	21,700	11,920	45,810	5,213	94	54,152
47	Saddlery and harness	20	91,145	43,345	17,500	23,000	2,845	47,800	4,460	55	30,704
48	Shipbuilding	11	1,745,213	917,850	309,700	282,900	325,250	827,363	69,819	1,802	899,151
49	Slaughtering and meat packing, wholesale.	3	142,500	59,500	16,500	19,000	24,000	83,000	3,392	42	24,600
50	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	17	100,055	53,525	12,500	31,000	10,025	46,530	6,603	88	50,275
51	Tobacco, cigars and cigarettes	23	41,087	18,945	8,650	8,300	1,995	22,142	14,256	88	40,314
52	Watch, clock, and jewelry repairing	5	2,535	1,470			1,470	1,065	694	6	2,344
53	Woolen goods	3	450,974	257,000	33,500	80,000	143,500	193,974	27,404	297	103,395
54	All other industries (*a*)	62	9,057,880	4,287,776	611,459	1,567,139	2,109,178	4,779,104	544,006	2,722	1,312,275

a Embraces awnings, tents, and sails, 1; belting and hose, leather, 2; bookbinding and blank-book making, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; boxes, cigar, 1; brass castings and brass finishing, 1; bridges, 1; carpets, rag, 2; cheese and butter, urban dairy product, 1; clay and pottery products, 2; coffee and spice, roasting and grinding, 2; cooperage, 1; cordage and twine, 1; cordials and sirups, 1; cutlery and edge tools, 1; dentists' materials, 1; dyeing and finishing textiles, 1; electroplating, 2; food preparations, 1; glass, 1; grease and tallow, 2; gunpowder, 1; ice, artificial, 1; iron and steel, belts, nuts, washers, and rivets, 1; iron and steel, forgings, 1; iron and steel, pipe, wrought, 1; kaolin and other earth grinding, 1; leather, patent and enameled, 1; lock and

BY COUNTIES.

1	The State	1,003	33,695,400	16,707,608	3,494,802	5,394,517	7,818,289	16,987,792	1,851,575	21,906	9,892,387
2	Kent	176	1,397,088	517,070	94,250	136,516	286,304	880,018	72,396	2,383	339,300
3	Newcastle	740	31,803,814	15,851,359	3,327,967	5,178,250	7,345,142	15,952,455	1,759,007	18,305	9,329,251
4	Sussex	87	494,498	339,179	72,585	79,751	186,843	155,319	20,172	1,218	223,836

DISTRICT OF COLUMBIA. (*a*)

BY SPECIFIED INDUSTRIES.

1	All industries	2,295	28,865,089	19,378,931	5,438,756	5,396,278	8,543,897	9,486,158	1,589,869	23,404	14,622,264
2	Awnings, tents, and sails	4	25,500	14,450	7,000	4,900	1,950	11,050	758	44	18,920
3	Baking and yeast powders	3	10,880	3,400	2,000	900	500	7,480	2,884	22	10,125
4	Baskets and rattan and willow ware	3	2,040	275			275	1,765	432	7	3,814
5	Bicycle and tricycle repairing	13	39,505	6,280			6,280	33,225	5,388	88	41,330
6	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	135	243,202	150,914	81,250	33,240	36,424	92,288	24,284	460	253,633
7	Bluing	3	2,408	1,605	200	800	605	803	247	6	2,372
8	Bookbinding and blank-book making. (See also Printing and publishing.)	9	33,375	13,900			13,900	19,475	2,652	53	23,360
9	Boot and shoe uppers	5	16,530	6,825	2,700	2,700	1,425	9,705	994	10	7,266
10	Boots and shoes, custom work and repairing.	232	151,724	68,883	30,800	13,405	24,078	82,841	26,171	412	198,753
11	Bottling. (See also Liquors, malt; Mineral and soda waters.)	19	167,107	125,130	42,500	42,100	40,530	41,977	23,922	208	118,957
12	Bread and other bakery products	88	657,169	491,869	236,100	149,400	106,369	165,300	44,809	589	350,855
13	Brick and tile. (See also Clay and pottery products.)	13	772,681	575,650	321,500	78,300	175,850	197,031	63,031	1,204	442,929
14	Brooms and brushes	3	10,115	6,075	1,500	3,500	1,075	4,040	241	11	5,032
15	Carpentering	170	955,188	207,030	97,570	43,545	65,915	748,158	75,552	2,421	1,749,767
16	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	21	329,660	230,800	126,900	67,100	36,800	98,860	11,028	159	81,213
17	Cars and general shop construction and repairs by steam railroad companies.	3	44,700	19,600	3,900	7,400	8,300	25,100	1,878	290	160,170
18	Cheese and butter, urban dairy product	4	4,057	3,145	1,000	500	1,645	912	585	6	1,870
19	Clay and pottery products. (See also Brick and tile.)	5	173,702	110,646	33,625	30,253	46,768	63,056	6,303	89	40,621
20	Clothing, men's, custom work and repairing.	116	506,416	111,325	56,050	18,250	37,025	395,091	59,163	859	463,086
21	Clothing, women's, dressmaking	143	150,095	50,335	12,150	6,025	32,160	99,760	31,176	644	214,981

a No political subdivisions.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

DELAWARE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Oporatives, skilled and unskilled.						Piecesworkers.								
Males above 16 years..		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
37	$29,234	2	$572	113	$53,402	14	$3,003	12	$1,722	36	$19,817	1	$400	.....	.....	$37,503	$202,496	45
17	11,238	.....	.....	74	42,589	.....	.....	3	325	.....	.....	.....	.....	.....	.....	45,333	120,261	46
20	12,036	.....	.....	34	18,512	.....	.....	1	156	.....	.....	.....	.....	.....	.....	34,211	81,932	47
41	96,926	2	1,248	1,610	777,472	6	2,000	141	20,805	2	700	.....	.....	.....	.....	836,979	2,044,313	48
6	4,840	.....	.....	36	19,760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	235,450	302,460	49
19	13,563	.....	.....	64	35,900	.....	.....	5	812	.....	.....	.....	.....	.....	.....	39,843	108,500	50
19	11,070	.....	.....	6	1,762	4	751	4	598	40	19,827	13	5,806	2	$500	23,736	83,013	51
4	1,624	.....	.....	2	720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	501	4,700	52
7	11,298	2	1,000	87	34,778	37	7,365	39	4,426	52	25,220	73	19,308	.....	.....	295,605	482,022	53
119	117,761	9	3,248	2,180	1,061,250	288	71,710	46	7,550	68	46,072	12	4,684	.....	.....	5,257,593	8,815,001	54

gun smithing, 1; looking-glass and picture frames, 2; mattresses and spring beds, 1; monuments and tombstones, 2; paints, 1; paper, 2; paving and paving materials, 1; pickles, preservos, and sauces, 1; pulp from fiber, other than wood, 2; pumps, not including steam pumps, 1; saws, 1; slaughtering, wholesale, not including meat packing, 2; springs, steel, car and carriage, 2; steam fittings and heating apparatus, 2; timber products, not manufactured at mill, 1; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 2; wheelbarrows, 1; wirework, including wire rope and cable, 1.

BY COUNTIES.

1,305	1,204,938	122	56,974	14,586	7,071,775	2,009	392,496	1,094	138,239	1,633	931,074	881	83,848	276	13,043	21,161,752	37,571,848	1
148	71,881	1	350	693	168,574	386	37,316	95	2,602	294	26,253	507	26,559	199	5,765	946,138	1,602,941	2
1,093	1,104,017	121	56,624	13,343	6,765,556	1,276	318,737	859	122,204	1,327	903,896	254	53,689	32	4,528	19,520,443	34,849,162	3
64	29,040	.....	.....	550	137,645	347	38,443	140	13,433	12	925	60	3,600	45	2,750	695,171	1,119,745	4

DISTRICT OF COLUMBIA. (*a*)

BY SPECIFIED INDUSTRIES.

2,689	2,200,834	309	157,288	15,860	9,732,366	2,599	1,092,106	128	22,050	1,254	992,426	560	424,134	5	1,060	17,194,066	39,331,437	1
5	3,320	.....	.....	18	10,280	21	5,320	.....	.....	.....	.....	.....	.....	.....	.....	21,418	47,100	2
6	3,600	.....	.....	8	4,649	8	1,876	.....	.....	.....	.....	.....	.....	.....	.....	11,850	29,700	3
3	2,324	.....	.....	4	1,490	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	948	6,200	4
21	12,360	1	50	66	28,920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,555	73,820	5
142	90,062	.....	.....	305	160,570	.....	.....	1	120	12	2,881	.....	.....	.....	.....	131,912	472,200	6
3	1,760	.....	.....	2	456	1	156	.....	.....	.....	.....	.....	.....	.....	.....	759	3,500	7
7	5,200	.....	.....	38	15,451	8	2,709	.....	.....	.....	.....	.....	.....	.....	.....	8,875	48,760	8
6	4,570	.....	.....	4	2,496	1	200	.....	.....	.....	.....	.....	.....	.....	.....	21,160	32,520	9
238	132,613	.....	.....	132	56,996	1	350	1	250	40	8,544	.....	.....	.....	.....	101,992	357,831	10
36	33,050	1	450	169	85,227	.....	.....	2	230	.....	.....	.....	.....	.....	.....	537,297	350,719	11
106	84,580	9	4,248	449	256,028	21	5,599	4	400	.....	.....	.....	.....	.....	.....	802,072	1,409,575	12
22	25,359	.....	.....	1,031	384,708	.....	.....	75	15,000	72	16,862	.....	.....	4	1,000	208,430	846,950	13
4	2,640	.....	.....	4	832	.....	.....	.....	.....	3	1,560	.....	.....	.....	.....	8,951	17,650	14
201	200,035	2	832	2,187	1,528,148	.....	.....	.....	.....	31	20,752	.....	.....	.....	.....	2,926,634	5,312,352	15
4	2,380	.....	.....	155	78,833	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47,810	140,901	16
37	33,810	.....	.....	248	125,024	.....	.....	3	520	2	816	.....	.....	.....	.....	140,582	370,154	17
.....	.....	.....	.....	0	1,870	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,436	30,022	18
1	900	.....	.....	36	38,521	.....	.....	.....	.....	2	1,200	.....	.....	.....	.....	29,880	114,637	19
130	89,911	.....	.....	418	271,619	175	54,785	4	044	42	21,962	90	24,165	.....	.....	372,088	1,072,394	20
10	8,540	114	54,586	24	12,730	488	138,292	1	108	.....	.....	7	725	.....	.....	138,072	478,132	21

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY DISTRICT OF COLUMBIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
22	Coffins and burial cases, trimming and finishing.	25	$162,125	$70,615	$35,600	$17,800	$17,215	$91,510	$14,816	86	$57,092
23	Confectionery	57	310,554	180,689	89,100	39,000	52,589	129,865	41,272	349	165,907
24	Cooperage	8	23,285	4,985	2,600	1,500	1,485	18,300	1,942	53	23,880
25	Corsets	3	7,900	1,500	.....	.....	1,500	6,400	2,129	22	7,413
26	Dentistry, mechanical	60	50,832	24,527	3,333	2,100	19,094	26,305	9,160	72	19,247
27	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	85	256,635	68,665	31,100	13,450	24,115	187,970	38,100	252	129,483
28	Dyeing and cleaning	24	94,757	62,030	26,500	18,200	17,330	32,727	10,661	107	49,232
29	Electroplating	7	7,670	3,275	.....	.....	3,275	4,395	1,651	13	7,994
30	Engraving and diesinking	8	21,800	7,800	.....	.....	7,800	14,000	3,050	29	21,880
31	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	5	1,532,225	433,750	.....	300,000	133,750	1,098,475	1,384	997	849,332
32	Fancy articles, not elsewhere specified	7	51,438	17,550	3,000	2,000	12,550	33,888	7,053	450	112,932
33	Fertilizers. (See also Chemicals.)	3	73,570	15,380	3,000	2,000	10,380	58,190	4,995	31	11,450
34	Fish, canning and preserving	3	5,530	2,730	1,700	800	230	2,800	391	8	3,146
35	Flouring and grist mill products	6	698,417	285,000	96,000	36,000	153,000	413,417	30,748	149	85,718
36	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	16	447,033	299,233	129,900	37,533	131,800	147,800	16,187	311	172,297
37	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	54	258,486	129,955	78,500	20,850	30,605	128,531	24,258	240	131,967
38	Hairwork	11	38,830	12,725	9,000	1,000	2,725	26,105	4,477	30	15,434
39	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	12	398,455	284,350	147,000	66,000	71,350	114,105	10,175	321	194,910
40	Jewelry. (See also Watch, clock, and jewelry repairing.)	9	45,338	12,300	.....	.....	12,300	33,038	3,582	52	27,512
41	Kindling wood	8	26,430	11,850	1,850	2,650	7,350	14,580	2,980	40	17,991
42	Lime and cement	3	32,063	8,325	1,000	200	7,125	23,738	3,711	24	12,046
43	Liquors, malt. (See also Bottling.)	5	836,434	629,789	116,000	257,250	256,539	206,645	173,413	120	82,422
44	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	7	185,044	131,300	.....	.....	131,300	53,744	18,232	127	79,568
45	Lock and gun smithing	19	54,448	26,300	9,700	2,550	14,050	28,148	6,793	68	41,669
46	Looking-glass and picture frames	12	38,000	2,660	.....	.....	2,660	35,340	6,344	44	29,312
47	Lumber, planing mill products, including sash, doors, and blinds. (See also Wood, turned and carved.)	14	700,000	428,550	234,500	97,500	96,550	271,450	22,697	440	258,438
48	Mantels, slate, marble, and marbelized	6	79,100	23,800	10,000	5,000	8,800	55,300	5,305	55	30,138
49	Marble and stone work. (See also Monuments and tombstones.)	19	485,049	246,225	185,000	21,800	39,425	238,824	15,768	391	305,631
50	Masonry, brick and stone. (See also Plastering and stuccowork.)	35	188,495	46,600	23,500	4,100	19,000	141,895	16,218	661	537,180
51	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	11	123,300	64,520	36,490	19,250	8,870	58,780	5,586	77	38,195
52	Millinery and lace goods. (See also Artificial feathers and flowers.)	4	13,215	1,640	.....	.....	1,640	11,575	1,896	29	11,923
53	Millinery, custom work	32	232,220	8,775	1,200	800	6,775	223,445	24,530	247	105,277
54	Mineral and soda waters. (See also Bottling.)	9	82,221	73,500	13,050	24,350	36,100	8,721	8,576	65	34,136
55	Models and patterns	8	36,861	25,000	5,000	6,000	15,000	11,861	2,004	33	19,486
56	Monuments and tombstones. (See also Marble and stone work.)	7	178,025	102,965	78,200	21,150	3,615	75,060	10,529	104	63,574
57	Optical goods	6	28,500	3,025	.....	.....	3,025	25,475	4,755	19	11,888
58	Painting and paper hanging	150	601,128	158,069	69,690	32,300	56,079	443,059	73,620	1,134	748,728
59	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	8	49,400	32,120	23,000	6,000	3,120	17,280	2,505	20	10,862
60	Paving and paving materials	11	524,787	209,756	47,500	10,208	152,048	315,031	47,551	378	404,523
61	Photography	29	137,185	56,050	6,000	8,200	41,850	81,135	21,890	143	83,139
62	Plastering and stuccowork. (See also Masonry, brick and stone.)	25	26,658	4,435	.....	.....	4,435	22,223	2,339	225	139,311
63	Plumbing and gas fitting	86	467,735	143,662	63,472	36,500	43,690	324,073	44,207	646	432,567
64	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	51	1,200,579	1,000,700	65,300	42,000	893,400	199,879	68,701	3,099	2,494,406
65	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	13	537,502	372,158	32,000	52,000	288,158	165,344	123,440	497	389,731
66	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	5	46,010	6,030	3,200	1,000	1,830	39,980	2,353	49	34,864

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

DISTRICT OF COLUMBIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
27	$19,805	.....	.....	57	$36,902	1	$260	.....	.....	1	$125	.....	.....	.....	.....	$156,623	$297,947	22
74	55,808	41	$14,021	185	85,262	41	10,626	.....	.....	8	192	.....	.....	.....	.....	332,269	672,118	23
8	4,880	.....	.....	45	19,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23,744	54,751	24
.....	.....	4	2,585	1	208	17	4,620	.....	.....	.....	.....	.....	.....	.....	.....	6,200	21,200	25
59	17,144	.....	.....	11	1,678	.....	.....	1	$50	1	375	.....	.....	.....	.....	13,072	62,071	26
92	50,635	.....	.....	158	78,203	2	645	.....	.....	.....	.....	.....	.....	.....	.....	120,755	377,850	27
20	13,470	10	4,392	58	26,050	17	5,032	.....	.....	1	144	1	$144	.....	.....	18,525	97,959	28
7	6,500	.....	.....	4	1,254	.....	.....	2	240	.....	.....	.....	.....	.....	.....	3,932	15,800	29
11	10,424	.....	.....	16	10,832	2	624	.....	.....	.....	.....	.....	.....	.....	.....	9,875	51,900	30
24	34,150	21	20,500	208	197,280	502	248,124	1	100	241	349,198	.....	.....	.....	.....	178,576	1,033,589	31
3	2,100	4	2,000	5	2,664	438	106,168	.....	.....	.....	.....	.....	.....	.....	.....	37,371	262,900	32
2	1,664	.....	.....	23	8,652	.....	.....	.....	.....	6	1,134	.....	.....	.....	.....	76,700	93,300	33
3	1,600	.....	.....	5	1,546	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,006	11,302	34
25	27,218	.....	.....	124	58,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,359,888	1,564,062	35
21	22,199	1	300	289	149,798	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	211,915	505,400	36
72	52,718	.....	.....	148	75,527	4	1,700	1	150	15	1,872	.....	.....	.....	.....	159,425	386,395	37
5	3,590	7	4,750	1	260	17	6,834	.....	.....	.....	.....	.....	.....	.....	.....	15,124	41,200	38
27	22,310	.....	.....	294	172,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	250,936	464,360	39
9	6,280	1	468	41	20,664	.....	.....	1	100	.....	.....	.....	.....	.....	.....	22,580	69,700	40
11	6,959	.....	.....	25	10,304	.....	.....	.....	.....	4	728	.....	.....	.....	.....	26,846	53,260	41
4	3,500	.....	.....	20	8,546	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,688	45,950	42
17	24,800	.....	.....	103	57,622	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	295,017	853,800	43
7	5,584	.....	.....	114	72,334	6	1,650	.....	.....	.....	.....	.....	.....	.....	.....	161,747	315,977	44
21	14,906	.....	.....	46	26,513	.....	.....	1	250	.....	.....	.....	.....	.....	.....	31,705	99,350	45
15	12,108	1	312	27	16,736	.....	.....	1	156	.....	.....	.....	.....	.....	.....	46,700	100,700	46
32	27,520	1	500	403	228,418	.....	.....	.....	.....	4	2,000	.....	.....	.....	.....	372,960	747,000	47
9	8,440	.....	.....	46	27,698	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,684	97,200	48
28	36,666	.....	.....	361	268,515	.....	.....	.....	.....	2	450	.....	.....	.....	.....	375,701	803,468	49
43	54,165	.....	.....	618	483,015	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	700,825	1,330,345	50
16	11,663	1	150	42	18,678	6	2,700	.....	.....	9	3,912	3	1,092	.....	.....	81,587	154,346	51
3	2,550	6	3,675	7	2,218	13	3,480	.....	.....	.....	.....	.....	.....	.....	.....	11,855	35,240	52
11	9,540	35	22,384	13	3,684	188	69,660	.....	.....	.....	.....	.....	.....	.....	.....	206,479	438,922	53
24	17,179	.....	.....	39	16,557	1	200	1	200	.....	.....	.....	.....	.....	.....	30,945	86,748	54
8	6,700	.....	.....	19	8,232	.....	.....	.....	.....	6	4,554	.....	.....	.....	.....	8,509	35,289	55
11	13,400	.....	.....	93	50,174	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45,014	155,500	56
6	5,420	.....	.....	12	6,208	1	260	.....	.....	.....	.....	.....	.....	.....	.....	8,284	29,990	57
197	169,431	5	964	902	569,351	14	4,988	4	452	12	3,542	.....	.....	.....	.....	629,426	1,671,914	58
6	4,080	2	850	10	5,432	2	500	.....	.....	.....	.....	.....	.....	.....	.....	9,625	33,620	59
35	30,017	.....	.....	840	373,162	.....	.....	.....	.....	3	1,344	.....	.....	.....	.....	387,890	993,415	60
32	27,603	1	416	86	47,526	24	7,594	.....	.....	.....	.....	.....	.....	.....	.....	52,210	191,280	61
25	23,796	.....	.....	185	109,515	.....	.....	.....	.....	15	6,000	.....	.....	.....	.....	88,705	258,580	62
122	102,510	5	2,076	510	324,001	.....	.....	2	180	7	3,800	.....	.....	.....	.....	502,203	1,130,574	63
60	54,078	6	2,504	1,661	1,330,866	451	362,721	5	650	472	350,259	444	393,328	.....	.....	1,256,934	3,914,547	64
57	72,549	22	11,181	197	140,245	11	4,665	5	330	190	156,081	15	4,680	.....	.....	300,794	1,173,567	65
6	5,600	.....	.....	43	29,264	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,140	81,899	66

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

DISTRICT OF COLUMBIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.					Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
67	Saddlery and harness	36	$112,041	$28,940	$15,200	$5,600	$8,140	$83,101	$10,586	106	$58,636
68	Shipbuilding	4	15,575	8,375	5,500	1,600	1,275	7,200	654	14	8,410
69	Shirts	3	2,565	530			530	2,035	706	21	7,590
70	Slaughtering and meat packing, wholesale.	24	118,230	75,775	36,350	32,800	6,625	42,455	11,029	109	57,083
71	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	72	432,406	163,580	89,950	35,350	38,280	268,826	29,004	424	259,120
72	Tobacco, cigars and cigarettes	70	114,782	40,990	24,900	8,800	7,290	73,792	30,046	159	83,279
73	Trunks and valises	4	28,735	1,710			1,710	27,025	3,749	44	24,270
74	Umbrellas and canes	4	10,525	2,975	1,100	900	975	7,550	2,196	15	5,227
75	Watch, clock, and jewelry repairing. (See also Jewelry.)	33	157,733	48,655	25,000	10,665	12,990	109,078	12,041	126	83,224
76	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	3	4,361	1,750			1,750	2,611	768	9	5,148
77	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	5	9,660	4,000	1,500	500	2,000	5,660	696	9	6,024
78	All other industries (a)	53	12,167,153	11,068,651	2,500,616	3,589,704	4,978,331	1,098,502	164,322	1,979	1,325,368

a Embraces artificial feathers and flowers, 1; artificial limbs, 2; bags, other than paper, 1; boxes, cigar, 1; boxes, fancy and paper 2; brass castings and brass finishing, 2; buttons, 1; calcium lights, 1; cars and general shop construction and repairs by street railroad companies, 2; chemicals, 2; china, decorating, 1; coffee and spice, roasting and grinding, 2; cork, cutting, 1; electric light and power, 1; envelopes, 1; files, 1; flavoring extracts, 1; gas and lamp fixtures, 2; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 2; glue, 1; grease and tallow, 1; hats and caps, not including wool hats, 2; ice, artificial, 1;

FLORIDA.

BY SPECIFIED INDUSTRIES.

1	All industries	805	11,110,304	7,277,120	2,435,136	1,079,512	3,762,472	3,833,184	1,131,067	13,927	6,513,068
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	25	31,010	23,050	12,385	6,400	4,265	7,960	2,224	44	19,228
3	Boots and shoes, custom work and repairing.	20	7,728	5,495	2,500	1,000	1,995	2,233	1,918	29	13,366
4	Bread and other bakery products	8	12,790	6,480			6,480	6,310	5,989	53	26,917
5	Brick and tile. (See also Clay and pottery products.)	12	139,770	114,365	54,315	19,550	40,500	25,405	12,353	237	60,597
6	Carpentering	9	30,321	19,726	5,067	7,347	7,312	10,595	6,205	133	81,859
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	29	111,347	81,425	42,150	26,700	12,575	29,922	2,470	108	60,592
8	Cars and general shop construction and repairs by steam railroad companies.	10	158,960	95,220	11,550	39,160	44,510	63,740	1,800	287	152,157
9	Clothing, men's, custom work and repairing.	11	21,068	4,355			4,355	16,713	4,459	47	22,945
10	Clothing, women's, dressmaking	29	4,055	2,885			2,885	1,170	2,106	57	18,532
11	Coffins and burial cases, trimming and finishing.	3	3,285	1,625			1,625	1,660	1,302	10	7,174
12	Confectionery	3	6,850	2,700	1,000	100	1,600	4,150	2,429	18	8,000
13	Cotton, ginning	9	46,240	42,540	12,440	11,300	18,800	3,700	1,737	127	10,479
14	Dentistry, mechanical	8	6,325	4,900			4,900	1,425	1,413	11	7,142
15	Fertilizers	3	14,705	5,500	300	3,450	1,750	9,205	1,059	28	9,905
16	Flouring and grist mill products	60	143,884	115,598	16,243	30,650	68,705	28,286	5,850	190	30,438
17	Foundry and machine shop products	9	158,625	116,300	44,300	17,500	54,500	42,325	6,219	146	87,257
18	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	3	1,270	820			820	450	400	8	4,300
19	Gas, illuminating and heating	7	747,779	606,608	30,511	53,500	522,597	141,171	15,510	36	24,174
20	Ice, artificial	9	243,924	208,400	20,800	28,100	159,500	35,524	22,772	63	46,008
21	Jewelry	4	9,000	2,500			2,500	6,500	980	18	11,928
22	Lime and cement	3	31,501	12,400	4,100	6,000	1,700	19,101	1,648	42	14,885
23	Lumber and other mill products from logs or bolts.	202	5,398,499	4,048,316	1,693,323	434,408	1,920,585	1,350,183	265,080	4,239	1,398,120
24	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	18	160,155	88,608	14,200	17,800	56,608	71,547	7,689	168	91,361
25	Mattresses and spring beds. (See also Furniture.)	5	8,060	3,225	1,000	500	1,725	4,835	1,376	19	9,873
26	Millinery, custom work	8	11,815	900			900	10,015	2,851	38	11,141
27	Mineral and soda waters	7	36,940	22,200	600	1,700	19,900	14,740	3,777	51	23,961
28	Monuments and tombstones. (See also Marble and stone work.)	5	8,227	1,897	600	250	1,047	6,330	1,641	28	18,276
29	Painting and paper hanging	4	375	265			265	110	330	17	7,586
30	Photography	4	8,590	7,500			7,500	1,090	1,748	14	9,614
31	Plumbing and gas fitting	7	90,150	18,450	1,800	1,400	15,250				

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

DISTRICT OF COLUMBIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
40	$25,512	.....	.....	65	$32,824	.....	.....	.....	.....	1	$300	.....	.....	.....	.....	$50,082	$147,245	67
.....	.....	.....	.....	14	8,410	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,940	28,755	68
2	1,620	1	$350	4	2,620	14	$3,000	.....	.....	.....	.....	.....	.....	.....	.....	4,581	15,265	69
27	19,970	.....	.....	80	36,697	.....	.....	2	$416	.....	.....	.....	.....	.....	.....	664,753	858,439	70
91	77,511	1	167	329	180,958	1	208	2	276	.....	.....	.....	.....	.....	.....	311,602	706,410	71
71	42,457	1	273	48	22,200	.....	.....	.....	.....	38	18,289	.....	.....	1	$60	75,878	211,767	72
4	3,420	.....	.....	35	19,500	5	1,350	.....	.....	.....	.....	.....	.....	.....	.....	40,970	87,450	73
3	2,195	.....	.....	6	2,002	5	926	1	104	.....	.....	.....	.....	.....	.....	7,290	16,500	74
39	28,773	.....	.....	80	50,389	1	200	2	312	4	3,550	.....	.....	.....	.....	66,220	186,841	75
3	2,600	.....	.....	6	2,548	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,680	8,100	76
6	4,524	.....	.....	3	1,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,485	11,660	77
127	151,981	5	2,304	1,741	1,126,196	91	34,075	5	812	10	10,000	.....	.....	.....	.....	1,680,479	4,427,603	78

instruments, professional and scientific, 1; lamps and reflectors, 1; ordnance and ordnance stores, 1; photographic apparatus, 1; photolithographing and engraving, 2; plumbers' supplies, 2; printing materials, 1; soap and candles, 1; stereotyping and electrotyping, 2; surgical appliances, 2; taxidermy, 2; upholstery materials, 1; vinegar and cider, 2.

FLORIDA.

BY SPECIFIED INDUSTRIES.

741	564,799	67	29,655	8,512	3,569,122	715	217,358	189	21,608	3,027	1,893,862	597	$297,197	79	9,467	8,021,854	18,222,890	1
20	11,599	.....	.....	21	7,319	.....	.....	1	60	2	250	.....	.....	.....	.....	16,234	49,030	2
16	7,850	.....	.....	8	3,666	.....	.....	1	50	4	1,800	.....	.....	.....	.....	5,081	23,498	3
18	13,372	1	360	28	12,199	5	936	1	50	.....	.....	.....	.....	.....	.....	42,759	87,524	4
22	11,239	.....	.....	189	45,073	1	175	22	3,110	3	1,000	.....	.....	.....	.....	19,805	119,260	5
10	10,434	.....	.....	123	71,425	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57,585	158,652	6
31	20,237	.....	.....	73	39,009	.....	.....	2	346	2	1,000	.....	.....	.....	.....	57,399	144,137	7
7	7,160	.....	.....	276	144,187	4	810	.....	.....	.....	.....	.....	.....	.....	.....	201,514	354,043	8
9	6,930	.....	.....	16	9,090	1	320	.....	.....	13	4,665	8	1,940	.....	.....	24,184	61,495	9
.....	.....	32	13,577	.....	.....	23	4,725	1	180	.....	.....	1	50	.....	.....	41,106	64,939	10
3	3,174	.....	.....	6	3,250	.....	.....	.....	.....	1	750	.....	.....	.....	.....	8,725	22,275	11
6	3,380	1	250	7	3,900	.....	.....	4	470	.....	.....	.....	.....	.....	.....	7,850	18,918	12
2	273	.....	.....	67	7,352	51	2,514	7	340	.....	.....	.....	.....	.....	.....	5,305	28,127	13
7	5,057	.....	.....	4	2,085	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,715	15,850	14
5	5,600	.....	.....	23	4,305	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74,075	86,137	15
35	9,845	.....	.....	149	20,218	1	50	.....	.....	5	325	.....	.....	.....	.....	150,135	198,110	16
15	15,020	.....	.....	131	72,237	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47,058	152,259	17
3	2,200	.....	.....	4	2,000	.....	.....	.....	.....	1	100	.....	.....	.....	.....	2,850	8,525	18
8	7,992	.....	.....	28	16,182	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,880	115,949	19
11	9,400	.....	.....	82	36,698	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,328	151,915	20
2	868	.....	.....	16	11,060	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,381	26,100	21
4	2,360	.....	.....	35	11,325	.....	.....	.....	.....	3	1,200	.....	.....	.....	.....	8,987	34,793	22
210	155,141	5	1,650	3,591	1,213,981	24	4,400	60	6,758	346	15,990	.....	.....	3	200	2,733,322	5,424,307	23
20	16,560	.....	.....	147	74,673	.....	.....	.....	.....	1	128	.....	.....	.....	.....	119,799	270,205	24
3	2,600	1	300	11	6,637	4	336	.....	.....	.....	.....	.....	.....	.....	.....	17,048	31,820	25
.....	.....	14	5,468	1	60	19	5,227	.....	.....	.....	.....	4	386	.....	.....	18,084	34,480	26
9	7,803	.....	.....	38	15,650	1	208	3	300	.....	.....	.....	.....	.....	.....	13,840	59,082	27
8	6,750	.....	.....	20	11,526	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,299	46,383	28
7	3,840	.....	.....	10	3,746	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,743	12,192	29
6	5,525	1	200	6	3,215	1	175	.....	.....	1	499	.....	.....	.....	.....	3,899	16,457	30
9	8,750	1	350	58	33,302	.....	.....	6	1,050	.....	.....	.....	.....	.....	.....	165,874	249,165	31

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

FLORIDA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.					Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
32	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	3	$30,800	$20,500	.....	.....	$20,500	$10,300	$2,670	44	$21,552
33	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	83	405,055	324,391	$6,415	$12,225	305,751	80,664	73,332	515	260,113
34	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	7	14,568	6,220	620	2,200	3,400	8,348	1,066	27	16,560
35	Saddlery and harness	3	8,160	4,000	1,000	2,000	1,000	4,160	424	7	4,230
36	Shipbuilding	16	93,156	86,675	26,400	45,820	14,455	6,481	2,083	76	33,621
37	Starch	3	675	530	45	130	355	145	10	6	1,650
38	Tar and turpentine	15	182,992	132,317	102,842	.....	29,475	50,675	5,520	484	93,269
39	Timber products, not manufactured at mill.	13	39,867	14,005	6,270	.....	7,825	25,772	9,133	341	48,597
40	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	5	5,905	2,230	200	500	1,530	3,675	805	12	4,968
41	Tobacco, cigars and cigarettes	86	1,686,396	215,641	67,385	113,595	34,661	1,470,755	603,883	5,352	3,457,610
42	All other industries (*a*)	39	989,482	806,268	254,775	195,627	355,866	183,214	40,369	695	239,541

a Embraces bookbinding and blank-book making, 1; boxes, cigar, 2; boxes, wooden packing, 1; brooms and brushes, 1; cars, steam railroad, not including operations of railroad companies, 1; cars, street railroad, not including operations of railroad companies, 1; clay and pottery products, 1; coffee and spice, roasting and grinding, 1; cooperage, 2; dyeing and cleaning, 1; furniture, factory product, 1; hosiery and knit goods, 1; liquors, vinous, 2; lock and gun smithing, 1; marble and stone work, 1; masonry, brick and stone, 2; oil, cottonseed and cake, 2; oysters, canning and preserving, 1; patent medicines and compounds, 1; perfumery and

BY COUNTIES.

[No manufactures reported from the following counties: Calhoun, Liberty, Taylor, and Wakulla.]

1	The State	865	11,110,304	7,277,120	2,435,136	1,079,512	3,762,472	2,833,184	1,131,067	13,927	6,513,068
2	Alachua	31	329,773	274,745	93,285	45,950	135,510	55,028	12,889	397	101,289
3	Baker	5	211,180	205,640	145,240	15,450	44,956	5,540	4,521	67	34,022
4	Bradford	5	23,550	18,750	5,425	1,175	12,150	4,806	1,868	40	12,116
5	Brevard	8	26,325	24,875	6,200	3,875	14,800	1,450	1,077	18	9,018
6	Citrus	12	59,240	25,380	3,090	1,775	20,515	33,860	2,544	119	38,470
7	Clay	8	84,751	42,150	2,050	6,450	33,650	42,601	10,577	148	62,541
8	Columbia	18	280,575	218,575	74,675	30,450	113,450	62,000	11,404	524	116,784
9	Dade	5	9,675	6,480	245	930	5,305	3,195	10	19	3,229
10	Duval	190	1,492,903	1,012,586	193,641	172,475	646,470	480,317	176,226	1,982	973,653
11	Escambia	27	2,497,304	1,873,007	869,610	145,850	857,547	624,387	133,811	973	416,584
12	Franklin	10	537,276	317,480	57,500	86,800	173,180	219,796	22,303	460	155,326
13	Gadsden	9	14,258	11,460	6,175	1,515	3,770	2,798	1,034	43	8,493
14	Hamilton	14	33,045	28,590	3,315	2,725	22,550	4,455	1,476	132	29,654
15	Hernando	5	81,208	63,400	43,200	2,350	17,850	17,808	2,186	37	16,758
16	Hillsboro	50	518,859	238,757	67,595	67,510	103,652	280,102	122,920	1,320	950,839
17	Holmes	11	36,660	33,075	8,045	4,850	20,180	3,585	983	103	26,889
18	Jackson	15	139,196	111,501	69,376	6,945	35,180	27,695	2,999	160	29,766
19	Jefferson	14	28,670	20,550	5,150	3,800	11,600	8,120	841	33	7,618
20	Lafayette	5	31,600	24,025	12,875	250	10,900	7,575	586	35	7,167
21	Lake	22	71,020	62,185	4,290	3,775	54,120	9,435	6,493	134	35,913
22	Leon	26	117,350	91,165	4,460	32,150	54,555	26,185	3,791	211	78,867
23	Levy	6	63,650	31,575	10,700	4,800	16,075	32,075	2,213	175	53,590
24	Madison	14	809,451	568,678	189,255	92,122	287,301	240,773	36,856	666	159,218
25	Manatee	5	13,765	9,525	525	850	8,150	4,240	1,086	18	5,634
26	Marion	28	243,600	133,030	24,255	25,775	83,000	110,570	18,982	336	156,642
27	Monroe	59	1,209,560	171,851	47,800	74,250	49,801	1,037,709	445,971	3,755	2,344,221
28	Nassau	12	410,366	280,712	85,317	26,410	171,985	123,594	9,295	355	111,761
29	Orange	42	365,588	198,801	27,797	30,167	140,927	166,697	20,225	365	186,830
30	Pasco	13	74,191	67,115	45,925	8,950	17,240	7,076	2,825	57	12,804
31	Polk	19	61,876	44,305	9,050	3,830	31,425	17,571	3,390	154	33,411
32	Putnam	30	172,974	141,438	23,520	20,253	97,665	31,586	13,439	236	74,785
33	St. John	19	247,297	185,332	19,275	24,105	141,952	61,965	18,538	283	106,823
34	Santa Rosa	6	48,677	38,342	13,815	1,670	22,857	10,335	1,814	57	15,929
35	Sumter	14	44,490	38,690	5,100	4,325	29,265	5,800	1,569	87	27,837
36	Suwanee	11	55,545	42,135	9,025	6,575	26,535	13,410	5,372	102	25,077
37	Volusia	26	150,326	121,550	26,195	16,355	79,000	28,776	11,373	123	45,722
38	Walton	3	10,150	5,750	350	1,050	4,350	4,400	1,131	37	10,147
39	Washington	3	33,500	27,100	21,200	800	5,100	6,400	1,781	23	6,686
40	All other counties (*a*)	5	470,250	460,725	200,650	102,175	157,900	9,525	15,224	143	20,955

a Includes establishments distributed as follows: De Soto, 1; Lee, 2; Osceola, 2.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

FLORIDA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
5	$7,800	.....	.....	19	$11,800	8	$2,000	.....	.....	12	$252	.....	.....	.....	.....	$11,830	$43,700	32
76	62,446	10	$7,000	281	148,052	29	8,708	71	$6,967	48	26,940	.....	.....	.....	.....	110,292	524,108	33
5	4,420	.....	.....	22	12,140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,540	39,375	34
1	1,000	.....	.....	6	3,230	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,508	13,175	35
7	3,740	.....	.....	62	28,155	.....	.....	.....	.....	7	1,726	.....	.....	.....	.....	21,702	68,920	36
5	1,590	.....	.....	.....	.....	.....	.....	1	60	.....	.....	.....	.....	.....	.....	530	2,816	37
.....	.....	.....	.....	477	92,673	.....	.....	.....	.....	6	500	1	$96	.....	.....	45,865	194,859	38
2	650	.....	.....	194	31,216	3	351	.....	.....	142	16,380	.....	.....	.....	.....	11,694	90,572	39
2	926	.....	.....	10	4,042	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,452	11,600	40
78	80,944	1	500	1,835	1,210,134	527	184,689	6	1,397	2,367	1,794,277	482	177,842	56	$7,827	3,237,961	8,123,220	41
64	40,624	.....	.....	441	142,310	13	1,734	3	470	63	26,080	101	26,883	20	1,440	627,616	1,057,878	42

cosmetics, 2; pickles, preserves, and sauces, 1; plastering and stuccowork, 1; pumps, not including steam pumps, 1; rice, cleaning and polishing, 1; slaughtering, wholesale, not including meat packing, 2; sugar and molasses, refining, 1; trunks and valises, 1; umbrellas and canes, 1; upholstery materials, 2; wood, preserving, 1; wood, turned and carved, 1.

BY COUNTIES.

[No manufactures reported from the following counties: Calhoun, Liberty, Taylor, and Wakulla.]

741	564,799	67	29,655	8,512	3,569,122	715	217,358	189	21,608	3,027	1,893,862	597	207,197	79	9,467	8,021,854	18,222,890	1
39	19,371	.....	.....	300	77,699	45	2,409	10	1,735	3	75	.....	.....	.....	.....	177,681	366,401	2
6	2,780	.....	.....	59	30,830	.....	.....	1	100	1	300	.....	.....	.....	.....	52,449	120 355	3
6	2,600	.....	.....	32	9,264	.....	.....	1	52	1	200	.....	.....	.....	.....	22,734	47,320	4
5	2,438	.....	.....	12	6,430	.....	.....	1	150	.....	.....	.....	.....	.....	.....	5,192	18,148	5
16	7,710	.....	.....	87	28,758	10	1,580	6	422	.....	.....	.....	.....	.....	.....	24,372	87,245	6
5	7,500	.....	.....	143	55,041	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	226,829	357,015	7
9	5,135	.....	.....	497	110,163	8	696	7	340	3	450	.....	.....	.....	.....	152,537	346,992	8
9	2,275	.....	.....	8	874	.....	.....	2	80	.....	.....	.....	.....	.....	.....	5,131	11,116	9
138	176,580	53	23,304	1,128	515,027	63	15,907	54	5,817	353	207,058	80	21,360	53	7,709	1,274,477	2,802,891	10
42	43,003	.....	.....	889	363,576	1	250	32	3,830	9	5,925	.....	.....	.....	.....	697,904	1,598,928	11
28	27,195	2	1,100	349	119,821	10	860	10	1,260	11	1,490	30	2,160	20	1,440	276,910	523,351	12
2	650	.....	.....	33	6,578	3	200	1	150	2	820	.....	.....	2	95	9,129	22,352	13
12	3,517	.....	.....	120	26,137	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,033	69,897	14
10	4,620	.....	.....	24	11,528	2	350	1	200	.....	.....	.....	.....	.....	.....	20,631	40,851	15
41	36,887	.....	.....	363	203,988	19	5,698	6	884	802	666,310	89	37,072	.....	.....	1,039,027	2,357,459	16
10	2,630	.....	.....	89	23,791	.....	.....	4	468	.....	.....	.....	.....	.....	.....	54,446	95,245	17
7	2,500	.....	.....	148	26,966	.....	.....	.....	.....	5	300	.....	.....	.....	.....	43,019	90,916	18
9	8,333	.....	.....	22	4,085	.....	.....	1	50	1	150	.....	.....	.....	.....	10,619	24,811	19
1	95	.....	.....	33	7,022	1	50	.....	.....	.....	.....	.....	.....	.....	.....	12 187	27,550	20
12	7,604	1	1,200	117	25,677	1	208	1	144	2	1,080	.....	.....	.....	.....	32,122	92,390	21
15	10,331	4	1,101	177	65,787	3	308	3	226	5	728	4	386	.....	.....	119,629	214,836	22
5	4,800	.....	.....	136	41,990	15	3,000	15	1,800	4	2,000	.....	.....	.....	.....	63,764	140,577	23
21	15,704	.....	.....	254	103,756	.....	.....	1	175	350	23,800	40	15,783	.....	.....	212,208	463,031	24
1	520	.....	.....	17	5,114	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,480	15,450	25
30	22,590	2	1,700	269	120,062	29	10,240	3	850	3	1,200	.....	.....	.....	.....	123,303	360,140	26
50	51,897	.....	.....	1,583	1,042,815	470	169,539	8	697	1,292	949,525	351	129,716	1	32	2,276,070	5,631,769	27
17	14,276	.....	.....	322	92,743	2	360	5	450	6	3,212	3	720	.....	.....	216,373	448,220	28
34	24,487	.....	.....	317	158,975	8	2,440	5	800	1	128	.....	.....	.....	.....	310,798	613,354	29
6	1,854	1	200	47	10,486	1	104	.....	.....	2	160	.....	.....	.....	.....	23,873	44,742	30
15	6,502	.....	.....	57	19,215	1	104	.....	.....	81	7,500	.....	.....	.....	.....	29,397	95,291	31
23	14,455	2	250	192	56,364	4	291	.....	.....	12	3,225	.....	.....	3	200	75,030	198,872	32
18	17,770	.....	.....	173	71,413	17	2,400	6	360	69	14,880	.....	.....	.....	.....	122,014	286,164	33
6	2,990	.....	.....	45	11,263	.....	.....	.....	.....	6	1,676	.....	.....	.....	.....	18,778	41,940	34
7	3,940	.....	.....	79	23,377	.....	.....	.....	.....	1	520	.....	.....	.....	.....	43,384	99,092	35
6	2,750	1	300	93	21,777	.....	.....	.....	.....	2	250	.....	.....	.....	.....	26,144	52,400	36
13	8,540	1	500	102	35,810	2	364	5	508	.....	.....	.....	.....	.....	.....	89,356	190,516	37
1	375	.....	.....	36	9,772	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,748	40,168	38
.....	.....	.....	.....	23	6,686	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,748	34,470	39
6	2,499	.....	.....	137	18,456	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66,331	110,625	40

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

GEORGIA.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	4,285	$56,921,589	$36,137,965	$8,034,597	$9,072,266	$19,031,102	$20,783,615	$4,010,539	56,383	$17,312,196
2	Agricultural implements	11	498,630	258,160	58,280	82,930	116,950	249,470	33,921	467	174,811
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	331	245,721	127,606	49,520	48,235	38,851	118,115	24,958	733	265,315
4	Boots and shoes, custom work and repairing.	184	53,139	25,632	5,362	7,000	13,270	27,498	14,646	345	128,419
5	Boots and shoes, factory product	3	16,461	9,175	175	5,190	3,900	7,286	1,034	26	7,204
6	Bottling. (See also Liquors, malt; Mineral and soda waters.)	4	16,112	3,950	.....	.....	3,950	12,162	5,356	56	26,892
7	Bread and other bakery products	76	394,356	179,760	49,116	55,360	84,284	214,656	69,560	496	190,774
8	Brick and tile. (See also Clay and pottery products.)	61	950,263	650,668	319,650	125,323	206,285	299,605	68,580	2,980	473,872
9	Brooms and brushes	7	5,282	1,372	125	325	922	3,910	448	25	5,554
10	Carpentering	108	269,765	81,865	40,525	16,825	24,515	187,900	16,979	1,017	483,579
11	Carriage and wagon materials	5	50,850	35,250	18,000	5,790	11,550	15,600	3,878	73	32,243
12	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	129	840,441	276,369	70,085	109,572	96,712	573,072	59,138	950	408,289
13	Cars and general shop construction and repairs by steam railroad companies.	11	450,512	281,860	73,950	113,850	94,960	168,652	.....	989	541,797
14	Clay and pottery products. (See also Brick and tile.)	17	229,269	168,359	33,299	48,585	86,075	60,919	5,739	264	90,011
15	Clothing, men's, custom work and repairing.	77	358,381	97,924	40,250	34,000	14,674	260,457	36,865	583	337,907
16	Clothing, men's, factory product	13	145,195	64,130	18,500	24,500	11,130	90,975	5,905	369	98,543
17	Clothing, women's, dressmaking	194	43,685	32,886	6,350	6,750	19,786	10,799	20,689	486	133,402
18	Coffins and burial cases, trimming and finishing.	17	62,905	25,550	18,400	5,700	1,450	39,455	4,266	44	23,104
19	Coffins, burial cases, and undertakers' goods.	3	295,250	69,850	32,050	20,300	17,500	225,400	20,789	133	61,387
20	Confectionery	15	88,460	18,875	1,900	2,000	15,875	66,585	11,732	106	45,593
21	Cooperage	13	73,385	41,410	14,130	11,175	16,105	31,975	6,873	107	46,893
22	Cotton, compressing	9	1,708,000	1,360,000	684,000	217,000	459,000	348,000	61,237	514	127,147
23	Cotton, ginning	281	358,958	350,050	33,118	75,278	241,654	8,908	14,935	1,238	88,903
24	Cotton goods. (See also Hosiery and knit goods.)	53	17,664,675	12,003,806	1,455,287	3,724,049	6,824,400	5,660,869	724,822	10,530	2,866,085
25	Dentistry, mechanical	23	15,939	8,325	.....	.....	8,325	7,605	5,258	30	24,610
26	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	8	22,650	3,850	900	900	2,050	18,800	1,970	23	5,445
27	Dyeing and cleaning	12	12,360	8,205	1,400	1,825	4,980	4,155	2,841	55	20,258
28	Fertilizers. (See also Chemicals.)	44	5,591,881	1,701,587	241,516	824,713	635,358	3,800,294	468,590	1,428	484,589
29	Flouring and grist mill products	719	2,347,835	1,881,204	443,113	570,876	867,215	466,631	103,985	1,394	301,342
30	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	52	2,197,969	1,121,842	348,450	260,459	512,942	986,127	124,302	1,743	842,449
31	Fruits and vegetables, canning and preserving. (See also Food preparations.)	4	29,217	11,200	1,750	1,200	8,250	18,017	1,417	52	5,825
32	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	35	34,175	19,419	4,945	7,575	6,890	14,765	5,034	89	31,511
33	Furniture, chairs	5	35,225	12,450	850	1,700	9,900	22,775	2,111	273	39,940
34	Furniture, factory product	17	777,525	410,935	125,100	124,242	161,593	366,590	37,520	765	346,968
35	Gas, illuminating and heating	11	1,588,466	1,486,071	239,300	148,620	1,098,145	102,395	114,975	156	95,337
36	Hand stamps	4	8,550	3,900	.....	.....	3,900	4,650	1,184	14	8,104
37	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	4	121,494	97,500	17,000	48,000	32,500	23,994	10,605	349	71,952
38	Ice, artificial	16	487,534	462,250	82,809	65,450	314,000	25,284	18,231	197	65,162
39	Iron and steel	5	998,243	652,000	57,000	90,000	505,000	259,243	58,632	357	112,170
40	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	3	67,242	21,500	3,000	6,000	12,500	45,742	4,172	82	49,202
41	Leather, tanned and curried	32	373,619	145,575	14,790	66,535	64,250	228,035	12,721	255	94,369
42	Lime and cement	4	196,300	182,700	135,500	31,000	16,200	13,600	261	144	51,672
43	Liquors, distilled	37	83,625	51,355	10,080	18,590	22,775	32,270	158,397	119	31,789
44	Liquors, malt. (See also Bottling.)	5	923,247	707,701	84,687	219,000	404,014	215,540	92,140	193	129,186
45	Lock and gun smithing	19	12,939	6,755	400	600	5,855	6,175	3,528	35	19,806
46	Looking-glass and picture frames	4	6,560	525	.....	.....	525	6,035	1,805	11	4,936

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

GEORGIA.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecoworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
3,790	$2,569,166	295	$119,034	40,903	$12,335,399	4,831	$1,066,618	3,177	$315,547	1,876	$640,892	1,167	$232,188	344	$33,352	$35,774,480	$68,917,020	1
32	34,443	.....	.....	400	123,458	.....	.....	11	660	24	16,250	.....	.....	.....	.....	425,985	793,825	2
223	99,576	.....	.....	482	162,237	1	150	19	2,197	8	1,155	.....	.....	.....	.....	128,562	551,491	3
134	55,645	1	500	166	58,719	2	468	5	878	86	12,157	.....	.....	1	52	76,468	256,287	4
4	3,100	.....	.....	15	2,630	2	235	1	14	3	1,100	1	125	.....	.....	7,917	18,542	5
5	3,952	.....	.....	46	22,264	.....	.....	5	676	.....	.....	.....	.....	.....	.....	91,845	140,130	6
79	55,844	10	2,920	316	115,716	85	15,090	6	1,204	.....	.....	.....	.....	.....	.....	786,572	1,241,349	7
61	46,420	.....	.....	1,816	403,394	.....	.....	58	4,583	140	19,350	.....	.....	5	125	253,922	1,201,542	8
5	1,390	.....	.....	17	3,540	1	364	2	260	.....	.....	.....	.....	.....	.....	9,380	20,500	9
71	51,788	.....	.....	915	422,331	.....	.....	9	1,340	22	8,120	.....	.....	.....	.....	762,683	1,475,687	10
8	7,531	.....	.....	65	24,712	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37,657	100,585	11
129	92,913	1	500	799	309,107	2	180	14	1,925	13	3,514	.....	.....	1	150	559,900	1,221,119	12
23	19,140	.....	.....	966	522,657	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	349,844	892,610	13
31	20,540	.....	.....	217	64,059	4	504	2	40	10	4,868	.....	.....	.....	.....	31,177	211,250	14
76	57,183	1	200	217	139,056	69	23,635	2	275	139	90,133	79	27,424	.....	.....	366,767	894,366	15
28	18,295	1	300	51	19,714	46	7,315	4	395	12	5,620	227	46,904	.....	.....	193,325	352,461	16
.....	.....	177	67,509	.....	.....	281	61,924	1	104	.....	.....	27	3,855	.....	.....	412,101	609,603	17
18	10,919	1	1,040	23	10,261	.....	.....	.....	.....	2	884	.....	.....	.....	.....	58,373	115,024	18
12	11,342	.....	.....	101	45,365	.....	.....	20	4,680	.....	.....	.....	.....	.....	.....	53,950	177,800	19
25	20,281	7	2,222	65	21,146	5	1,044	.....	.....	4	900	.....	.....	.....	.....	168,604	285,104	20
6	6,844	.....	.....	72	24,635	.....	.....	3	739	26	14,675	.....	.....	.....	.....	82,216	177,866	21
43	27,965	.....	.....	471	99,182	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59,135	401,303	22
142	20,034	.....	.....	1,061	68,050	6	186	19	347	8	286	.....	.....	.....	.....	23,613	227,782	23
212	196,585	4	2,464	3,545	965,457	3,458	745,088	2,287	213,175	304	108,204	547	116,614	173	18,498	7,832,230	12,035,629	24
24	21,765	.....	.....	5	2,445	.....	.....	.....	.....	1	400	.....	.....	.....	.....	8,012	60,210	25
7	2,589	.....	.....	14	2,726	2	130	.....	.....	.....	.....	.....	.....	.....	.....	9,002	23,110	26
9	5,737	6	1,614	22	9,449	14	2,913	4	545	.....	.....	.....	.....	.....	.....	4,229	29,762	27
164	158,578	.....	.....	1,255	324,479	4	1,248	5	284	.....	.....	.....	.....	.....	.....	3,098,883	5,026,034	28
314	103,050	2	328	1,052	196,450	2	156	21	1,322	3	30	.....	.....	.....	.....	4,356,700	5,190,311	29
110	109,524	1	624	1,603	729,173	.....	.....	29	3,128	.....	.....	.....	.....	.....	.....	753,299	2,272,653	30
8	1,737	.....	.....	17	2,202	11	954	3	72	1	200	17	660	.....	.....	12,460	28,770	31
24	11,007	.....	.....	52	17,798	7	1,472	4	718	2	516	.....	.....	.....	.....	42,727	104,421	32
4	2,590	.....	.....	64	18,890	20	4,000	25	2,500	40	5,760	40	2,500	80	3,700	25,015	108,160	33
60	44,922	1	180	648	201,278	.....	.....	55	10,363	1	225	.....	.....	.....	.....	432,552	988,408	34
35	33,760	.....	.....	121	61,577	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	135,698	526,770	35
7	4,736	.....	.....	5	3,068	.....	.....	2	300	.....	.....	.....	.....	.....	.....	2,973	18,675	36
11	7,860	.....	.....	33	12,694	111	28,551	46	5,265	10	1,500	110	13,880	28	2,202	70,697	166,850	37
20	13,745	.....	.....	177	51,417	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58,115	282,970	38
18	23,125	.....	.....	319	84,405	.....	.....	20	4,640	.....	.....	.....	.....	.....	.....	321,728	471,757	39
6	6,852	.....	.....	70	41,310	.....	.....	6	1,040	.....	.....	.....	.....	.....	.....	38,564	110,075	40
38	22,444	.....	.....	213	71,405	.....	.....	2	120	2	400	.....	.....	.....	.....	259,585	433,858	41
10	9,230	.....	.....	128	40,462	1	200	1	180	4	1,500	.....	.....	.....	.....	39,921	116,620	42
15	5,313	.....	.....	99	25,976	.....	.....	1	50	4	450	.....	.....	.....	.....	69,034	323,938	43
27	31,650	1	300	140	86,736	.....	.....	.....	.....	25	10,560	.....	.....	.....	.....	241,783	580,760	44
2	12,336	.....	.....	15	7,470	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,528	42,486	45
	936	.....	.....	8	3,792	.....	.....	1	208	.....	.....	.....	.....	.....	.....	10,032	19,150	46

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

GEORGIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
47	Lumber and other mill products from logs or bolts.	434	$4,884,568	$3,888,078	$1,230,001	$401,248	$2,256,829	$996,490	$202,800	5,917	$1,572,284
48	Lumber planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	82	1,677,880	879,810	213,195	193,399	473,216	798,070	126,193	2,317	998,302
49	Marble and stone work. (See also Monuments and tombstones.)	14	343,750	196,827	27,100	21,100	148,627	146,923	20,252	217	121,002
50	Masonry, brick and stone. (See also Plastering and stuccowork.)	34	191,242	19,675	3,250	6,100	10,325	171,567	9,931	732	249,197
51	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	18	189,900	62,160	16,950	17,400	27,810	127,740	19,359	211	76,283
52	Millinery, custom work	43	108,345	5,500	1,000	1,000	3,500	102,845	20,530	197	80,949
53	Mineral and soda waters. (See also Bottling.)	14	56,135	43,552	4,834	4,000	34,718	12,583	4,480	78	25,742
54	Monuments and tombstones. (See also Marble and stone work.)	11	26,660	1,660	.....	.....	1,660	25,000	3,778	60	33,276
55	Musical instruments and materials, not specified.	5	6,300	3,100	500	600	2,000	3,200	1,399	18	9,962
56	Oil, cottonseed and cake	17	992,131	812,300	92,000	253,200	467,100	179,831	86,843	800	186,685
57	Painting and paper hanging	69	96,112	31,355	11,200	9,000	11,155	64,757	9,235	371	179,431
58	Paints. (See also Chemicals.)	3	49,650	22,700	3,500	7,000	12,200	26,950	2,541	43	15,152
59	Paper	3	117,400	86,000	16,000	25,000	45,000	31,400	5,025	74	20,540
60	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	14	254,386	53,855	9,600	23,200	21,055	200,531	331,786	131	61,695
61	Paving and paving materials	5	67,328	49,328	38,598	3,630	7,100	18,000	6,700	422	176,230
62	Photography	37	33,317	15,650	.....	.....	15,650	17,667	9,639	70	35,764
63	Plastering and stuccowork. (See also Masonry, brick and stone.)	9	6,400	1,010	150	350	510	5,390	930	48	18,424
64	Plumbing and gas fitting	30	153,098	33,238	7,000	11,000	15,238	119,860	10,917	278	151,292
65	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	34	481,329	317,700	25,700	38,700	253,300	163,629	36,539	515	252,837
66	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	204	1,286,729	1,003,100	144,670	170,025	688,405	283,629	300,163	1,415	769,724
67	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet iron working.)	17	40,390	8,910	.....	.....	8,910	31,480	6,014	134	63,134
68	Saddlery and harness	43	172,696	31,807	8,450	8,300	15,057	140,889	21,308	267	113,398
69	Shipbuilding	4	156,100	133,100	5,500	8,100	119,500	23,000	9,384	118	61,134
70	Shirts. (See also Furnishing goods, men's.)	3	3,200	900	.....	.....	900	2,300	429	26	7,524
71	Tar and turpentine	228	2,242,592	1,454,422	903,283	.....	551,139	788,170	108,003	9,911	2,012,396
72	Timber products, not manufactured at mill.	15	135,067	123,035	89,625	.....	33,410	12,032	25,479	348	115,001
73	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	37	282,770	213,695	69,200	78,500	65,995	69,075	15,538	368	178,370
74	Tobacco, chewing, smoking, and snuff	6	13,507	4,200	200	1,600	2,400	9,307	3,302	43	3,200
75	Tobacco, cigars and cigarettes	17	45,336	2,860	600	500	1,760	42,476	12,038	78	40,745
76	Trunks and valises	6	88,600	18,775	25	300	18,450	69,825	11,629	208	71,580
77	Umbrellas and canes	4	350	265	.....	.....	265	85	286	5	1,676
78	Vinegar and cider	9	49,025	25,650	11,350	4,050	10,250	23,375	1,972	52	14,658
79	Watch, clock, and jewelry repairing. (See also Jewelry.)	50	64,050	22,235	1,600	2,150	18,485	41,815	10,385	91	59,377
80	Woodenware, not elsewhere specified	3	17,015	13,325	2,000	800	10,525	3,690	1,489	18	6,516
81	Woolen goods. (See also Hosiery and knit goods.)	14	298,539	208,440	19,222	94,525	94,693	90,099	10,887	179	32,401
82	All other industries (a)	64	1,799,419	1,198,480	254,050	460,500	483,930	600,939	150,149	1,221	502,069

a Embraces awnings, tents, and sails, 1; bagging, flax, hemp, and jute, 1; bags, paper, 2; baking and yeast powders, 1; baskets and rattan and willow ware, 1; bookbinding and blank-book making, 1; boot and shoe uppers, 1; boxes, fancy and paper, 2; boxes, wooden packing, 2; bridges, 1; chemicals, 2; coffee and spice, roasting and grinding, 2; coke, 1; cordage and twine, 1; cutlery and edge tools, 1; electrical apparatus and supplies, 1; fancy articles, not elsewhere specified, 2; food preparations, 1; furnishing goods, men's, 1; glass, 2; hairwork, 2; hardware, 1; hats and caps, not including wool hats, 2; jewelry, 1; lithographing and engraving, 1;

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

GEORGIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Oporatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
316	$150,103	1	$1,300	5,374	$1,388,025	29	$4,000	98	$7,648	94	$20,758	2	$250	3	$200	$3,263,027	$6,306,095	47
157	145,012	3	2,000	2,083	842,157	1	156	59	8,547	14	430	.....	.....	.....	.....	1,907,370	3,548,972	48
24	24,980	.....	.....	185	94,966	.....	.....	8	1,056	.....	.....	.....	.....	.....	.....	132,936	375,520	49
27	26,990	.....	.....	691	220,431	.....	.....	4	376	10	1,400	.....	.....	.....	.....	411,689	750,338	50
23	16,924	.....	.....	103	40,012	31	8,324	10	1,300	37	8,370	7	1,353	.....	.....	242,081	422,824	51
11	7,290	35	14,751	7	2,456	141	56,252	1	100	.....	.....	2	100	.....	.....	153,522	318,318	52
16	9,578	1	624	59	15,238	.....	.....	2	302	.....	.....	.....	.....	.....	.....	27,236	103,231	53
9	7,086	.....	.....	51	26,190	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40,615	99,800	54
7	5,500	.....	.....	9	3,504	.....	.....	1	178	1	780	.....	.....	.....	.....	2,662	15,675	55
49	41,128	.....	.....	737	144,123	12	1,194	2	240	.....	.....	.....	.....	.....	.....	1,289,421	1,670,196	56
59	39,117	.....	.....	274	131,293	.....	.....	5	666	33	8,355	.....	.....	.....	.....	172,370	490,220	57
7	8,424	.....	.....	35	6,528	1	200	.....	.....	.....	.....	.....	.....	.....	.....	36,737	62,000	58
4	3,740	.....	.....	52	14,040	18	2,760	.....	.....	.....	.....	.....	.....	.....	.....	45,695	93,874	59
34	32,327	1	480	63	23,992	27	4,576	6	320	.....	.....	.....	.....	.....	.....	180,147	837,495	60
5	4,570	.....	.....	373	134,160	.....	.....	12	1,500	32	36,000	.....	.....	.....	.....	184,497	513,648	61
30	17,760	1	260	37	17,380	1	260	.....	.....	1	104	.....	.....	.....	.....	31,566	94,205	62
6	2,144	.....	.....	29	11,450	.....	.....	.....	.....	13	4,830	.....	.....	.....	.....	15,303	41,392	63
34	28,057	.....	.....	235	121,113	.....	.....	9	2,122	.....	.....	.....	.....	.....	.....	296,319	580,812	64
78	60,816	8	2,956	317	159,448	85	23,334	22	3,858	6	2,425	.....	.....	.....	.....	222,814	628,805	65
228	178,299	23	12,202	880	491,897	72	20,901	81	7,399	118	56,486	13	2,540	.....	.....	537,271	2,078,024	66
9	5,994	.....	.....	125	57,140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	81,678	180,960	67
38	22,079	.....	.....	206	85,382	.....	.....	17	2,257	6	3,680	.....	.....	.....	.....	161,179	378,976	68
6	6,080	.....	.....	112	55,054	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45,716	126,300	69
4	1,852	.....	.....	.....	.....	22	5,672	.....	.....	.....	.....	.....	.....	.....	.....	6,144	17,630	70
22	14,210	.....	.....	9,563	1,955,577	.....	.....	.....	.....	270	37,924	40	3,985	16	700	1,001,686	4,242,255	71
5	2,665	.....	.....	125	36,761	.....	.....	.....	.....	218	75,575	.....	.....	.....	.....	41,222	239,100	72
50	41,324	.....	.....	314	136,505	.....	.....	3	416	1	125	.....	.....	.....	.....	233,572	528,814	73
3	990	.....	.....	12	1,317	15	490	10	353	3	50	.....	.....	.....	.....	4,363	13,938	74
9	5,968	1	900	36	17,842	1	172	7	752	18	13,311	6	1,800	.....	.....	42,502	110,149	75
9	7,462	.....	.....	74	26,418	.....	.....	.....	.....	100	31,200	.....	.....	25	6,500	97,435	211,950	76
3	1,220	1	300	1	156	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,183	3,975	77
20	6,773	.....	.....	32	7,885	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37,202	83,640	78
29	18,874	.....	.....	57	38,854	1	208	.....	.....	4	1,441	.....	.....	.....	.....	29,797	121,971	79
3	976	.....	.....	12	5,040	.....	.....	3	500	.....	.....	.....	.....	.....	.....	14,855	27,350	80
17	9,367	.....	.....	64	12,896	55	6,183	25	1,570	.....	.....	16	2,260	2	125	95,999	173,245	81
144	118,271	6	2,560	690	297,271	185	36,129	99	9,859	54	28,951	33	7,928	10	1,100	1,911,906	3,158,325	82

matches, 1; millinery and lace goods, 2; models and patterns, 1; musical instruments, pianos and materials, 2; oil, resin, 1; perfumery and cosmetics, 2; rice, cleaning and polishing, 3; sausage, 1; saws, 1; scales and balances, 1; show cases, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 2; steam fittings and heating apparatus, 1; stencils and brands, 2; stereotyping and electrotyping, 1; tools, not elsewhere specified, 1; upholstery materials, 1; wirework, including wire rope and cable, 2; wood, turned and carved, 2.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

GEORGIA—Continued.

BY COUNTIES.

[No manufactnres reported from tho following counties: Calhoun, Chattahoochee, Clay, Glascock, Miller, and Webster.]

	COUNTIES.	Nnm-ber of estab-lish-ments report-ing.	CAPITAL.						Miscella-neous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and imple-ments.			Aver-age num-ber.	Total wages.
1	The State	4,285	$56,921,580	$36,137,965	$8,034,507	$9,072,266	$19,031,192	$20,783,615	$4,019,539	56,383	$17,312,196
2	Appling	23	297,145	246,287	152,885	7,940	85,462	50,858	23,658	531	129,035
3	Baldwin	37	147,716	94,645	16,250	30,100	48,295	53,071	7,005	235	74,527
4	Bartow	64	402,184	274,918	84,988	62,130	127,800	127,266	13,179	391	92,346
5	Berrien	19	98,844	78,386	41,111	3,870	33,405	20,458	4,328	324	62,393
6	Bibb	217	4,082,551	2,421,524	488,650	579,420	1,353,454	1,661,027	222,344	3,561	1,289,483
7	Bryan	8	63,745	41,775	22,900	.....	18,875	21,970	3,711	287	66,347
8	Bulloch	22	348,041	280,880	112,120	2,330	166,430	67,161	18,464	876	165,665
9	Burke	9	50,205	43,120	2,875	14,320	25,925	7,085	3,278	71	12,356
10	Butts	24	68,505	41,110	4,485	14,075	22,550	27,395	2,882	89	16,814
11	Camden	10	329,140	243,060	102,010	34,200	106,850	86,080	17,372	371	96,232
12	Campbell	32	45,775	43,620	5,810	11,550	26,260	2,155	1,876	101	9,474
13	Carroll	85	238,328	159,328	42,340	36,453	80,535	79,000	14,120	400	69,564
14	Catoosa	12	118,802	117,355	77,245	23,685	16,425	1,447	540	71	22,618
15	Charlton	10	181,385	167,385	102,710	1,175	63,500	14,000	23,882	388	107,945
16	Chatham	244	5,379,774	3,279,603	844,448	1,040,268	1,394,887	2,100,171	484,497	2,760	1,362,120
17	Chattooga	18	949,485	674,850	52,800	138,305	483,745	274,635	35,524	519	84,603
18	Cherokee	24	46,680	29,365	9,200	5,095	15,070	17,315	15,990	103	12,007
19	Clarke	03	1,122,015	628,990	103,945	159,575	365,470	493,025	61,515	1,226	328,980
20	Clayton	12	25,652	18,905	2,380	8,015	8,510	6,147	734	44	7,236
21	Clinch	19	331,637	242,437	80,260	15,025	147,152	89,200	14,104	773	172,896
22	Cobb	60	893,070	573,531	76,088	146,441	351,002	319,539	73,743	708	178,744
23	Coffee	25	379,930	275,048	121,438	5,420	148,190	104,882	16,815	1,061	244,439
24	Colquitt	8	46,270	30,570	17,570	550	12,450	15,700	3,150	271	48,785
25	Columbia	6	12,750	7,760	485	2,025	4,650	4,990	658	16	5,237
26	Cowsta	66	533,022	263,205	34,145	66,150	162,910	269,817	28,354	497	120,798
27	Crawford	22	47,254	45,695	18,570	3,725	23,400	1,559	1,302	158	31,480
28	Dade	8	356,345	321,500	20,250	30,000	271,250	34,845	48,342	124	50,624
29	Dawson	8	16,135	11,825	6,650	1,850	3,325	4,310	1,077	12	3,372
30	Decatur	8	48,645	27,445	14,670	75	12,700	21,200	2,015	119	29,320
31	Dekalb	67	582,323	444,219	104,038	195,685	144,496	138,104	39,915	595	202,093
32	Dodge	21	918,436	605,181	120,909	82,100	402,112	313,255	47,370	1,284	363,921
33	Dooly	32	375,964	270,005	98,205	43,400	128,400	105,959	6,770	565	157,712
34	Dougherty	81	545,627	274,627	36,930	56,100	181,597	271,000	38,938	621	168,608
35	Douglas	36	55,908	47,225	9,240	10,300	27,685	8,683	7,482	91	15,802
36	Echols	4	58,300	53,500	15,600	6,400	31,500	4,800	3,990	201	43,720
37	Effingham	5	16,995	8,025	3,250	.....	4,775	8,970	411	109	26,760
38	Elbert	28	205,237	104,352	19,832	24,380	60,140	100,885	8,514	152	27,202
39	Emanuel	21	423,257	330,787	107,142	17,935	205,710	92,470	16,819	649	155,170
40	Fannin	38	33,550	27,510	8,860	4,485	14,165	6,040	11,252	58	6,770
41	Fayette	25	31,364	28,115	6,055	4,345	17,715	3,249	986	90	14,514
42	Floyd	94	1,038,472	638,780	117,415	183,311	338,054	399,692	53,365	1,006	338,039
43	Forsyth	21	25,566	22,775	2,155	3,505	17,115	2,791	821	35	6,504
44	Franklin	20	36,482	27,200	6,430	3,825	16,945	9,282	1,770	74	18,945
45	Fulton	456	11,472,188	6,389,187	1,778,507	1,711,301	2,899,379	5,083,001	1,165,443	9,682	4,145,822
46	Gilmer	5	12,655	9,855	5,105	1,250	3,500	2,800	3,074	15	3,265
47	Glynn	19	577,550	429,650	96,500	76,830	256,350	147,900	19,149	502	184,560
48	Gordon	19	65,919	40,040	10,100	12,515	17,425	25,879	5,705	61	12,143
49	Greene	17	50,700	33,200	6,050	4,700	22,450	17,500	1,756	67	9,643
50	Gwinnett	77	172,077	100,130	13,965	21,940	64,225	71,947	21,785	403	72,651
51	Habersham	42	300,124	219,284	23,347	79,315	107,622	89,840	10,383	256	55,969
52	Hall	23	288,688	100,477	11,950	24,287	64,240	188,211	10,878	257	78,058
53	Hancock	19	103,685	84,800	12,910	27,800	44,090	18,885	5,189	123	28,265
54	Haralson	39	265,515	220,110	22,725	28,645	168,740	45,405	6,455	369	89,679
55	Harris	18	16,925	14,860	1,865	2,995	10,000	2,065	1,230	43	4,428
56	Hart	15	50,075	33,750	5,600	9,550	18,600	16,325	1,360	61	10,160
57	Heard	6	9,565	8,165	650	1,815	5,700	1,400	311	13	2,570
58	Henry	21	87,785	41,615	5,135	11,295	25,185	46,170	5,393	96	18,819
59	Houston	17	150,197	99,611	19,486	23,250	56,875	50,586	8,713	125	32,174
60	Irwin	11	117,130	91,580	59,250	1,500	30,830	25,550	2,850	285	68,277
61	Jackson	37	46,205	40,875	5,640	10,195	25,040	5,330	1,864	100	16,429
62	Jasper	36	58,451	47,885	13,780	9,715	24,390	10,566	2,718	125	14,737
63	Jefferson	8	29,475	15,275	2,925	3,300	9,050	14,200	2,300	42	9,562
64	Johnson	5	52,375	37,375	12,550	3,000	21,825	15,000	2,250	83	19,568
65	Jones	8	18,563	15,908	1,533	4,015	10,360	2,655	485	16	2,770
66	Laurens	17	152,107	111,782	51,967	4,750	55,065	40,325	8,802	563	109,700

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

GEORGIA—Continued.

BY COUNTIES.

[No manufactures reported from the following counties: Calhoun, Chattahoochee, Clay, Glascock, Miller, and Webster.]

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
3,790	$2,569,166	295	$119,034	40,903	$12,335,399	4,831	$1,066,618	3,177	$315,547	1,876	$640,892	1,167	$232,188	344	$33,352	$35,774,480	$68,917,020	1
8	3,740	.....	.....	515	124,745	.....	.....	.....	.....	2	60	4	390	2	100	193,739	479,798	2
36	21,198	4	883	168	46,657	3	712	4	312	18	4,500	2	265	.....	.....	75,423	220,848	3
44	18,985	.....	.....	311	68,147	2	260	21	2,869	11	2,070	1	10	1	5	346,058	523,266	4
5	2,218	.....	.....	309	58,309	.....	.....	2	66	7	1,700	1	100	.....	.....	78,532	203,819	5
238	179,881	28	9,960	2,536	965,871	392	84,536	210	18,154	53	16,886	79	12,050	25	2,125	2,743,400	5,337,985	6
1	263	.....	.....	279	65,104	.....	.....	.....	.....	.....	.....	7	980	.....	.....	34,785	134,000	7
9	5,800	.....	.....	844	157,488	1	42	.....	.....	10	1,500	12	835	.....	.....	143,568	383,612	8
7	3,162	.....	.....	63	9,144	1	50	.....	.....	.....	.....	.....	.....	.....	.....	42,494	64,291	9
15	4,297	.....	.....	65	11,047	.....	.....	7	870	2	600	.....	.....	.....	.....	33,061	67,429	10
6	7,700	.....	.....	347	83,552	2	180	5	200	10	4,500	1	100	.....	.....	196,124	439,845	11
10	2,096	.....	.....	89	7,180	.....	.....	2	198	.....	.....	.....	.....	.....	.....	28,528	48,087	12
63	17,434	.....	.....	234	40,552	53	7,925	44	3,297	6	356	.....	.....	.....	.....	172,366	311,314	13
10	6,953	.....	.....	60	15,615	.....	.....	1	50	.....	.....	.....	.....	.....	.....	35,685	75,859	14
3	860	.....	.....	301	67,185	.....	.....	.....	.....	84	39,900	.....	.....	.....	.....	61,992	246,830	15
319	291,672	22	11,100	2,099	968,812	83	22,397	31	4,187	197	62,652	9	1,300	.....	.....	3,297,804	6,319,066	16
23	17,283	1	300	163	34,265	111	13,170	137	6,930	2	350	82	12,300	.....	.....	292,520	419,048	17
10	2,697	.....	.....	57	7,834	17	892	13	324	6	350	.....	.....	.....	.....	27,010	62,851	18
90	55,094	6	1,844	668	208,048	246	41,764	148	13,573	44	8,243	24	2,414	.....	.....	640,819	1,230,017	19
4	350	.....	.....	38	6,836	.....	.....	2	50	.....	.....	.....	.....	.....	.....	30,029	44,712	20
12	5,520	.....	.....	678	157,676	.....	.....	.....	.....	77	9,400	.....	.....	6	300	201,602	483,190	21
66	37,260	2	1,128	392	112,652	100	16,639	101	6,497	2	614	25	2,880	20	1,074	501,178	834,549	22
12	3,742	.....	.....	1,032	239,357	.....	.....	1	180	2	300	6	560	8	300	146,600	546,554	23
1	200	.....	.....	269	48,485	.....	.....	.....	.....	.....	.....	1	100	.....	.....	27,031	113,575	24
4	2,368	.....	.....	12	2,869	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,510	10,640	25
48	24,591	.....	.....	346	83,529	60	9,850	32	1,598	6	780	2	250	3	200	343,795	607,658	26
15	5,574	.....	.....	138	25,441	2	400	3	65	.....	.....	.....	.....	.....	.....	34,390	83,270	27
10	9,998	.....	.....	114	40,626	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	326,337	402,571	28
3	1,274	.....	.....	8	2,050	.....	.....	1	48	.....	.....	.....	.....	.....	.....	11,253	17,810	29
6	4,000	.....	.....	108	24,970	.....	.....	2	250	3	100	.....	.....	.....	.....	16,600	66,525	30
61	50,050	.....	.....	497	124,033	6	774	11	1,236	20	26,000	.....	.....	.....	.....	666,007	1,081,766	31
30	24,142	.....	.....	1,247	337,679	.....	.....	.....	.....	6	2,000	1	100	.....	.....	588,170	1,197,625	32
23	13,883	.....	.....	528	139,345	.....	.....	3	284	11	4,200	.....	.....	.....	.....	375,129	701,735	33
53	32,151	8	4,447	484	119,679	22	4,456	8	1,030	12	1,625	34	5,220	.....	.....	495,124	820,922	34
26	7,448	.....	.....	60	7,504	.....	.....	1	100	1	150	3	600	.....	.....	45,348	84,604	35
2	960	.....	.....	181	39,520	15	2,818	3	422	.....	.....	.....	.....	.....	.....	71,373	168,350	36
3	1,120	.....	.....	106	25,640	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,455	55,350	37
17	6,038	.....	.....	115	19,383	4	720	13	936	3	125	.....	.....	.....	.....	163,794	228,964	38
10	5,516	1	1,300	576	137,176	.....	.....	4	500	58	10,678	.....	.....	.....	.....	232,897	513,780	39
8	1,321	.....	.....	49	5,333	1	116	.....	.....	.....	.....	.....	.....	.....	.....	34,323	60,579	40
10	3,426	.....	.....	80	11,088	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32,129	80,274	41
97	68,378	1	260	742	244,440	58	9,678	65	8,698	40	6,440	3	145	.....	.....	689,346	1,282,582	42
11	2,927	.....	.....	24	3,577	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30,316	44,892	43
14	6,132	.....	.....	59	12,738	.....	.....	1	75	.....	.....	.....	.....	.....	.....	44,701	80,117	44
769	661,762	43	19,580	6,851	2,950,193	805	189,668	461	58,169	449	196,557	219	57,093	85	12,800	6,742,568	14,534,847	45
3	1,000	.....	.....	12	2,265	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,363	14,460	46
25	21,495	.....	.....	442	159,456	10	1,250	25	2,449	.....	.....	.....	.....	.....	.....	387,597	658,009	47
5	3,502	.....	.....	53	8,509	.....	.....	3	132	.....	.....	.....	.....	.....	.....	115,541	156,646	48
7	1,794	.....	.....	59	7,764	.....	.....	.....	.....	1	65	.....	.....	.....	.....	41,623	70,045	49
58	15,626	.....	.....	240	50,004	14	1,590	8	306	3	625	30	2,000	50	2,500	181,444	334,249	50
29	15,934	.....	.....	138	30,275	46	6,347	41	3,138	2	275	.....	.....	.....	.....	119,601	246,576	51
43	15,081	1	180	182	59,677	6	1,110	23	1,610	2	400	.....	.....	.....	.....	184,539	301,679	52
17	6,081	.....	.....	57	13,184	36	7,000	13	2,000	.....	.....	.....	.....	.....	.....	80,649	115,540	53
39	21,456	.....	.....	318	66,723	.....	.....	12	1,500	.....	.....	.....	.....	.....	.....	138,704	285,329	54
4	280	.....	.....	38	3,908	1	240	.....	.....	.....	.....	.....	.....	.....	.....	12,211	23,795	55
5	1,280	.....	.....	40	7,380	9	900	6	500	1	100	.....	.....	.....	.....	44,139	63,037	56
1	90	.....	.....	12	2,460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,623	14,665	57
14	5,615	.....	.....	81	13,152	.....	.....	1	52	.....	.....	.....	.....	.....	.....	57,627	121,895	58
14	8,540	.....	.....	70	18,766	21	3,484	17	884	3	500	.....	.....	.....	.....	65,183	125,036	59
5	2,600	.....	.....	276	65,552	.....	.....	.....	.....	4	125	.....	.....	.....	.....	67,256	189,324	60
11	4,379	.....	.....	85	12,002	.....	.....	4	48	.....	.....	.....	.....	.....	.....	47,060	79,237	61
11	3,174	.....	.....	110	11,338	2	100	2	125	.....	.....	.....	.....	.....	.....	45,120	76,353	62
.....	.....	.....	.....	42	9,562	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,312	39,246	63
4	3,180	.....	.....	78	16,318	.....	.....	1	70	.....	.....	.....	.....	.....	.....	12,220	43,915	64
1	500	.....	.....	15	2,270	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,161	26,530	65
10	5,460	.....	.....	551	104,036	.....	.....	1	104	.....	.....	1	100	.....	.....	85,594	274,576	66

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY GEORGIA—Continued.

BY COUNTIES—Continued.

	COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
67	Lee	7	$16,445	$14,650	$3,975	$1,725	$8,950	$1,795	$678	47	$10,208
68	Liberty	20	104,662	86,457	39,362	11,420	35,675	18,205	3,826	462	94,526
69	Lincoln	6	18,885	17,935	3,035	6,400	8,500	950	587	13	2,822
70	Lowndes	22	231,200	181,565	41,265	18,525	121,775	49,635	7,406	301	101,917
71	Lumpkin	10	24,638	21,593	4,525	7,350	9,718	3,045	1,951	18	4,446
72	McDuffie	6	16,350	11,850	2,400	6,200	3,250	4,500	1,908	14	4,559
73	McIntosh	9	148,424	112,744	47,194	20,500	45,050	35,680	9,502	231	66,679
74	Macon	21	41,830	29,505	3,150	4,340	22,015	12,325	1,710	120	17,123
75	Madison	27	37,281	35,556	7,256	8,260	20,040	1,725	1,428	48	8,374
76	Meriwether	16	39,546	36,220	3,240	15,600	17,380	3,326	638	37	7,862
77	Milton	23	27,455	25,070	1,900	6,655	16,515	2,385	717	50	5,156
78	Mitchell	5	35,570	21,875	2,050	4,500	15,325	13,695	834	37	9,464
79	Monroe	15	147,948	101,174	5,345	30,950	64,879	46,774	4,815	134	29,017
80	Montgomery	27	314,266	250,442	146,912	5,180	98,350	63,824	10,688	820	175,374
81	Morgan	42	195,347	117,318	12,496	23,942	80,880	78,029	36,024	236	47,808
82	Murray	9	11,319	10,394	520	2,695	7,179	925	249	29	2,988
83	Muscogee	93	5,793,068	3,662,635	734,087	1,026,108	1,902,440	2,130,433	327,674	3,859	1,188,861
84	Newton	28	143,492	108,470	21,690	30,275	47,505	35,022	38,570	162	27,211
85	Oconee	13	20,395	16,955	1,565	3,990	11,400	3,440	370	37	6,287
86	Oglethorpe	32	218,511	107,845	20,105	21,750	65,990	110,666	12,276	184	39,641
87	Paulding	11	14,043	11,758	2,773	1,125	7,860	2,285	655	80	8,659
88	Pickens	31	54,750	27,162	4,280	6,000	16,882	27,588	7,405	111	28,742
89	Pierce	16	74,891	51,590	19,565	1,955	30,070	23,301	3,563	400	90,261
90	Pike	9	294,965	150,483	18,300	50,314	81,869	144,482	9,728	152	55,175
91	Polk	46	542,997	395,610	60,980	66,520	268,110	147,387	40,974	442	93,422
92	Pulaski	10	75,835	50,745	11,785	9,900	29,060	25,090	3,637	97	28,501
93	Putnam	29	46,836	42,815	6,735	14,500	21,580	4,021	2,105	68	12,630
94	Quitman	8	11,480	7,329	1,500	750	5,079	4,160	1,075	43	8,532
95	Rabun	4	2,479	2,285	525	575	1,185	194	81	7	850
96	Randolph	3	10,510	9,425	200	675	8,550	1,085	900	16	4,785
97	Richmond	458	7,983,613	5,407,891	596,870	1,804,688	3,006,333	2,575,722	534,542	6,485	2,103,008
98	Rockdale	30	110,338	63,894	9,502	17,120	37,182	46,444	4,282	228	78,216
99	Schley	4	4,450	4,150	550	1,925	1,675	300	250	7	1,410
100	Screven	5	71,970	47,260	10,510	11,950	24,800	24,710	2,467	47	15,590
161	Spalding	55	630,636	384,105	37,475	93,524	253,106	246,531	31,188	667	170,878
102	Stewart	9	15,210	14,850	4,900	3,600	6,350	360	1,042	21	4,889
103	Sumter	17	407,900	162,810	11,200	39,740	111,870	245,090	47,659	220	72,437
104	Talbot	12	19,065	14,513	2,820	4,113	7,580	4,552	965	27	6,113
105	Taliaferro	6	10,333	7,025	250	3,000	3,775	3,308	469	17	2,701
106	Tattnall	21	137,512	106,451	64,986	3,450	38,015	31,061	6,477	560	124,370
107	Taylor	9	74,103	52,738	15,423	10,965	26,350	21,365	5,351	53	9,837
108	Telfair	7	37,695	26,765	4,605	650	21,510	10,930	1,856	254	56,030
109	Terrell	15	55,444	37,285	3,035	9,375	24,875	18,159	3,307	173	44,972
110	Thomas	40	96,555	67,145	14,630	6,555	45,960	29,410	8,864	413	102,106
111	Towns	5	4,200	3,800	700	440	2,660	400	224	8	1,110
112	Troup	30	1,085,116	712,017	92,500	201,200	418,317	373,099	35,872	682	118,689
113	Twiggs	6	14,405	13,620	1,770	2,500	9,350	785	451	20	4,662
114	Union	7	8,609	8,550	2,000	3,075	3,475	50	117	10	2,228
115	Upson	16	176,938	122,020	14,045	27,425	80,550	54,918	3,472	134	23,442
116	Walker	28	141,762	116,438	24,500	26,283	65,655	25,324	2,527	127	22,371
117	Walton	67	537,490	255,286	18,105	108,038	129,143	282,204	57,010	352	76,811
118	Ware	16	114,512	86,155	42,035	3,560	40,560	28,357	5,252	561	129,475
119	Warren	8	11,459	10,650	1,725	4,000	4,925	809	452	20	2,750
120	Washington	22	77,180	54,745	3,900	7,835	43,010	22,441	5,384	101	32,596
121	Wayne	6	82,175	56,450	43,900	450	12,100	25,725	10,720	158	36,619
122	White	11	18,464	15,180	5,005	2,595	7,580	3,284	923	24	5,847
123	Whitfield	101	481,695	283,347	33,000	72,775	177,572	198,348	25,707	630	196,540
124	Wilcox	11	95,630	52,910	28,585	1,300	23,025	42,720	4,669	422	90,550
125	Wilkes	12	49,113	36,300	5,225	4,850	26,225	12,813	2,869	64	14,045
126	Wilkinson	20	38,011	30,910	7,475	6,100	17,335	7,101	1,728	75	12,424
127	Worth	25	497,462	411,172	226,437	14,935	169,800	86,290	10,233	560	134,302
128	All other counties (a)	7	11,255	9,250	1,100	2,500	5,650	2,005	1,281	14	3,449

a Includes establishments distributed as follows: Baker, 2; Banks, 1; Brooks, 2; Early, 1; Marion, 1.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

GEORGIA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2	$818			44	$9,340			1	$50							$20,924	$33,565	67
7	2,370			452	91,788					3	$368					57,382	202,789	68
3	1,050			9	1,700			1	72							15,709	20,475	69
18	13,340			270	72,632	1	$120	2	78	88	15,027	6	$720			123,454	305,272	70
4	1,518			14	2,928											19,345	28,992	71
3	1,824			11	2,735											24,509	31,975	72
4	3,324			223	61,780					4	975					89,732	184,100	73
15	5,926			102	11,117			3	80							32,916	63,192	74
13	3,810			35	4,564											38,265	53,104	75
12	3,970			25	3,892											15,143	25,588	76
5	1,144			41	3,812			4	200							29,994	43,362	77
1	624			36	8,840											43,243	63,500	78
16	5,611			93	19,158	10	1,997	14	1,651	1	600					135,943	173,089	79
15	10,686			752	160,013	1	100	2	175	49	4,365	1	35			138,616	409,078	80
22	14,465			200	32,883	1	20	3	240	1	200					99,972	213,305	81
5	1,232			23	1,732			1	24							5,608	11,014	82
175	165,957	19	$9,084	1,760	582,737	923	248,991	582	55,159	72	57,129	284	65,528	44	$4,276	3,083,770	5,346,952	83
14	5,487			114	16,921	18	2,565	16	2,238							76,582	168,238	84
8	2,880			28	3,177					1	230					13,118	23,418	85
21	6,291			163	33,350											170,985	254,172	86
8	2,037			41	5,522			1	100			10	500	20	500	17,303	34,640	87
15	6,323			77	19,960	7	1,184	9	1,000	3	275					35,856	91,433	88
8	2,857			884	86,154					8	1,250					40,994	195,243	89
10	8,130			103	41,315	12	2,754	27	2,976							182,477	287,363	90
86	21,600			398	70,947			8	875							228,284	409,089	01
9	5,090			75	20,771	3	1,020	4	900	6	720					73,417	121,211	92
11	4,504			56	7,866					1	200					36,718	67,423	93
2	675			41	7,857											17,072	31,282	94
2	450			3	350			2	50							4,561	6,277	95
1	416			13	4,225			2	144							5,460	12,400	96
444	327,804	156	58,110	3,381	1,174,673	1,340	309,178	543	65,040	295	105,819	266	56,712	60	5,672	5,504,269	9,379,974	97
16	7,304			192	59,572	4	1,000	4	340	12	10,000					99,676	305,283	98
				5	1,210			2	200							4,145	9,000	99
5	3,155			41	12,395			1	40							60,347	86,410	100
36	20,103			342	107,176	116	23,421	95	8,614	52	8,678	26	2,826			311,742	632,879	101
7	2,794			11	1,935	1	40	2	120							20,124	29,750	102
19	11,160			200	61,067	1	210									173,733	378,605	103
3	1,716			22	4,367			2	30							18,753	27,062	104
3	825			12	1,780			2	96							6,288	12,657	105
3	1,200			521	110,670					36	12,500					64,226	273,331	106
7	2,535			25	5,690	10	1,040	11	572							65,550	88,253	107
				250	54,630	1	200			3	1,200					29,754	107,870	108
14	6,927			145	36,050			11	1,575	3	420					113,846	179,813	109
27	12,598			376	88,882			2	126	8	500					124,466	297,454	110
5	820			3	290											5,590	7,975	111
35	20,586			322	66,057	121	17,986	203	14,010	1	50					543,369	903,814	112
1	312			19	4,350											14,105	27,025	113
4	1,212			6	1,016											17,557	22,231	114
8	3,154			55	11,738	25	3,000	26	2,050					20	3,500	88,175	133,467	115
17	5,712			107	16,155	2	104			1	400					37,794	77,814	116
43	20,789			200	37,200	54	11,016	55	7,826							380,371	643,439	117
3	1,700			555	126,660					3	1,115					75,672	266,350	118
3	1,000			17	1,750											11,050	15,411	119
12	5,200			88	27,196	1	200									154,100	229,972	120
3	1,712			105	22,907					50	12,000					27,393	105,436	121
14	3,517			8	1,930					2	400					19,200	28,713	122
44	30,181	2	738	464	142,801	49	11,470	39	4,450	5	825	27	6,075			621,399	1,047,151	123
9	2,700			410	87,490			3	360							52,190	194,340	124
1	340			63	13,705											44,729	73,460	125
8	2,825			60	7,599					7	2,000					26,717	49,655	126
10	4,880	1	100	546	128,422					3	900					111,383	366,612	127
3	1,450			10	1,975	1	24									19,635	27,825	128

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

IDAHO.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	140	$1,048,916	$616,560	$80,560	$146,108	$389,892	$432,356	$69,586	774	$324,202
2	Blacksmithing and wheelwrighting	17	33,781	18,820	7,610	6,800	4,410	14,961	1,271	39	19,978
3	Brick and tile	5	11,405	3,850	700	1,600	1,550	7,555	1,102	38	4,710
4	Cheese, butter, and condensed milk, factory product.	4	25,175	12,675	4,450	6,875	1,350	12,500	1,314	16	2,800
5	Flouring and grist mill products	13	228,405	170,910	15,410	55,668	99,832	57,495	8,270	63	31,333
6	Liquors, malt	5	16,030	12,450	2,400	6,250	3,800	3,580	3,294	15	4,434
7	Lumber and other mill products from logs or bolts. (See also Lumber, planing mill products, including sash, doors, and blinds.)	41	419,880	241,775	29,810	32,515	179,450	178,105	17,858	372	125,220
8	Mineral and soda waters	3	6,285	4,270	20	150	4,100	2,015	240	4	1,236
9	Printing and publishing, newspapers and periodicals.	29	144,990	85,010	7,510	15,950	61,550	59,980	21,011	117	80,027
10	Saddlery and harness	5	26,755	11,950	4,500	6,200	1,250	14,805	746	11	8,117
11	Timber product, not manufactured at mill.	3	42,250	16,050	.....	.....	16,050	26,200	8,720	34	20,350
12	Tinsmithing, coppersmithing, and sheet-iron working.	4	23,885	13,075	2,100	6,000	4,075	10,810	671	27	15,392
13	All other industries (a)	11	70,075	25,725	6,050	7,200	12,475	44,350	5,089	38	10,605

a Embraces boots and shoes, custom work and repairing, 2; clothing, men's, custom work and repairing, 1; furniture, cabinetmaking, repairing and upholstering, 1; lime and cement, 2; lumber, planing mill products, including sash, doors, and blinds, 1; millinery, custom work, 1; photography, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

BY COUNTIES.

[No manufactures reported from Elmore county.]

1	The State	140	1,048,916	616,560	80,560	146,108	389,892	432,356	69,586	774	324,202
2	Ada	16	131,029	76,370	10,910	20,275	45,185	54,659	6,902	71	33,373
3	Alturas	8	86,175	49,000	14,150	11,150	23,700	37,175	5,577	51	25,020
4	Bear Lake	9	41,281	23,525	4,700	9,075	9,750	17,756	2,777	40	11,580
5	Bingham	12	69,204	57,060	2,000	18,018	37,042	12,144	5,612	75	26,758
6	Boise	5	23,540	17,700	700	4,200	12,800	5,840	1,497	14	5,537
7	Custer	6	17,590	10,800	900	4,350	5,550	6,790	1,664	19	6,189
8	Idaho	3	10,892	6,750	2,125	1,725	2,900	4,142	623	6	5,842
9	Kootenai	9	168,125	90,200	8,000	13,500	68,700	77,925	15,250	142	68,067
10	Latah	17	198,575	100,165	19,250	24,740	56,175	98,410	13,061	133	52,418
11	Logan	17	42,285	27,205	1,365	7,950	17,890	15,080	4,429	43	20,224
12	Nez Perces	4	20,740	11,800	3,000	2,100	6,700	8,940	2,147	20	6,152
13	Oneida	11	73,315	55,800	9,200	12,125	34,475	17,515	2,476	50	14,741
14	Shoshone	8	76,300	40,400	1,600	9,800	29,000	35,900	3,560	61	30,836
15	Washington	11	65,795	33,585	2,260	4,200	27,125	32,210	2,625	37	13,018
16	All other counties (a)	4	24,070	16,200	400	2,900	12,900	7,870	1,377	12	4,447

a Includes establishments distributed as follows: Cassia, 1; Lemhi, 2; Owyhee, 1.

ILLINOIS.

BY SPECIFIED INDUSTRIES.

1	All industries	20,482	502,004,512	236,825,020	61,986,313	68,751,214	106,084,493	265,179,492	79,515,193	312,198	171,523,579
2	Agricultural implements	100	48,639,383	8,136,535	1,879,848	3,408,373	2,848,314	40,502,848	8,592,439	10,417	5,457,716
3	Artificial feathers and flowers. (See also Millinery and lace goods.)	6	60,950	5,950	.....	.....	5,950	55,000	5,031	86	40,174
4	Artificial limbs. (See also Surgical appliances.)	5	4,326	1,500	.....	.....	1,500	2,826	2,424	11	12,276
5	Awnings, tents, and sails	24	258,163	19,905	.....	.....	19,905	238,258	27,401	312	170,696
6	Axle greases	6	200,849	104,949	47,000	34,000	23,949	95,900	18,401	72	53,353
7	Babbitt metal and solder	3	23,690	7,300	.....	.....	7,300	16,390	2,996	15	9,578
8	Bags, other than paper	4	280,493	45,318	.....	.....	45,318	235,175	15,395	130	58,842
9	Baking and yeast powders	16	1,017,500	174,800	61,700	23,300	89,800	842,700	362,558	490	271,589
10	Baskets and rattan and willow ware	9	44,295	12,935	6,900	4,900	1,135	31,360	4,977	96	52,052
11	Belting and hose, leather	3	371,100	58,000	.....	.....	58,000	313,100	16,045	111	73,667

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

IDAHO.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
105	$67,255	2	$1,040	614	$246,292	21	$3,835	17	$1,810	15	$3,970	.....	.....	.....	.....	$638,673	$1,396,096	1
20	12,181	.....	.....	19	7,797	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,340	46,897	2
3	510	.....	.....	35	4,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,690	9,800	3
3	775	.....	.....	6	1,220	7	805	.....	.....	.....	.....	.....	.....	.....	.....	11,461	17,805	4
11	7,490	.....	.....	50	23,123	.....	.....	.....	.....	2	720	.....	.....	.....	.....	262,811	376,946	5
6	2,080	.....	.....	8	2,294	.....	.....	1	60	.....	.....	.....	.....	.....	.....	5,265	17,580	6
12	7,575	.....	.....	345	114,895	2	500	2	200	11	2,050	.....	.....	.....	.....	187,097	429,990	7
2	936	.....	.....	1	150	.....	.....	1	150	.....	.....	.....	.....	.....	.....	1,202	5,550	8
30	23,124	1	416	68	52,157	6	1,830	10	1,300	2	1,200	.....	.....	.....	.....	28,237	160,783	9
8	5,527	.....	.....	3	2,590	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26,860	41,400	10
1	1,800	.....	.....	33	18,550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57,925	201,800	11
4	3,172	.....	.....	23	12,220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,091	45,984	12
5	2,085	1	624	23	7,096	6	700	3	100	.....	.....	.....	.....	.....	.....	21,694	41,561	13

BY COUNTIES.

[No manufactures reported from Elmore county.]

105	67,255	2	1,040	614	246,292	21	3,835	17	1,810	15	3,970	.....	.....	.....	.....	638,673	1,396,096	1
15	11,285	1	416	55	21,672	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76,585	146,240	2
5	3,239	.....	.....	41	21,081	1	200	4	500	.....	.....	.....	.....	.....	.....	18,703	62,095	3
10	4,475	.....	.....	13	4,580	8	1,055	1	100	8	1,370	.....	.....	.....	.....	21,198	41,874	4
7	4,263	.....	.....	63	21,045	1	150	2	100	2	1,200	.....	.....	.....	.....	88,592	143,456	5
2	1,248	.....	.....	12	4,289	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,821	19,600	6
7	2,459	.....	.....	12	3,730	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,010	21,646	7
4	3,404	.....	.....	2	2,438	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,936	9,276	8
5	4,132	.....	.....	137	63,935	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	128,655	355,538	9
16	11,736	.....	.....	110	39,132	3	750	.....	.....	4	800	.....	.....	.....	.....	136,393	256,630	10
16	8,483	1	624	23	9,987	2	980	1	150	.....	.....	.....	.....	.....	.....	17,317	52,526	11
2	867	.....	.....	18	5,285	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,785	28,140	12
5	3,116	.....	.....	36	10,725	5	200	3	100	1	600	.....	.....	.....	.....	46,988	80,740	13
4	3,600	.....	.....	55	27,036	.....	.....	2	200	.....	.....	.....	.....	.....	.....	37,951	104,840	14
6	4,448	.....	.....	27	7,710	1	500	3	360	.....	.....	.....	.....	.....	.....	27,698	60,585	15
1	500	.....	.....	10	3,647	.....	.....	1	300	.....	.....	.....	.....	.....	.....	5,041	12,910	16

ILLINOIS.

BY SPECIFIED INDUSTRIES.

28878	27,086,400	3,102	1,563,914	213795	116,890,314	23,689	6,928,495	4,973	720,182	28087	15,706,156	9,221	$2,563,656	453	$64,462	529,019,089	908,640,280	1
860	822,193	55	26,952	7,406	3,680,556	24	7,016	45	6,045	1,827	858,954	200	56,000	.....	.....	10,102,508	24,609,660	2
8	9,850	.....	.....	12	6,368	27	8,180	.....	.....	30	12,500	9	3,276	.....	.....	102,290	179,250	3
6	6,680	.....	.....	5	5,598	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,450	26,900	4
36	32,372	.....	.....	137	87,684	96	31,514	2	286	10	7,800	31	11,040	.....	.....	430,409	757,186	5
28	32,078	.....	.....	36	19,295	4	1,180	4	800	.....	.....	.....	.....	.....	.....	175,238	362,500	6
4	4,040	1	546	10	4,992	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43,174	69,680	7
13	14,540	2	1,040	34	19,858	81	23,406	.....	.....	.....	.....	.....	.....	.....	.....	671,990	825,006	8
94	120,556	10	3,870	180	90,454	165	45,009	.....	.....	31	9,100	10	2,600	.....	.....	1,723,423	2,795,640	9
10	8,232	1	260	71	37,840	2	520	.....	.....	10	4,940	.....	.....	2	260	42,685	120,900	10
22	22,826	1	720	88	50,121	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	365,340	540,500	11

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
12	Bicycles and tricycles	5	$565,612	$234,750	----	$100,000	$134,750	$330,862	$85,650	697	$392,507
13	Billiard tables and materials	5	747,140	211,515	$60,000	40,000	111,515	535,625	56,736	559	368,660
14	Blacking. (See also Cleansing and polishing preparations.)	7	23,925	9,400	2,500	1,500	5,400	14,525	2,187	53	20,648
15	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	1,757	2,498,498	1,618,391	885,768	577,777	354,846	880,107	193,098	3,361	1,955,329
16	Bluing	3	26,305	5,125	----	----	5,125	21,180	3,026	27	15,510
17	Bookbinding and blank-book making. (See also Printing and publishing.)	56	902,418	415,377	6,150	25,800	383,427	487,041	101,062	1,115	594,127
18	Boot and shoe cut stock	7	113,450	28,100	2,000	1,000	25,100	85,350	10,834	115	57,860
19	Boot and shoe uppers	9	62,730	5,585	600	400	4,585	57,145	7,648	64	37,968
20	Boots and shoes, custom work and repairing.	1,228	1,030,105	666,092	271,890	266,670	127,532	364,013	189,304	2,044	1,010,527
21	Boots and shoes, factory product	56	3,781,476	1,083,966	199,650	248,500	635,816	2,697,510	388,001	4,152	2,047,331
22	Bottling. (See also Liquors, malt; Mineral and soda waters.)	25	150,010	85,745	22,280	21,800	41,665	64,265	14,624	126	64,976
23	Boxes, cigar	11	158,240	61,625	16,500	14,000	31,125	96,615	14,526	262	112,376
24	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	23	544,519	281,800	128,800	46,000	107,000	262,719	49,362	1,103	367,018
25	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	30	1,393,350	738,318	170,460	274,690	293,168	655,032	91,409	1,396	729,894
26	Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	29	625,221	278,692	19,100	25,604	233,988	346,529	52,235	651	418,163
27	Brassware	8	23,625	10,300	----	----	10,300	13,325	3,994	63	31,358
28	Bread and other bakery products	536	3,332,200	2,243,248	855,000	748,756	639,492	1,088,952	445,392	3,567	2,004,261
29	Brick and tile. (See also Clay and pottery products.)	604	8,995,599	6,155,722	2,149,830	1,885,629	2,120,263	2,839,877	575,457	9,697	3,216,826
30	Bridges	10	1,357,500	715,500	127,000	130,000	458,500	642,000	96,387	897	627,510
31	Brooms and brushes	103	554,545	110,535	29,765	44,825	35,945	444,010	35,286	740	333,002
32	Buttons	4	42,725	25,650	----	----	25,650	17,075	2,826	57	21,568
33	Carpentering	1,076	5,773,835	1,377,244	564,992	381,035	431,217	4,396,591	629,150	10,428	6,964,174
34	Carpets, rag	41	38,032	26,010	12,400	9,450	5,060	11,122	3,877	99	38,266
35	Carriage and wagon materials	22	130,308	62,740	18,100	24,075	20,565	67,568	6,569	179	83,697
36	Carriages and sleds, children's	6	315,229	127,443	41,000	42,106	44,337	187,786	15,440	464	208,650
37	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	559	9,078,310	3,537,309	1,406,015	1,442,846	688,418	5,541,001	561,244	5,560	3,187,879
38	Cars and general shop construction and repairs by steam railroad companies.	70	7,791,234	5,794,816	2,225,290	1,888,404	1,681,122	1,996,418	5,629	10,541	6,054,161
39	Cars and general shop construction and repairs by street railroad companies.	3	1,109,500	949,250	422,000	453,000	74,250	160,250	23,060	365	251,604
40	Cars, steam railroad, not including operations of railroad companies.	9	10,070,784	4,794,181	340,072	2,080,240	2,373,869	5,276,603	217,384	7,055	4,363,119
41	Cheese and butter, urban dairy product	4	4,906	3,306	----	----	3,306	1,600	1,796	10	4,636
42	Cheese, butter, and condensed milk, factory product.	262	2,180,685	1,664,395	146,705	774,077	743,613	516,290	106,850	1,540	698,014
43	Chemicals. (See also Fertilizers; High explosives; Paints; Varnish.)	34	1,829,029	952,011	374,366	270,653	306,992	877,018	113,391	489	297,461
44	Clay and pottery products. (See also Brick and tile.)	40	1,675,108	907,377	154,140	353,537	399,700	767,731	143,204	1,512	753,934
45	Cleansing and polishing preparations. (See also Blacking.)	8	67,497	17,360	1,600	5,150	10,610	50,137	6,150	67	32,215
46	Clothing, men's, custom work and repairing.	1,097	4,642,506	1,016,742	424,900	405,875	185,967	3,625,764	806,876	8,379	4,959,894
47	Clothing, men's, factory product	199	13,275,575	552,459	159,500	146,314	246,645	12,723,116	2,752,621	16,612	6,533,965
48	Clothing, men's, factory product, buttonholes.	3	560	560	----	----	560	----	289	14	5,232
49	Clothing, women's, dressmaking	1,051	1,062,634	550,078	245,400	208,180	96,518	512,556	200,942	3,790	1,330,968
50	Clothing, women's, factory product	71	2,793,112	315,707	105,500	103,500	106,707	2,477,405	800,030	2,673	1,181,478
51	Coffee and spice, roasting and grinding.	18	1,920,933	335,100	34,000	152,000	149,100	1,585,833	190,265	510	307,373
52	Coffins and burial cases, trimming and finishing.	88	396,720	225,353	96,735	99,830	28,788	171,367	25,616	173	106,163
53	Coffins, burial cases, and undertakers' goods.	12	1,100,550	423,400	105,000	204,000	114,400	677,150	84,672	520	290,053
54	Confectionery	88	1,696,413	781,676	314,975	189,190	277,511	914,737	239,255	1,812	760,738
55	Cooperage	179	1,993,667	1,064,025	446,334	377,565	240,126	929,642	152,455	2,582	1,242,430
56	Cordage and twine	6	547,161	424,463	34,947	118,629	270,887	122,638	30,208	546	156,590
57	Cork, cutting	5	107,850	21,850	----	----	21,850	86,000	12,447	95	49,896
58	Corsets	9	98,650	32,935	----	----	32,935	65,715	7,451	229	85,082
59	Cotton goods. (See also Hosiery and knit goods.)	4	766,405	613,483	76,500	225,486	311,497	152,922	18,986	454	150,380
60	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	7	221,703	124,024	25,400	25,600	73,024	97,679	6,431	228	95,846
61	Dentistry, mechanical	356	405,212	218,740	20,750	17,800	180,190	186,472	159,125	648	584,206

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
42	$49,029	2	$1,000	602	$325,688	.....	.....	31	$6,390	20	$10,400	.....	.....	.....	.....	$272,904	$970,000	12
50	58,502	1	320	505	309,240	2	$365	1	233	.....	.....	.....	.....	.....	.....	673,915	1,296,000	13
20	18,124	3	1,300	17	6,824	9	2,800	4	600	.....	.....	.....	.....	.....	.....	38,737	84,410	14
1,653	1,000,670	2	1,332	1,644	932,038	2	377	14	1,896	46	19,016	.....	.....	.....	.....	957,803	3,921,434	15
6	6,610	3	1,200	13	6,200	5	1,500	.....	.....	.....	.....	.....	.....	.....	.....	44,284	87,770	16
103	116,032	12	6,109	633	363,247	322	101,411	37	5,786	1	520	7	$1,022	.....	.....	606,033	1,650,339	17
12	11,015	.....	.....	87	44,174	16	2,671	.....	.....	.....	.....	.....	.....	.....	.....	579,805	745,224	18
18	13,901	.....	.....	25	13,858	7	1,896	.....	.....	14	8,313	.....	.....	.....	.....	132,245	195,883	19
1,051	537,472	6	3,220	758	361,191	9	3,344	3	311	217	104,989	.....	.....	.....	.....	614,651	2,141,895	20
139	142,017	21	8,316	2,230	1,271,850	1,097	352,811	17	2,609	448	212,373	185	53,755	15	$3,600	4,931,986	8,756,824	21
27	24,764	2	1,160	89	37,702	7	1,150	1	200	.....	.....	.....	.....	.....	.....	183,086	339,853	22
20	20,648	.....	.....	77	40,274	51	15,762	9	1,196	27	12,300	76	21,596	2	600	153,686	341,287	23
42	43,385	7	3,720	256	107,425	282	65,508	36	5,040	15	4,244	444	134,126	21	3,570	451,030	1,019,653	24
63	66,547	1	200	1,145	605,012	19	3,936	104	21,840	59	31,359	5	1,000	.....	.....	1,660,216	2,962,693	25
76	88,177	4	1,930	535	312,022	19	6,396	7	1,066	10	8,572	.....	.....	.....	.....	731,821	1,474,123	26
14	9,430	1	300	46	21,108	.....	.....	.....	.....	2	520	.....	.....	.....	.....	32,707	78,652	27
637	516,419	125	48,198	2,238	1,278,346	446	124,090	81	19,223	.....	.....	40	17,985	.....	.....	4,916,491	8,832,725	28
540	329,996	4	1,450	7,873	2,503,839	16	2,181	333	36,550	888	335,543	.....	.....	43	7,267	1,069,369	6,399,492	29
41	58,780	1	300	855	568,430	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,880,175	2,836,037	30
125	79,761	1	600	228	102,441	109	29,307	12	2,079	186	101,090	33	9,340	46	8,384	465,635	946,225	31
9	9,805	.....	.....	7	4,369	39	6,994	2	400	.....	.....	.....	.....	.....	.....	6,150	46,860	32
1,142	997,749	16	9,912	9,071	5,790,338	7	1,574	17	2,226	175	162,375	.....	.....	.....	.....	10,104,337	20,392,422	33
31	14,566	8	2,999	10	4,277	4	1,225	5	410	30	11,975	5	1,579	6	1,235	26,432	80,387	34
33	21,836	.....	.....	116	45,070	.....	.....	.....	.....	30	16,791	.....	.....	.....	.....	97,335	232,261	35
18	15,050	5	2,250	355	163,100	25	8,050	1	200	60	20,000	.....	.....	.....	.....	301,900	600,100	36
634	539,505	14	6,470	4,300	2,324,114	46	16,243	33	4,195	522	294,952	11	2,400	.....	.....	3,721,807	9,041,725	37
262	198,020	2	660	10,252	5,837,783	13	3,906	3	820	9	12,972	.....	.....	.....	.....	5,909,493	12,208,617	38
2	4,500	.....	.....	363	247,104	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	238,511	594,854	39
172	127,340	4	1,372	4,553	2,762,749	.....	.....	30	6,240	2,216	1,443,343	80	22,075	.....	.....	10,093,125	17,117,223	40
1	520	.....	.....	9	4,116	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,062	38,615	41
192	128,404	4	1,392	1,078	484,561	77	19,582	27	5,194	89	38,336	73	20,545	.....	.....	6,582,144	8,004,991	42
103	104,561	3	1,884	283	167,645	88	19,646	4	936	.....	.....	8	2,789	.....	.....	836,991	1,582,125	43
67	64,221	2	916	1,275	623,545	35	5,720	43	5,853	90	53,679	.....	.....	.....	.....	426,134	1,556,590	44
17	16,195	.....	.....	33	12,820	15	3,025	2	175	.....	.....	.....	.....	.....	.....	56,485	130,645	45
1,290	1,117,940	29	10,695	2,731	1,656,154	616	190,004	27	4,390	2,974	1,845,895	709	134,492	3	324	5,358,314	13,556,581	46
583	629,852	25	11,714	10,945	4,236,499	2,064	556,358	21	3,220	1,367	695,356	1,554	391,854	53	9,312	18,199,308	33,626,441	47
3	1,540	.....	.....	7	2,860	4	832	.....	.....	.....	.....	.....	.....	.....	.....	737	8,220	48
41	31,761	1,020	500,440	68	43,825	2,455	674,071	14	2,011	10	3,248	182	75,552	.....	.....	2,224,364	4,393,026	49
124	139,383	36	28,422	529	324,338	1,539	511,232	2	304	157	83,968	286	93,831	.....	.....	3,257,712	6,422,431	50
150	144,657	2	980	265	140,019	32	7,459	8	1,726	20	5,200	33	7,332	.....	.....	8,320,128	9,367,983	51
91	65,087	3	1,420	78	39,576	.....	.....	.....	.....	1	80	.....	.....	.....	.....	239,758	475,606	52
49	56,806	2	1,500	311	170,313	80	26,261	23	4,584	54	30,329	1	260	.....	.....	334,014	942,102	53
204	190,406	42	16,123	793	375,879	700	162,542	32	4,985	2	1,380	39	9,423	.....	.....	2,729,536	4,438,821	54
142	110,773	2	2,780	1,288	601,136	.....	.....	47	8,090	1,099	517,551	4	2,100	.....	.....	2,753,516	4,708,908	55
7	8,004	1	700	212	71,196	181	40,797	20	884	40	16,380	85	18,629	.....	.....	1,373,081	1,854,185	56
12	17,108	.....	.....	43	23,174	38	9,302	2	312	.....	.....	.....	.....	.....	.....	117,363	205,400	57
6	8,350	29	15,738	6	3,520	186	57,116	1	208	.....	.....	.....	.....	1	150	90,635	254,687	58
23	25,800	1	600	112	45,837	280	73,453	38	4,696	.....	.....	.....	.....	.....	.....	337,773	563,988	59
13	11,229	.....	.....	166	73,152	12	2,496	31	5,044	6	3,925	.....	.....	.....	.....	75,418	216,644	60
355	431,423	10	4,492	161	106,654	100	32,230	15	3,997	6	5,260	1	150	.....	.....	184,321	1,402,702	61

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYES AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
62	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	75	$339,218	$120,108	$61,000	$47,100	$12,008	$219,110	$29,056	154	$84,931
63	Dyeing and cleaning	55	188,583	128,390	47,100	46,100	35,190	60,193	33,132	265	126,879
64	Dyeing and finishing textiles	3	26,500	20,500	3,500	6,000	11,000	6,000	1,426	21	10,424
65	Electrical apparatus and supplies	11	395,834	109,734	700	800	108,234	286,100	36,544	300	186,146
66	Electroplating	19	507,015	147,775	54,000	26,000	67,775	359,240	31,643	252	134,169
67	Engravers' materials	3	32,200	9,700	.....	.....	9,700	22,500	2,628	30	18,888
68	Engraving and diesinking	24	107,991	51,725	250	250	51,225	56,266	21,950	239	178,087
69	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	6	20,298	9,600	.....	.....	9,600	10,698	4,819	63	46,123
70	Engraving, wood	19	38,503	21,873	.....	.....	21,873	16,630	16,289	171	142,142
71	Fancy articles, not elsewhere specified	20	43,785	4,210	.....	240	3,970	39,575	7,358	83	34,977
72	Fertilizers. (See also Chemicals.)	4	914,844	251,749	55,867	102,582	93,300	663,095	53,226	278	200,574
73	Fire extinguishers, chemical	3	81,400	5,300	.....	.....	5,300	76,100	2,218	15	11,114
74	Flavoring extracts	9	102,425	15,175	.....	2,500	12,675	87,250	13,407	64	28,645
75	Flouring and grist mill products	647	13,101,860	8,850,629	1,523,662	2,608,044	4,718,923	4,251,241	905,299	4,385	2,048,716
76	Food preparations. (See also Fruits and vegetables, canning and preserving.)	24	598,553	288,050	27,000	93,000	168,050	310,503	120,154	451	209,315
77	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	408	29,726,767	13,978,649	3,573,057	3,709,179	6,695,513	15,748,118	2,220,217	18,538	10,919,656
78	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	23	638,871	211,876	20,075	80,931	110,870	426,995	60,005	2,206	150,464
79	Fur goods. (See also Hats and caps, not including wool hats.)	32	667,655	115,955	50,000	50,000	15,955	551,700	81,258	453	293,138
80	Furnishing goods, men's. (See also Shirts.)	25	863,734	70,210	18,500	17,500	34,210	793,524	110,041	995	425,240
81	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	187	1,042,715	490,746	201,375	210,800	78,571	551,969	88,496	950	511,099
82	Furniture, chairs	13	723,394	268,108	74,400	98,600	95,108	455,286	80,151	725	353,121
83	Furniture, factory product	169	8,810,006	3,247,414	1,032,692	1,264,218	950,504	5,562,592	588,895	8,979	5,061,467
84	Galvanizing	3	173,500	46,000	8,000	6,000	32,000	127,500	5,952	54	25,065
85	Gas and lamp fixtures. (See also Lamps and reflectors.)	5	605,902	38,699	.....	.....	38,699	567,203	28,570	198	130,736
86	Gas, illuminating and heating	36	43,542,852	41,743,300	12,188,400	8,188,600	21,366,300	1,799,552	1,313,365	1,463	960,385
87	Gas machines and meters	5	34,050	4,500	.....	.....	4,500	29,550	3,625	31	23,753
88	Glass	13	1,721,878	1,025,171	213,900	637,334	173,937	696,707	134,625	2,793	1,232,761
89	Glass, cutting, staining, and ornamenting.	23	351,658	94,250	13,300	40,700	40,250	257,408	29,134	600	361,424
90	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	14	339,605	72,950	16,600	39,300	17,050	266,655	24,259	296	110,712
91	Glucose	4	3,179,714	2,435,000	585,000	950,000	900,000	744,714	334,729	907	570,958
92	Gold and silver, leaf and foil	4	25,450	13,100	3,600	2,900	6,600	12,350	1,282	90	40,246
93	Grease and tallow. (See also Axle grease; Soap and candles.)	19	505,912	401,130	168,600	133,530	99,000	104,782	24,484	212	133,952
94	Hairwork	41	125,402	9,285	3,000	1,500	4,785	116,117	36,703	253	121,872
95	Hand stamps	13	39,757	13,600	.....	.....	13,600	26,157	8,269	62	43,135
96	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	38	2,443,225	1,342,772	366,003	260,621	716,148	1,100,453	808,753	1,918	1,057,946
97	Hardware, saddlery	6	56,228	19,100	.....	.....	19,100	37,128	3,628	66	32,631
98	Hats and caps, not including wool hats. (See also Fur goods.)	20	118,872	37,125	4,500	4,000	28,625	81,747	17,908	210	119,998
99	Hay and straw, baling	5	19,200	15,400	4,350	6,550	4,500	3,800	1,343	35	10,120
100	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	35	1,254,576	502,133	26,730	78,200	397,203	752,443	68,123	1,878	545,109
101	House furnishing goods, not elsewhere specified.	8	217,100	48,050	7,150	4,500	36,400	169,050	13,203	90	41,626
102	Ice, artificial	8	329,905	249,214	36,500	50,548	162,166	80,691	10,999	161	87,438
103	Ink, writing	3	71,100	20,450	700	1,300	18,450	50,650	3,951	63	22,875
104	Instruments, professional and scientific	8	59,205	12,350	.....	.....	12,350	46,855	6,562	65	43,148
105	Iron and steel	20	32,471,977	17,023,820	2,222,895	4,063,309	10,737,616	15,448,157	686,958	7,734	4,916,199
106	Iron and steel, forgings	8	786,659	258,600	22,000	22,000	214,600	528,059	31,012	289	208,429

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
64	$46,842	2	$610	82	$36,121	3	$500	3	$858	.....	.....	.....	.....	.....	.....	$119,340	$318,571	62
59	42,793	10	3,805	125	62,320	66	15,757	2	356	1	$600	2	$1,248	.....	.....	145,498	358,695	63
4	2,032	1	500	13	6,956	3	936	.....	.....	.....	.....	.....	.....	.....	.....	6,846	26,741	64
35	39,020	5	3,120	214	122,520	18	5,611	8	275	20	15,000	.....	.....	.....	.....	184,625	486,730	65
23	21,263	2	1,200	197	99,965	21	7,581	4	536	5	3,624	.....	.....	.....	.....	94,393	339,576	66
6	5,248	.....	.....	24	13,640	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,157	49,500	67
33	38,620	4	2,008	172	116,667	6	1,280	3	512	21	19,000	.....	.....	.....	.....	51,843	310,625	68
10	14,204	1	300	35	25,950	15	5,305	2	304	.....	.....	.....	.....	.....	.....	8,960	75,120	69
32	40,409	2	535	132	98,584	1	300	1	150	3	2,164	.....	.....	.....	.....	15,327	221,282	70
5	4,430	23	10,555	6	3,424	21	7,720	1	52	.....	.....	27	8,796	.....	.....	44,314	119,786	71
30	57,979	.....	.....	248	142,595	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	297,685	924,758	72
4	6,175	1	600	9	4,024	1	315	.....	.....	.....	.....	.....	.....	.....	.....	16,510	47,100	73
14	8,960	.....	.....	34	14,810	16	4,875	.....	.....	.....	.....	.....	.....	.....	.....	141,562	229,790	74
818	559,362	17	8,400	3,344	1,420,681	24	6,610	18	2,080	162	50,683	2	900	.....	.....	31,733,747	37,974,885	75
68	70,259	18	3,792	222	104,075	101	20,751	7	1,398	15	5,260	20	3,780	.....	.....	1,045,636	1,795,246	76
1,280	1,440,187	58	33,953	14,833	8,093,184	45	11,010	187	37,664	2,130	1,302,458	.....	.....	5	$1,200	17,313,882	38,898,114	77
23	14,237	1	260	590	63,748	507	29,907	358	12,000	235	17,033	376	11,065	116	2,214	768,556	1,106,181	78
67	86,083	20	13,000	117	92,791	237	95,928	.....	.....	2	1,124	10	4,212	.....	.....	589,068	1,157,180	79
61	71,460	5	3,004	76	63,100	700	233,498	9	1,555	19	9,018	125	43,605	.....	.....	1,140,252	1,998,177	80
194	138,721	13	6,340	649	331,866	41	11,696	6	972	18	8,604	29	12,900	.....	.....	817,256	1,638,456	81
50	46,533	1	600	532	273,911	45	5,817	25	3,900	72	22,360	.....	.....	.....	.....	271,821	880,770	82
452	525,629	23	11,791	6,743	3,635,817	118	44,562	98	14,739	1,419	787,519	106	38,410	20	3,000	5,965,615	14,406,835	83
7	4,965	.....	.....	47	20,100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	353,592	421,000	84
23	28,196	.....	.....	164	99,972	6	1,580	5	988	.....	.....	.....	.....	.....	.....	138,561	352,650	85
135	177,004	5	2,340	1,323	781,041	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	829,995	5,204,206	86
7	6,396	.....	.....	24	17,357	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,733	54,898	87
31	44,710	.....	.....	1,547	628,981	20	3,860	524	62,235	668	492,545	.....	.....	3	430	682,248	2,372,011	88
44	52,472	4	1,800	520	297,228	12	4,174	19	4,950	1	800	.....	.....	.....	.....	280,790	817,666	89
13	11,300	2	676	76	40,534	91	32,229	.....	.....	26	8,928	88	17,045	.....	.....	304,900	512,171	90
29	66,960	.....	.....	876	503,398	2	600	.....	.....	.....	.....	.....	.....	.....	.....	2,735,483	4,370,322	91
4	4,442	2	800	12	11,272	22	6,332	.....	.....	20	14,560	30	8,840	.....	.....	71,557	135,312	92
26	25,702	.....	.....	170	103,066	.....	.....	16	5,184	.....	.....	.....	.....	.....	.....	531,606	901,987	93
31	32,757	23	11,283	15	10,308	122	43,302	2	250	13	7,072	47	16,900	.....	.....	93,931	316,317	94
16	15,910	42	26,416	3	734	.....	.....	1	75	.....	.....	.....	.....	.....	.....	25,808	95,995	95
139	155,728	9	4,697	1,451	763,255	60	29,559	22	2,877	237	110,830	.....	.....	.....	.....	1,212,568	3,099,103	96
6	4,480	.....	.....	53	27,420	1	123	6	608	.....	.....	.....	.....	.....	.....	19,018	65,263	97
28	29,452	1	350	41	29,000	53	17,292	1	208	22	14,092	64	29,604	.....	.....	115,316	335,925	98
.....	.....	.....	.....	35	10,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41,510	61,200	99
70	75,861	4	2,440	279	120,397	918	238,243	45	7,450	.....	.....	561	100,694	1	24	980,780	1,990,035	100
7	6,040	.....	.....	42	18,130	18	6,456	.....	.....	21	10,600	.....	.....	2	400	370,990	500,034	101
28	19,986	.....	.....	133	67,452	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,539	171,576	102
9	7,978	.....	.....	18	6,957	36	7,940	.....	.....	.....	.....	.....	.....	.....	.....	50,375	114,200	103
18	19,740	.....	.....	42	22,368	5	1,040	.....	.....	.....	.....	.....	.....	.....	.....	22,864	110,250	104
150	231,188	1	720	7,543	4,678,345	.....	.....	40	5,946	.....	.....	.....	.....	.....	.....	28,995,745	37,173,405	105
21	35,996	1	468	207	121,775	.....	.....	.....	.....	60	50,200	.....	.....	.....	.....	386,893	728,905	106

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
107	Iron and steel, nails and spikes, cut and wrought, including wire nails.	10	$1,062,604	$528,000	$92,000	$133,000	$303,000	$534,604	$40,061	665	$278,690
108	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	100	3,353,646	1,572,415	677,800	384,610	510,005	1,781,231	278,753	2,627	1,774,800
109	Jewelry. (See also Watch, clock, and jewelry repairing.)	25	297,615	71,700	8,600	5,800	57,300	225,915	50,973	371	298,113
110	Labels and tags	7	31,535	20,300	250	750	19,300	11,235	2,694	59	17,036
111	Lamps and reflectors. (See also Gas and lamp fixtures.)	9	87,850	39,450	3,300	10,000	26,150	48,400	8,721	80	49,534
112	Lard, refined. (See also Slaughtering.)	5	1,625,440	344,415	68,430	85,870	190,115	1,281,025	581,934	293	167,625
113	Lead, bar, pipe, and sheet	3	959,464	466,678	180,000	87,500	199,178	492,786	31,950	186	120,240
114	Leather goods. (See also Pocketbooks; Trunks and valises.)	6	359,502	52,572	----------	----------	52,572	306,930	22,244	313	138,332
115	Leather, tanned and curried	30	4,876,671	1,198,280	620,730	325,300	252,250	3,678,391	160,141	1,947	1,190,922
116	Lime and cement	39	1,247,191	1,099,051	693,525	271,669	133,857	148,140	34,621	928	371,503
117	Liquors, distilled	7	8,782,041	7,417,155	1,231,950	1,715,000	4,470,205	1,364,886	31,505,991	1,023	825,140
118	Liquors, malt. (See also Bottling.)	88	21,294,107	12,930,493	3,636,503	5,678,002	3,615,988	8,363,614	3,452,605	2,943	2,056,829
119	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	15	537,260	308,000	----------	----------	308,000	229,260	62,756	680	411,826
120	Lock and gun smithing	66	132,070	88,928	34,500	24,250	30,178	43,142	19,834	144	87,752
121	Looking-glass and picture frames	99	1,100,398	452,369	147,950	145,600	158,819	648,029	105,579	1,650	825,019
122	Lumber and other mill products from logs or bolts.	357	4,056,562	1,633,620	433,956	254,007	945,657	2,422,942	352,783	4,314	1,147,784
123	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	206	11,301,630	5,181,381	1,830,895	1,386,726	1,963,760	6,120,249	684,019	9,517	5,649,437
124	Malt. (See also Liquors, malt.)	23	4,567,090	2,369,100	707,500	1,128,900	532,700	2,197,990	264,468	556	389,332
125	Mantels, slate, marble, and marbleized	7	291,060	108,760	34,000	47,000	27,760	182,300	13,712	326	228,736
126	Marble and stone work. (See also Monuments and tombstones.)	73	2,728,036	1,802,898	1,124,275	270,555	408,068	925,138	173,758	1,663	1,325,748
127	Masonry, brick and stone. (See also Plastering and stuccowork.)	295	3,023,381	700,322	206,915	214,040	279,367	2,323,059	207,166	8,208	5,214,878
128	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	41	976,302	302,429	134,726	92,549	75,154	673,873	89,429	726	411,699
129	Millinery and lace goods. (See also Artificial feathers and flowers.)	7	282,100	61,600	----------	----------	61,600	220,500	32,182	553	230,204
130	Millinery, custom work	415	1,574,391	513,964	231,500	245,666	36,798	1,060,427	198,606	1,944	852,810
131	Mineral and soda waters. (See also Bottling.)	72	781,487	598,323	79,635	101,625	417,063	183,164	149,215	522	283,014
132	Mirrors	7	226,350	53,000	----------	----------	53,000	173,350	27,306	391	267,862
133	Models and patterns	38	145,418	59,015	9,400	6,565	43,050	86,403	23,376	200	148,392
134	Monuments and tombstones. (See also Marble and stone work.)	115	815,810	271,455	139,825	76,200	55,430	544,355	81,772	633	418,282
135	Mucilage and paste	4	25,050	20,925	10,000	5,000	5,925	4,125	1,918	14	7,936
136	Musical instruments and materials, not specified.	14	175,895	37,765	3,000	5,000	29,765	138,130	21,268	205	114,672
137	Musical instruments, organs and materials.	17	3,339,923	562,076	106,000	236,000	220,076	2,777,847	128,266	1,483	829,731
138	Musical instruments, pianos and materials.	8	333,900	84,500	31,400	35,600	17,500	249,400	77,944	459	249,092
139	Oil, linseed	8	1,623,592	766,500	191,500	174,000	401,000	857,092	91,413	220	124,908
140	Oil, lubricating	4	69,525	7,325	----------	5,000	2,325	62,200	4,229	23	18,246
141	Oleomargarine	4	430,400	93,000	32,000	25,000	36,000	337,400	260,407	219	179,414
142	Optical goods	6	84,600	12,100	----------	----------	12,100	72,500	15,256	85	59,057
143	Painting and paper hanging	600	2,179,191	801,670	356,675	261,855	183,140	1,377,521	205,780	4,334	2,865,963
144	Paints. (See also Chemicals; Varnish.)	36	3,747,805	1,412,101	387,536	416,418	608,147	2,335,704	499,541	837	605,495
145	Paper	21	1,687,381	1,446,300	291,500	550,800	604,000	241,081	119,214	795	355,138
146	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	65	911,193	489,620	265,000	175,900	48,726	421,567	296,131	413	234,614
147	Paving and paving materials	24	1,777,904	833,283	310,950	127,950	394,383	944,621	143,392	1,969	1,049,216
148	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	11	116,510	52,570	25,000	10,000	17,570	63,940	28,601	156	68,462
149	Photography	248	691,546	485,270	112,270	95,510	277,490	206,276	137,808	889	562,952
150	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	12	125,490	62,200	6,000	5,000	51,200	63,290	19,248	150	111,374
151	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	28	513,742	126,600	21,535	19,220	85,845	387,142	86,139	376	176,577

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
32	$41,315	.....	.....	414	$183,895	151	$36,555	29	$6,073	27	$4,040	12	$6,812	.....	.....	$586,578	$1,062,578	107
211	263,242	4	$2,580	2,355	1,487,727	1	220	33	6,910	23	14,121	.....	.....	.....	.....	2,536,505	5,438,026	108
44	56,212	9	4,888	294	230,427	16	5,305	8	1,280	.....	.....	.....	.....	.....	.....	453,607	932,000	109
7	5,600	1	624	18	5,712	5	1,200	2	400	.....	.....	6	1,500	20	$2,000	27,240	58,715	110
12	11,109	.....	.....	55	33,565	9	1,960	2	300	2	2,600	.....	.....	.....	.....	36,395	125,650	111
15	15,675	.....	.....	200	129,400	33	9,700	16	3,750	.....	.....	20	9,100	.....	.....	3,545,603	4,554,831	112
32	32,270	2	1,050	152	86,920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,447,331	2,584,200	113
21	23,390	.....	.....	254	106,080	37	8,762	.....	.....	1	100	.....	.....	.....	.....	177,315	410,797	114
83	104,504	.....	.....	1,724	1,018,112	.....	.....	5	422	135	67,784	.....	.....	.....	.....	5,770,146	8,240,803	115
57	43,822	2	860	861	324,576	.....	.....	1	195	7	2,050	.....	.....	.....	.....	229,887	904,429	116
24	55,280	.....	.....	999	769,860	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,918,106	51,996,737	117
318	530,220	3	7,100	2,601	1,513,609	6	1,440	11	1,820	4	2,640	.....	.....	.....	.....	4,627,634	13,664,046	118
42	75,535	8	3,476	460	286,877	166	45,238	4	700	.....	.....	.....	.....	.....	.....	300,740	951,785	119
69	47,021	.....	.....	67	38,301	.....	.....	4	706	4	1,724	.....	.....	.....	.....	84,270	242,632	120
168	148,412	7	3,336	1,123	557,038	47	13,348	159	31,127	144	71,030	2	728	.....	.....	1,070,252	2,584,694	121
279	119,499	1	1,100	3,893	1,003,104	7	510	66	7,173	63	15,648	.....	.....	5	750	2,893,684	5,090,940	122
575	620,206	13	7,082	8,515	4,852,602	25	6,574	161	20,861	227	141,540	1	572	.....	.....	11,712,229	20,468,903	123
45	65,480	.....	.....	511	323,852	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,383,755	4,802,959	124
22	19,374	2	936	262	178,426	.....	.....	.....	.....	40	30,000	.....	.....	.....	.....	246,612	582,260	125
142	160,108	.....	.....	1,512	1,158,422	3	1,035	1	108	5	5,075	.....	.....	.....	.....	1,614,104	3,853,804	126
379	409,122	2	1,020	7,760	4,754,926	.....	.....	9	1,542	58	48,268	.....	.....	.....	.....	8,791,753	15,792,212	127
103	112,840	6	2,490	317	182,259	52	19,829	15	2,066	168	62,730	49	18,064	16	11,421	1,315,780	2,134,597	128
27	43,674	5	3,050	43	37,360	231	83,332	7	1,568	.....	.....	240	61,220	.....	.....	286,548	664,930	129
101	98,187	480	262,596	47	25,812	1,270	459,047	21	2,598	.....	.....	25	4,570	.....	.....	1,597,772	3,177,757	130
110	92,717	5	2,360	380	182,218	13	2,968	10	1,351	4	1,400	.....	.....	.....	.....	294,006	1,123,358	131
39	39,512	.....	.....	301	195,710	.....	.....	11	1,440	40	31,200	.....	.....	.....	.....	226,188	578,338	132
45	39,474	.....	.....	141	105,694	3	919	9	849	2	1,456	.....	.....	.....	.....	53,024	286,244	133
146	130,766	2	1,040	450	270,879	.....	.....	5	862	28	14,600	1	60	1	75	610,626	1,424,372	134
4	3,340	1	624	8	3,764	1	208	.....	.....	.....	.....	.....	.....	.....	.....	16,516	30,975	135
17	12,048	.....	.....	146	72,546	3	1,000	1	156	38	28,922	.....	.....	.....	.....	75,493	239,960	136
70	73,552	12	5,100	541	323,651	33	14,920	2	208	825	412,300	.....	.....	.....	.....	1,112,067	2,790,889	137
16	19,216	1	400	393	188,136	.....	.....	.....	.....	49	41,340	.....	.....	.....	.....	352,222	755,450	138
25	37,583	1	800	192	85,765	1	260	.....	.....	1	500	.....	.....	.....	.....	2,397,787	2,901,164	139
9	9,240	.....	.....	12	8,070	2	936	.....	.....	.....	.....	.....	.....	.....	.....	215,135	260,750	140
30	55,448	4	2,520	175	109,746	9	2,350	1	350	.....	.....	.....	.....	.....	.....	1,314,300	1,864,800	141
17	16,517	5	3,684	34	21,056	7	2,236	.....	.....	19	13,572	3	1,092	.....	.....	81,810	183,000	142
715	611,322	19	9,903	3,401	2,134,114	28	6,775	18	3,356	146	100,301	7	1,092	.....	.....	2,176,648	5,201,553	143
196	239,367	13	6,267	571	341,714	50	16,266	5	741	2	1,146	.....	.....	.....	.....	3,149,907	4,937,454	144
36	39,006	1	250	686	300,791	48	11,388	23	3,353	.....	.....	1	350	.....	.....	581,329	1,467,289	145
96	95,786	18	9,986	154	88,256	117	33,456	7	1,198	13	4,000	6	1,892	2	40	432,376	1,529,743	146
83	96,757	.....	.....	1,885	952,147	1	312	.....	.....	.....	.....	.....	.....	.....	.....	2,182,638	3,872,618	147
20	15,366	1	780	54	29,244	79	22,760	2	312	.....	.....	.....	.....	.....	.....	114,170	319,050	148
264	242,558	33	19,845	354	215,280	181	66,054	11	2,146	20	8,570	26	8,499	.....	.....	412,022	1,448,462	149
22	28,340	1	600	107	76,756	16	3,996	1	182	3	1,500	.....	.....	.....	.....	80,395	246,300	150
65	65,843	4	1,610	188	79,040	116	29,034	.....	.....	1	750	2	300	.....	.....	685,136	1,146,136	151

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
152	Pipes, tobacco	5	$4,380	$1,450	$100	$200	$1,150	$2,930	$1,437	32	$11,497
153	Plastering and stuccowork. (See also Masonry, brick and stone.)	112	342,430	105,356	46,599	24,695	34,071	237,974	19,785	789	526,062
154	Plumbers' supplies. (See also Brass castings and brass finishing.)	7	1,295,314	551,283	138,590	219,809	192,983	744,031	28,687	779	439,801
155	Plumbing and gas fitting	341	1,918,529	509,338	219,603	120,162	169,573	1,409,182	147,866	3,067	2,223,907
156	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	380	8,608,810	4,780,922	346,450	476,500	3,957,072	3,828,788	2,332,999	7,515	4,682,742
167	Printing and publishing, music. (See also Bookbinding and blank-book making.)	10	86,210	25,410	.....	.....	25,410	69,800	24,328	57	39,554
158	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	996	9,714,024	5,338,353	173,057	564,567	4,600,729	4,375,671	3,282,977	9,502	6,431,079
159	Printing materials	10	693,075	307,800	1,600	36,000	270,200	385,275	36,439	329	163,880
160	Pumps, not including steam pumps	10	607,520	242,677	76,000	81,321	85,356	364,843	16,233	271	159,070
161	Refrigerators	4	75,900	13,500	5,000	3,000	5,500	62,400	2,920	123	52,294
162	Regalia and society banners and emblems.	9	64,666	6,390	.....	.....	6,390	58,276	11,274	178	78,576
163	Roofing and roofing materials: (See also Tinsmithing, coppersmithing, and sheet-iron working.)	102	820,910	358,776	122,916	96,700	139,160	462,134	71,860	940	613,882
164	Rubber and elastic goods	11	128,090	66,660	26,200	10,700	29,760	62,030	13,504	125	82,895
165	Saddlery and harness	654	2,800,136	908,401	341,140	348,080	219,181	1,891,735	298,699	2,284	1,193,661
166	Sausage. (See also Slaughtering.)	13	43,537	33,830	15,800	11,650	6,380	9,707	4,177	56	39,125
167	Saws	10	257,500	100,400	32,000	20,409	48,009	157,100	23,681	97	79,906
168	Scales and balances	6	129,634	36,000	13,000	9,000	14,000	93,634	8,804	103	69,730
169	Sewing machine cases	3	195,779	123,379	26,000	17,700	79,679	72,400	22,624	240	122,583
170	Sewing machine repairing	6	2,215	710	.....	.....	710	1,505	2,021	8	4,338
171	Sewing machines and attachments	8	739,710	324,973	27,000	49,140	248,833	414,737	131,392	690	376,553
172	Shipbuilding	10	638,439	590,234	399,113	65,459	35,671	138,205	11,723	331	187,021
173	Shirts. (See also Furnishing goods, men's.)	43	1,163,885	248,890	100,000	100,000	48,090	915,795	70,216	1,488	696,367
174	Shoddy	3	110,037	62,100	6,600	23,500	32,000	47,937	11,610	114	36,254
175	Show cases	16	339,826	62,306	10,500	27,784	24,022	277,520	30,095	498	261,276
176	Silk and silk goods	19	422,096	199,200	33,000	60,000	106,200	222,896	35,761	805	295,636
177	Silversmithing	4	35,800	20,800	.....	.....	20,800	15,000	7,369	50	31,322
178	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage.)	60	40,317,930	13,621,870	4,520,236	5,802,826	3,298,808	26,696,060	6,391,900	18,178	11,968,871
179	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage.)	21	489,185	236,675	112,300	95,000	29,375	252,510	71,716	738	518,534
180	Smelting and refining	7	321,199	98,725	18,000	44,900	36,725	222,465	86,972	137	93,733
181	Soap and candles. (See also Grease and tallow.)	35	4,743,650	1,808,094	745,373	493,848	628,783	2,875,646	652,207	1,198	644,151
182	Sporting goods	5	171,725	84,175	24,900	15,000	15,175	117,550	7,946	153	70,182
183	Springs, steel, car, and carriage	6	1,903,282	655,117	195,359	108,000	351,758	348,165	32,442	381	261,182
184	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet iron working.)	5	332,075	171,500	47,500	34,000	90,000	160,575	9,879	474	183,919
185	Stationery goods, not elsewhere specified.	7	147,150	56,300	20,900	10,900	26,300	90,850	6,512	68	52,776
186	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	21	2,749,435	1,087,739	233,809	303,535	550,404	1,661,696	352,251	2,321	1,325,099
187	Stencils and brands	8	42,772	27,500	100	200	27,200	15,272	8,729	76	57,336
188	Stereotyping and electrotyping. (See also Type founding.)	6	209,750	128,000	.....	.....	128,000	72,750	20,483	265	167,940
189	Sugar and molasses, refining	*36	800,207	505,575	52,031	203,969	250,475	294,632	39,682	386	171,685
190	Surgical appliances. (See also Artificial limbs.)	10	97,950	15,800	2,000	1,000	12,800	82,150	40,061	141	193,788
191	Timber products, not manufactured at mill.	6	38,650	32,130	16,000	.....	16,130	6,520	8,160	68	11,340
192	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	609	3,829,207	1,732,495	425,400	462,740	844,295	2,096,712	284,723	3,589	2,010,979
193	Tobacco, chewing, smoking, and snuff	15	941,020	101,095	32,405	26,529	102,080	780,615	727,485	648	274,700
194	Tobacco, cigars and cigarettes	715	3,209,601	675,011	275,765	286,365	112,881	2,534,590	770,271	4,827	2,405,563
195	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	29	227,852	97,012	15,450	11,450	70,112	130,849	11,009	257	149,593
196	Toys and games	3	15,931	3,800	.....	.....	3,800	12,131	764	35	12,192

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
4	$2,733	1	$600	8	$3,664	5	$696	2	$180	12	$3,624	.....	.....	.....	.....	$4,463	$21,050	152
136	112,681	.....	.....	639	407,462	.....	.....	1	300	10	5,619	.....	.....	.....	.....	515,242	1,229,182	153
68	52,670	.....	.....	463	252,389	23	6,032	.....	.....	201	121,222	24	$7,488	.....	.....	438,114	1,279,322	154
465	448,883	30	13,538	2,530	1,753,436	1	208	33	5,912	8	1,930	.....	.....	.....	.....	3,132,222	6,455,007	155
869	1,009,477	113	58,384	4,479	2,892,432	1,283	422,805	145	29,736	511	240,974	115	28,934	.....	.....	4,800,914	14,555,068	156
26	23,060	11	6,100	4	3,256	8	3,200	2	442	6	4,496	.....	.....	.....	.....	37,080	157,000	157
1,543	1,595,357	284	138,461	4,971	3,326,130	786	279,230	572	60,157	1,253	993,523	84	37,519	9	$702	4,000,623	17,348,845	158
33	42,548	3	1,430	68	53,028	14	5,200	3	874	58	36,600	150	24,200	.....	.....	113,398	439,400	159
42	44,460	1	350	217	108,080	.....	.....	.....	.....	11	6,180	.....	.....	.....	.....	367,145	638,600	160
23	21,938	.....	.....	100	30,356	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43,380	116,000	161
13	13,320	1	520	69	37,170	95	27,566	.....	.....	.....	.....	.....	.....	.....	.....	61,248	186,060	162
116	113,465	4	1,640	813	496,627	.....	.....	1	100	6	2,050	.....	.....	.....	.....	1,443,986	2,500,133	163
18	17,640	4	1,800	29	17,020	18	4,409	2	416	4	1,150	50	10,460	.....	.....	103,877	215,178	164
631	419,409	7	2,422	1,351	644,475	34	9,666	24	4,631	222	109,558	15	3,500	.....	.....	1,702,748	3,647,434	165
14	12,005	.....	.....	39	17,220	3	900	.....	.....	.....	.....	.....	.....	.....	.....	182,868	247,600	166
16	17,844	1	700	79	51,946	1	416	.....	.....	.....	.....	.....	.....	.....	.....	153,104	279,216	167
12	10,531	2	1,248	40	25,350	.....	.....	.....	.....	49	32,601	.....	.....	.....	.....	45,572	153,547	168
4	4,500	.....	.....	211	102,483	.....	.....	.....	.....	25	15,600	.....	.....	.....	.....	129,260	360,074	169
4	2,604	.....	.....	2	864	1	350	.....	.....	1	520	.....	.....	.....	.....	1,650	10,200	170
31	29,982	4	2,160	441	252,616	27	6,910	2	468	170	79,731	15	4,680	.....	.....	356,836	1,010,908	171
15	14,722	1	433	299	169,370	.....	.....	16	2,496	.....	.....	.....	.....	.....	.....	148,127	421,815	172
62	59,426	3	1,468	366	200,376	679	211,972	4	624	31	9,708	343	122,793	.....	.....	970,175	1,930,625	173
4	6,500	.....	.....	37	19,228	43	4,046	.....	.....	.....	.....	30	6,480	.....	.....	103,722	182,110	174
34	39,090	1	450	338	204,836	.....	.....	20	5,200	15	11,700	.....	.....	.....	.....	287,630	710,025	175
41	50,384	8	3,930	139	72,220	535	143,392	10	1,560	18	10,110	54	14,040	.....	.....	314,855	785,845	176
5	5,474	1	1,000	44	24,848	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64,889	184,924	177
907	1,013,353	31	14,448	15,533	9,401,434	243	75,584	408	76,281	797	410,943	259	76,828	.....	.....	169,934,270	200,414,531	178
46	59,566	.....	.....	665	440,440	.....	.....	.....	.....	27	18,528	.....	.....	.....	.....	10,969,642	11,876,851	179
23	28,694	.....	.....	114	65,039	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,072,155	1,356,200	180
166	182,714	6	3,304	796	399,905	142	36,158	45	10,204	3	550	40	11,316	.....	.....	7,455,241	9,857,550	181
8	11,902	.....	.....	89	41,912	36	8,448	.....	.....	20	7,920	.....	.....	.....	.....	88,216	218,600	182
22	29,080	.....	.....	347	229,612	.....	.....	12	2,490	.....	.....	.....	.....	.....	.....	453,542	906,937	183
22	25,569	.....	.....	97	66,206	30	3,120	.....	.....	175	48,024	150	41,000	.....	.....	222,431	451,100	184
15	18,900	3	2,080	33	25,764	12	4,132	1	150	4	1,750	.....	.....	.....	.....	44,856	121,396	185
254	263,093	4	2,200	1,831	983,361	37	7,400	3	575	119	47,994	73	20,476	.....	.....	1,592,054	4,040,388	186
14	14,860	.....	.....	60	41,976	.....	.....	2	500	.....	.....	.....	.....	.....	.....	23,118	116,200	187
21	38,353	1	260	215	123,169	1	520	27	5,638	.....	.....	.....	.....	.....	.....	85,765	367,000	188
60	58,347	2	1,100	306	108,077	7	1,326	.....	.....	11	2,835	.....	.....	.....	.....	2,649,736	3,008,358	189
41	39,694	8	4,622	67	49,016	18	7,180	.....	.....	.....	.....	7	3,276	.....	.....	138,405	360,300	190
3	1,000	.....	.....	52	10,040	.....	.....	.....	.....	3	300	.....	.....	.....	.....	13,706	44,215	191
571	476,924	19	9,862	2,671	1,406,391	184	49,584	32	5,636	112	61,682	.....	.....	.....	.....	3,242,973	6,827,538	192
55	73,958	1	300	156	92,280	336	104,724	36	2,190	.....	.....	4	1,248	.....	.....	727,314	2,027,153	193
721	529,536	9	3,668	1,031	504,014	275	73,186	170	24,005	2,160	1,141,715	424	125,063	37	4,376	2,894,526	6,942,185	194
42	34,686	.....	.....	212	112,939	1	720	.....	.....	2	1,248	.....	.....	.....	.....	58,386	299,730	195
2	3,000	.....	.....	17	4,200	.....	.....	.....	.....	8	2,496	8	2,496	.....	.....	18,640	44,223	196

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
197	Trunks and valises. (See also Leather goods.)	20	$406,400	$145,025	$60,000	$59,000	$26,025	$261,375	$27,108	317	$186,585
198	Type founding. (See also Stereotyping and electrotyping.)	3	438,545	199,805	.....	.....	199,805	238,740	27,900	195	162,800
199	Umbrellas and canes	16	23,120	7,430	3,000	2,000	2,430	15,690	7,068	20	16,418
200	Upholstery materials. (See also Woolen goods.)	3	66,101	37,296	1,100	11,600	24,596	28,805	6,057	168	45,506
201	Varnish. (See also Paints.)	10	1,279,571	382,059	89,750	176,804	115,505	897,512	90,129	189	192,464
202	Vinegar and cider	41	797,848	522,508	155,610	158,857	208,041	275,340	44,607	290	156,097
203	Washing machines and clothes wringers.	6	7,519	1,635	200	350	1,085	5,884	852	30	15,270
204	Watch cases	3	118,293	27,734	.....	5,000	22,734	90,559	7,415	71	40,762
205	Watch, clock, and jewelry repairing. (See also Jewelry.)	325	434,713	201,335	65,600	34,600	101,135	233,378	92,782	652	431,150
206	Watches	4	6,179,484	2,890,943	346,971	1,069,010	1,474,962	3,288,541	340,111	3,999	2,189,326
207	Windmills	14	289,080	115,696	15,800	23,300	76,596	173,384	19,267	301	165,347
208	Window shades	13	217,570	42,070	10,000	8,000	24,070	175,500	32,341	121	76,952
209	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	66	1,114,476	465,910	100,530	109,135	256,245	648,566	104,445	639	327,817
210	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	38	188,998	102,058	34,600	13,100	54,358	86,940	26,769	300	174,692
211	Woolen goods. (See also Gloves and mittens; Hosiery and knit goods.)	23	1,649,918	600,939	68,775	193,864	338,300	1,048,979	110,159	914	313,780
212	All other industries (*a*)	109	7,153,145	3,076,182	485,200	1,009,473	1,581,509	4,076,963	516,798	4,501	2,463,298

a Embraces ammunition, 2; artists' materials, 2; bags, paper, 2; bellows, 1; bells, 2; belting and hose, rubber, 1; bicycle and tricycle repairing, 1; bone, ivory, and lamp black, 1; boot and shoe findings, 1; bronze castings, 1; carpets, wood, 1; china, decorating, 2; cigar molds, 1; clocks, 1; clothing, horse, 2; coke, 2; cordials and sirups, 1; crucibles, 1; dentists' materials, 2; drug grinding, 1; emery wheels, 1; enameled goods, 1; envelopes, 3; files, 2; fireworks, 1; foundry supplies, 1; furs, dressed, 1; gas stoves, 2; glue, 1; gold and silver, reducing and refining, not from the ore, 1; high explosives, 1; ink, printing, 2; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, doors and shutters, 1; iron and steel, pipe, wrought, 2; ivory and bone work, 2; japanning, 2; jewelry and

BY COUNTIES.

1	The State	20,482	502,004,512	236,825,020	61,986,313	68,754,214	106,084,493	265,179,492	79,515,193	312,198	171,523,579
2	Adams	477	6,952,231	3,142,088	618,033	1,194,181	1,329,874	3,810,143	674,694	5,361	2,531,300
3	Alexander	95	1,149,261	691,164	112,968	167,470	410,726	458,097	89,405	874	456,943
4	Bond	18	51,697	38,043	3,845	7,670	26,528	13,654	2,974	45	14,206
5	Boone	72	537,128	279,388	37,000	91,340	151,048	257,740	32,493	477	232,905
6	Brown	20	58,600	46,415	5,025	17,225	24,165	12,185	2,944	94	25,220
7	Bureau	111	482,185	279,825	38,475	115,470	125,880	202,360	29,021	478	186,379
8	Calhoun	16	31,093	20,455	2,515	6,635	11,305	10,638	1,146	30	8,673
9	Carroll	75	243,058	162,440	28,500	58,250	75,690	80,618	17,408	276	108,283
10	Cass	58	525,155	278,342	34,050	97,350	146,942	246,813	26,357	463	193,515
11	Champaign	183	1,044,591	642,351	93,315	238,430	310,606	402,240	67,383	1,173	475,960
12	Christian	115	493,212	324,942	63,665	133,637	128,240	168,270	23,256	543	221,954
13	Clark	56	146,823	103,531	16,181	16,010	71,340	43,292	9,740	189	49,510
14	Clay	28	105,575	59,470	4,280	10,140	45,050	46,105	5,891	163	41,936
15	Clinton	47	274,647	174,122	17,498	53,360	103,264	106,525	16,877	185	53,195
16	Coles	145	749,119	441,523	49,993	189,311	202,219	307,596	68,700	1,032	459,184
17	Cook	10,097	362,586,015	168,261,694	51,071,429	45,780,681	71,409,584	194,324,321	43,514,510	212,336	125,023,442
18	Crawford	50	136,436	92,687	5,630	17,897	69,160	43,749	8,654	214	50,560
19	Cumberland	18	39,375	30,330	1,875	4,820	23,635	9,045	6,071	90	18,925
20	Dekalb	147	1,862,981	503,717	66,120	167,392	270,205	1,359,264	233,484	969	429,931
21	Dewitt	42	203,416	141,678	29,575	64,445	47,658	61,738	7,341	248	97,955
22	Douglas	69	202,859	121,706	17,210	39,645	64,851	81,153	13,063	186	73,109
23	Dupage	83	424,758	293,235	49,025	172,000	72,210	131,523	19,360	289	135,674
24	Edgar	58	188,164	111,224	21,145	30,565	59,514	76,940	12,065	253	75,032
25	Edwards	15	59,586	34,550	3,320	9,450	21,780	25,036	3,161	108	13,982
26	Effingham	59	213,010	156,890	13,905	36,580	106,425	56,120	10,427	287	96,896
27	Fayette	68	195,995	144,815	19,375	46,970	78,470	51,180	20,053	222	68,506
28	Ford	29	154,339	78,050	9,115	26,225	42,710	76,289	23,183	611	53,458
29	Franklin	37	74,271	52,927	5,633	11,460	35,825	21,344	3,882	90	23,642
30	Fulton	185	2,406,332	653,409	88,727	225,680	339,002	1,752,923	301,839	1,984	812,905
31	Gallatin	20	106,437	69,880	8,300	10,200	51,380	36,557	9,715	97	29,827
32	Greene	60	437,235	272,723	53,090	115,650	103,983	164,512	28,414	505	176,277
33	Grundy	23	288,456	145,092	11,880	60,620	72,592	143,454	28,550	233	115,264
34	Hamilton	14	32,200	25,820	3,400	1,945	20,475	6,470	2,722	56	10,621
35	Hancock	89	608,567	291,566	30,036	109,620	151,910	317,001	33,042	436	166,759
36	Hardin	15	38,636	29,335	1,610	8,025	19,700	9,301	1,938	39	10,959
37	Henderson	20	70,465	53,705	4,120	19,000	30,585	16,760	2,955	46	14,722
38	Henry	73	1,288,458	551,212	89,965	157,738	303,569	737,246	114,715	1,147	562,454
39	Iroquois	65	270,645	179,852	27,695	68,300	93,857	90,793	16,174	341	119,532
40	Jackson	44	397,225	235,595	25,500	76,406	133,689	161,630	33,820	328	140,675
41	Jasper	32	86,881	56,665	8,710	11,400	36,555	30,216	4,277	120	29,561

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued

ILLINOIS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
45	$46,103	.....	.....	258	$137,204	11	$3,020	3	$258	.....	.....	.....	.....	.....	.....	$177,756	$443,057	197
18	29,000	8	$3,560	19	9,200	.....	.....	.....	.....	25	$12,500	125	$108,540	.....	.....	466,240	765,000	198
16	10,596	1	500	7	3,900	5	1,422	.....	.....	.....	.....	.....	.....	.....	.....	19,736	54,095	199
5	2,940	.....	.....	52	22,554	.....	.....	4	512	30	16,848	.....	.....	17	$2,652	78,338	153,150	200
64	108,614	2	1,456	118	81,012	1	312	3	670	1	400	.....	.....	.....	.....	803,978	1,299,319	201
71	68,093	.....	.....	216	87,944	2	50	.....	.....	1	10	.....	.....	.....	.....	441,911	810,159	202
12	7,820	.....	.....	16	7,200	.....	.....	.....	.....	2	250	.....	.....	.....	.....	8,907	28,021	203
10	9,496	1	520	52	27,757	8	2,989	.....	.....	.....	.....	.....	.....	.....	.....	19,766	79,270	204
253	186,589	.....	.....	378	239,586	8	1,873	9	1,552	4	1,550	.....	.....	.....	.....	161,790	875,637	205
18	21,200	.....	.....	872	615,122	404	159,825	.....	.....	1,556	1,009,244	1,149	383,935	.....	.....	514,148	3,048,966	206
31	18,318	6	3,700	263	143,269	.....	.....	.....	.....	1	60	.....	.....	.....	.....	201,362	457,228	207
23	20,820	3	2,340	72	41,004	10	4,176	2	312	9	7,700	2	600	.....	.....	321,948	532,710	208
92	83,409	6	3,245	440	205,869	13	4,283	29	5,541	57	25,430	.....	.....	2	40	1,170,702	1,958,636	209
49	44,523	.....	.....	238	126,277	.....	.....	6	962	7	2,930	.....	.....	.....	.....	121,616	401,309	210
49	40,783	.....	.....	418	164,511	381	96,467	24	2,361	15	4,035	24	5,523	3	100	789,310	1,299,506	211
357	413,663	18	10,193	3,425	1,825,556	333	88,967	58	9,714	240	100,209	68	14,660	2	336	11,125,601	15,428,884	212

instrument cases, 2; kaolin and other earth grinding, 2; kindling wood, 1; lapidary work, 1; lasts, 2; leather, dressed skins, 1; liquors, vinous, 2; mats and matting, 1; nets and seines, 1; oil, castor, 1; oil, resin, 1; paper goods, not elsewhere specified, 1; paper patterns, 2; pens, fountain and stylographic, 1; photographic apparatus, 2; photographic materials, 2; plated and britannia ware, 2; pocketbooks, 2; pulp goods, 1; racking hose, 1; registers, car fare, 1; registers, cash, 1; rules, ivory and wood, 2; safes and vaults, 1; salt, 1; screws, machine, 1; starch, 1; steam packing, 2; taxidermy, 2; tinfoil, 1; typewriters and supplies, 1; vault lights and ventilators, 4; watch and clock materials, 1; whips, 2; wire, 1; woodenware, not elsewhere specified, 2; zinc, 2.

BY COUNTIES.

28878	27,086,400	3,102	1,563,914	213795	116,890,314	23,689	6,928,495	4,973	720,182	28087	15,706,156	9,221	2,563,656	453	64,462	529,019,089	908,640,280	1
581	471,640	30	12,994	3,454	1,586,301	423	95,579	236	30,747	491	305,989	142	27,650	4	400	6,193,675	11,096,145	2
114	93,644	29	11,174	662	325,036	19	4,813	14	1,008	36	21,268	.....	.....	.....	.....	1,411,736	2,311,083	3
8	4,279	.....	.....	32	9,388	2	414	3	125	.....	.....	.....	.....	.....	.....	39,796	67,081	4
69	45,885	6	2,595	218	111,482	22	4,190	.....	.....	158	68,008	4	745	.....	.....	544,329	908,335	5
19	8,374	.....	.....	52	13,188	1	115	17	2,543	5	1,000	.....	.....	.....	.....	47,735	90,682	6
100	58,976	.....	.....	330	118,959	17	2,392	12	450	13	3,786	6	1,816	.....	.....	382,576	703,847	7
11	4,765	.....	.....	19	3,908	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29,334	43,343	8
66	35,039	3	556	182	68,606	9	1,275	11	883	4	1,612	1	312	.....	.....	317,650	491,689	9
73	46,746	.....	.....	324	129,195	2	223	38	4,608	23	11,323	3	1,420	.....	.....	612,589	901,340	10
152	92,247	27	10,150	769	322,877	156	26,775	27	1,023	42	22,288	.....	.....	.....	.....	604,500	1,322,448	11
85	52,624	4	1,248	403	154,733	17	3,428	14	1,761	15	7,160	3	960	2	40	432,080	802,815	12
53	20,052	.....	.....	124	27,217	4	716	1	75	7	1,450	.....	.....	.....	.....	294,823	400,407	13
16	7,840	.....	.....	142	33,528	4	560	.....	.....	1	8	.....	.....	.....	.....	129,499	215,347	14
32	15,882	.....	.....	136	34,239	.....	.....	3	258	14	2,816	.....	.....	.....	.....	521,171	641,835	15
119	87,992	17	9,524	697	292,142	45	6,325	9	785	99	52,565	46	9,851	.....	.....	704,787	1,347,106	16
17739	18,874,418	2,196	1,169,653	147165	86,268,176	17,962	5,627,087	2,374	486,884	18914	10,868,779	5,801	1,736,784	188	41,661	411,094,433	667,971,106	17
48	16,102	.....	.....	161	34,055	1	120	3	233	1	50	.....	.....	.....	.....	166,667	266,729	18
10	5,806	.....	.....	79	12,963	1	156	.....	.....	.....	.....	.....	.....	.....	.....	106,335	144,440	19
166	121,763	18	8,980	631	281,845	141	13,446	5	773	8	3,124	.....	.....	.....	.....	1,007,738	2,071,453	20
39	22,987	.....	.....	193	68,536	1	400	1	78	12	5,330	1	520	1	104	93,458	230,139	21
62	32,728	.....	.....	109	37,866	5	762	2	283	6	1,366	.....	.....	2	104	128,429	263,996	22
73	38,362	.....	.....	201	91,580	3	764	3	468	8	4,300	1	200	.....	.....	381,856	642,772	23
40	19,094	1	156	207	55,238	.....	.....	4	194	1	350	.....	.....	.....	.....	178,528	314,841	24
15	4,910	.....	.....	58	12,106	15	1,125	11	361	1	30	4	270	4	180	53,573	90,741	25
40	16,498	1	350	241	79,588	1	260	2	50	.....	.....	2	150	.....	.....	300,445	455,423	26
38	18,164	2	335	152	45,704	16	2,371	9	932	5	1,000	.....	.....	.....	.....	180,425	328,776	27
21	11,398	1	200	103	26,062	3	240	30	260	183	9,648	180	4,360	90	1,290	81,947	212,243	28
31	11,994	1	316	50	11,057	1	60	2	80	5	135	.....	.....	.....	.....	99,103	141,310	29
247	197,968	30	10,858	942	409,869	74	14,234	20	2,330	421	131,707	234	44,942	16	997	1,535,879	3,047,660	30
12	5,380	.....	.....	85	24,447	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	91,420	179,652	31
54	31,054	.....	.....	377	134,043	25	1,889	18	2,200	31	7,091	.....	.....	.....	.....	321,738	616,089	32
27	25,933	4	1,565	154	67,992	8	1,703	7	385	33	17,686	.....	.....	.....	.....	259,884	447,568	33
14	4,205	.....	.....	38	6,056	3	240	1	120	.....	.....	.....	.....	.....	.....	17,902	38,256	34
71	43,896	.....	.....	250	89,513	46	14,418	16	1,992	50	16,780	1	120	2	40	650,369	989,035	35
9	3,740	.....	.....	29	7,075	.....	.....	1	144	.....	.....	.....	.....	.....	.....	58,569	81,990	36
10	4,524	.....	.....	32	9,695	1	216	3	287	.....	.....	.....	.....	.....	.....	30,474	55,391	37
63	47,413	3	1,218	1,053	506,158	7	1,780	2	350	18	5,495	.....	.....	1	40	780,974	1,644,531	38
41	24,227	.....	.....	293	94,337	3	744	2	124	2	100	.....	.....	.....	.....	131,192	332,260	39
36	21,317	.....	.....	276	113,890	.....	.....	6	540	10	4,928	.....	.....	.....	.....	591,896	874,424	40
30	12,824	.....	.....	86	16,342	.....	.....	2	200	2	195	.....	.....	.....	.....	71,965	125,519	41

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ILLINOIS—Continued.

BY COUNTIES—Continued.

	COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
42	Jefferson	30	$354,035	$201,450	$13,485	$52,825	$135,140	$152,585	$9,218	732	$337,460
43	Jersey	39	191,229	128,461	15,665	32,625	80,171	62,768	9,247	122	37,119
44	Jo Daviess	113	861,766	455,068	81,900	172,325	200,843	406,698	64,779	757	278,056
45	Johnson	16	60,372	47,160	11,745	6,090	29,325	13,212	1,518	80	23,289
46	Kane	350	12,814,323	6,153,200	853,406	2,238,074	3,061,720	6,661,123	739,960	8,650	4,688,838
47	Kankakee	135	1,100,151	688,341	153,760	287,408	247,173	411,810	77,646	862	417,073
48	Kendall	37	2,716,190	356,825	27,325	161,400	168,100	2,359,365	178,337	512	307,535
49	Knox	171	1,875,204	1,000,522	189,930	238,238	572,354	874,682	75,102	1,608	810,147
50	Lake	104	1,264,304	908,633	201,613	349,200	357,820	355,671	51,390	725	335,721
51	Lasalle	499	6,515,640	3,731,979	855,764	1,343,390	1,532,825	2,783,661	457,352	5,574	2,744,858
52	Lawrence	38	78,695	58,889	5,277	16,958	36,654	19,806	5,605	124	26,146
53	Lee	108	1,414,293	914,017	153,090	393,650	367,277	500,276	59,680	1,261	572,349
54	Livingston	82	250,105	160,281	26,895	61,075	72,311	89,824	17,117	273	119,862
55	Logan	64	379,186	165,416	20,065	44,420	100,931	213,770	38,041	349	150,625
56	McDonough	98	670,595	363,256	44,723	175,972	142,561	307,339	36,307	610	246,471
57	McHenry	106	705,997	484,596	50,988	207,100	226,508	221,401	54,330	435	217,361
58	McLean	246	3,096,942	1,601,086	230,405	667,032	703,649	1,495,856	237,330	2,763	1,338,415
59	Macon	263	2,836,747	1,272,444	274,364	411,208	586,872	1,564,303	299,471	2,165	975,071
60	Macoupin	156	612,102	356,045	39,155	109,565	207,325	256,057	41,014	587	220,282
61	Madison	234	2,667,288	1,330,800	177,913	534,883	618,004	1,336,488	226,806	2,841	1,280,388
62	Marion	73	409,802	321,065	35,125	111,760	174,180	88,737	17,414	546	256,089
63	Marshall	60	329,684	169,759	18,360	55,454	95,945	159,925	27,638	281	102,023
64	Mason	40	158,264	103,030	20,765	20,500	61,765	55,234	10,122	127	50,674
65	Massac	18	290,120	162,370	17,325	49,370	95,675	127,750	18,196	355	108,112
66	Menard	34	122,515	71,635	8,300	16,250	47,085	50,880	8,035	100	37,314
67	Mercer	73	174,032	94,461	12,830	30,115	51,516	79,571	12,868	164	62,154
68	Monroe	15	244,207	120,715	12,275	46,800	61,640	123,492	46,984	91	40,944
69	Montgomery	109	1,407,060	485,411	48,734	133,600	303,077	921,649	80,017	1,193	435,212
70	Morgan	232	1,640,843	767,704	125,560	210,336	431,808	873,139	148,753	1,420	603,567
71	Moultrie	29	86,395	49,590	4,335	14,130	31,125	36,805	4,647	94	28,702
72	Ogle	58	285,583	192,882	21,450	71,775	99,657	92,701	21,225	234	100,085
73	Peoria	622	15,623,547	10,522,896	1,435,923	2,811,218	6,275,755	5,100,651	24,507,454	8,239	4,529,874
74	Perry	20	216,081	138,447	16,650	57,750	64,047	107,634	13,673	156	56,067
75	Piatt	26	170,812	98,215	11,150	36,550	50,515	72,597	13,873	156	60,040
76	Pike	75	473,760	256,836	21,240	83,972	151,624	216,923	31,958	412	151,210
77	Pope	21	41,657	32,495	3,275	10,295	18,925	9,162	2,498	65	18,542
78	Pulaski	10	197,853	123,358	51,535	10,890	60,933	74,495	9,168	174	65,633
79	Putnam	13	15,560	9,125	350	3,230	5,545	6,435	1,288	39	9,768
80	Randolph	60	936,978	397,061	31,277	123,715	242,069	539,917	108,696	424	160,062
81	Richland	36	138,780	102,095	8,925	17,030	76,140	36,685	11,144	168	42,342
82	Rock Island	312	12,509,319	3,728,482	775,925	1,585,879	1,366,678	8,780,837	930,659	6,630	3,208,408
83	St. Clair	353	7,042,607	3,455,198	508,625	1,092,341	1,854,232	3,587,409	1,110,146	5,099	2,452,656
84	Saline	23	87,610	64,340	16,140	8,215	39,985	23,270	6,514	107	28,895
85	Sangamon	448	4,265,547	2,458,953	451,296	751,212	1,256,445	1,806,594	342,408	4,183	2,118,198
86	Schuyler	41	141,319	91,035	16,345	25,260	49,430	50,284	9,609	169	48,193
87	Scott	23	85,420	63,915	11,290	17,975	34,650	21,505	3,902	56	13,931
88	Shelby	74	265,762	203,040	35,660	69,455	97,925	62,722	21,081	293	83,589
89	Stark	31	70,916	48,950	8,725	19,575	20,650	21,966	3,600	73	22,900
90	Stephenson	176	1,496,099	900,718	160,150	343,522	397,046	595,381	142,549	1,360	602,367
91	Tazewell	180	2,143,240	608,262	95,980	213,420	298,862	1,534,978	1,897,486	1,204	545,890
92	Union	35	179,647	108,840	25,930	21,665	61,245	70,807	11,666	272	76,852
93	Vermilion	201	1,171,426	602,696	105,025	167,175	330,496	568,730	116,607	1,701	461,755
94	Wabash	26	201,045	147,385	10,175	40,205	88,005	53,660	12,967	245	60,287
95	Warren	71	1,581,278	331,564	24,045	139,876	167,643	1,249,714	114,033	678	342,307
96	Washington	90	301,586	198,713	16,750	69,360	112,603	102,873	17,669	316	97,207
97	Wayne	29	156,084	93,451	11,000	18,430	64,021	62,633	12,457	194	56,475
98	White	43	346,218	171,290	20,850	36,300	114,140	174,928	24,551	305	109,430
99	Whiteside	149	1,682,854	784,274	140,855	270,045	373,374	898,580	228,534	1,380	673,165
100	Will	385	11,105,307	5,291,844	689,405	1,747,085	2,855,374	5,813,463	615,294	4,000	2,349,082
101	Williamson	25	77,305	58,000	14,115	9,615	34,330	19,245	3,410	105	22,012
102	Winnebago	288	8,265,637	3,466,945	702,637	1,002,164	1,762,144	4,798,692	684,044	5,551	2,619,325
103	Woodford	39	152,383	77,080	12,465	28,100	36,515	75,303	8,424	185	60,326

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

ILLINOIS—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
31	$10,658	2	$300	692	$325,266	4	$958	1	$100	2	$178					$851,585	$1,685,227	42
24	10,535			88	24,064					10	2,520					167,824	230,480	43
113	80,425	8	2,221	401	146,508	92	22,702	10	1,246	34	11,044	95	$13,706	4	$204	505,053	979,225	44
10	4,271			70	18,438	2	100			4	480					71,847	115,420	45
604	510,762	73	33,974	4,536	2,470,657	627	221,764	172	19,916	1,676	1,071,859	1,057	358,706	6	1,200	12,353,459	19,153,718	46
143	106,814	20	10,050	601	282,835	69	12,255	8	868	6	1,325	15	2,926			498,342	1,205,421	47
158	107,610	1	1,000	341	195,110	10	2,640	2	175							666,250	1,404,736	48
215	152,180	24	9,720	1,083	555,535	84	22,396	4	455	174	66,308	24	3,553			949,554	2,142,831	49
135	89,568	9	3,140	486	212,728	18	4,626	25	3,992	50	21,267	2	400			2,044,113	2,680,885	50
550	402,115	52	19,316	3,870	1,934,088	220	46,072	368	48,496	437	270,363	70	25,578	7	830	3,457,432	7,821,617	51
29	8,250			88	15,931	3	305	2	50	2	610					135,969	194,993	52
97	74,246	9	4,660	686	329,362	91	24,291	9	1,216	223	99,200	122	35,072	24	4,302	1,758,106	2,661,603	53
63	43,385	1	120	188	71,819	5	1,538	9	1,114	7	1,886					127,999	333,546	54
55	39,573	1	150	236	99,905	7	1,540	30	2,989	20	6,468					374,336	660,363	55
88	45,860	2	1,120	451	178,743	15	3,011	15	1,440	39	16,297					277,707	715,333	56
112	72,336	1	260	301	140,629	6	950	5	200	8	2,086	2	300			1,149,047	1,646,150	57
357	270,667	21	9,042	1,882	887,512	131	24,952	35	3,685	268	127,430	40	12,480	29	2,647	2,133,213	4,317,927	58
356	259,700	11	5,428	1,389	577,915	43	12,036	63	6,134	215	100,712	83	12,561	6	585	1,742,317	3,656,584	59
132	74,229	11	8,256	356	121,482	31	4,497	24	2,443	27	9,025	6	350			863,228	1,252,681	60
248	202,454	18	7,476	1,686	685,421	27	5,322	279	33,736	522	338,284	59	7,370	2	325	4,318,909	6,512,177	61
41	18,066	2	572	455	227,793	5	1,048	6	705	37	7,905					331,002	683,970	62
60	30,718			149	55,126	59	13,550	3	600	10	2,929					163,365	316,560	63
22	11,587	1	152	101	38,539			2	156	1	240					192,813	281,489	64
25	16,671			312	87,628			7	668	6	2,400			5	750	319,175	536,999	65
23	11,352			64	23,792			6	750	6	1,120	1	300			111,510	184,047	66
55	27,548	3	1,100	99	30,606	3	1,050			3	1,350	1	500			98,536	208,224	67
14	11,738			77	29,206											509,675	659,159	68
96	61,281	11	4,870	953	345,399	54	8,926	19	1,972	9	4,020	11	2,504	40	6,240	2,042,635	2,774,784	69
237	149,681	47	16,551	687	308,663	211	50,687	35	3,703	140	69,282	63	5,000			1,026,063	2,145,897	70
23	9,552			70	18,890					1	260					77,637	141,977	71
52	33,009			166	63,951	15	3,035			1	90					356,882	542,988	72
841	782,619	106	56,792	5,318	3,001,606	701	158,779	151	23,400	687	413,580	428	91,916	7	1,182	10,235,041	56,063,725	73
19	10,742			112	40,625	7	1,080	1	150	17	3,470					224,653	365,181	74
21	14,871	2	500	125	42,958	4	1,012	2	208	2	500					115,606	231,228	75
70	39,824	1	312	288	93,175	20	4,382	6	550	26	6,717	1	250			1,105,125	1,444,714	76
19	8,039			44	10,273	1	180	1	50							52,850	88,933	77
9	6,283	1	1,100	154	47,500			10	750							151,557	251,614	78
11	4,578			26	5,040					2	150					10,336	24,333	79
79	48,227			259	94,293	9	1,035	2	99	49	15,904	24	480	2	24	1,509,415	2,010,461	80
29	10,863	1	130	129	28,304	1	65			8	2,980					214,863	296,622	81
454	430,706	29	13,141	4,765	2,104,869	282	59,351	35	2,189	1,039	591,387	20	6,141	6	624	5,315,486	11,331,455	82
409	333,957	24	9,214	4,218	1,926,915	61	11,232	80	6,707	292	158,594	15	6,037			12,286,940	17,361,219	83
18	8,141			88	20,650			1	104							120,230	183,180	84
396	350,248	74	30,125	2,613	1,321,416	269	63,645	28	3,762	491	259,534	310	80,392	2	76	3,962,130	7,216,580	85
36	16,440			119	29,937	10	1,000			1	336	3	480			181,618	281,381	86
18	7,786			37	5,615					1	500					62,095	91,724	87
75	31,828			203	50,445	5	430	9	936	1	250					238,970	390,454	88
19	8,743	4	1,190	41	11,304	9	1,672									53,035	99,045	89
196	141,574	24	10,066	891	394,724	78	9,251	44	3,147	116	41,557	7	1,648	2	400	1,401,682	2,507,287	90
184	136,926	17	5,230	869	350,980	33	7,388	28	3,028	70	40,988	3	1,350			1,478,521	4,373,651	91
21	11,439	1	416	194	54,099	1	312	19	1,564	28	7,805	5	1,000	3	217	270,599	450,271	92
199	118,809	17	9,193	792	255,545	295	27,532	268	10,006	91	33,674	39	6,996			1,141,311	2,059,784	93
21	12,889			119	44,950	1	208	10	1,190	55	14,850	39	6,200			257,256	394,444	94
90	70,699	9	2,941	431	197,822	36	7,643	18	1,687	94	61,515					436,391	1,015,055	95
75	27,914			214	62,351	5	292	5	200	17	6,450					616,629	802,628	96
22	10,143			106	34,170	56	10,787	3	195	7	1,180					141,673	241,007	97
47	27,556	1	300	245	79,781	4	660	8	1,133							420,752	641,317	98
200	142,900	9	3,549	1,059	490,532	35	9,970	25	5,210	40	18,697	12	2,307			1,517,617	2,793,333	99
375	311,635	31	16,474	3,296	1,921,984	106	25,254	82	10,154	109	63,061	1	520			10,321,944	14,902,690	100
20	6,304			75	14,838	7	400	2	320	1	150					69,951	118,511	101
360	314,394	50	21,891	3,764	1,870,182	780	204,980	79	14,223	284	147,122	234	48,533			4,640,943	9,632,703	102
43	19,792			128	37,868	3	884	8	582	3	1,200					91,691	218,827	103

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY INDIANA.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	12,354	$131,605,366	$62,623,201	$11,327,139	$20,252,707	$31,043,355	$68,982,165	$16,500,903	124,349	$51,749,976
2	Agricultural implements	54	6,842,456	1,474,179	263,560	599,805	610,808	5,368,277	629,381	3,394	1,765,037
3	Awnings, tents, and sails	4	9,764	3,490	1,000	1,500	990	6,274	3,100	21	9,200
4	Bagging, flax, hemp, and jute	3	330,687	194,000	7,000	25,000	162,000	136,687	5,804	372	103,583
5	Baking and yeast powders	9	38,650	4,795			4,795	33,855	4,781	37	17,138
6	Baskets and rattan and willow ware	9	15,700	9,735	420	5,050	4,265	5,965	2,163	78	27,371
7	Belting and hose, leather	3	58,100	28,500	15,000	8,000	5,500	29,600	2,015	17	13,990
8	Bicycle and tricycle repairing	3	1,480	1,050			1,050	430	304	10	5,099
9	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	1,211	1,005,169	609,601	218,727	244,420	146,454	395,568	64,344	1,808	785,870
10	Bookbinding and blank-book making. (See also Printing and publishing.)	12	121,210	79,600	20,000	23,000	36,600	41,610	10,406	135	57,658
11	Boots and shoes, custom work and repairing.	667	385,344	253,558	96,300	104,618	52,640	131,786	52,509	1,014	419,779
12	Boots and shoes, factory product	6	98,065	39,645	2,300	13,500	23,845	58,420	3,768	186	67,205
13	Bottling. (See also Liquors, malt; Mineral and soda waters.)	13	130,800	84,030	25,700	31,800	26,530	46,770	5,932	73	39,946
14	Boxes, cigar	5	18,420	11,200	2,300	2,800	6,100	7,220	1,469	50	14,080
15	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	8	27,400	15,125	1,500	3,900	9,725	12,275	2,584	114	26,463
16	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	9	85,185	50,055	13,620	17,780	18,675	35,130	5,199	147	54,735
17	Brass castings and brass finishing	5	22,364	7,425		500	6,925	14,939	3,518	40	19,147
18	Bread and other bakery products	264	795,325	583,204	189,867	241,367	151,970	212,121	84,306	1,025	504,420
19	Brick and tile. (See also Clay and pottery products.)	764	3,181,744	2,067,451	628,463	691,525	747,463	1,114,293	175,084	6,137	1,317,120
20	Brooms and brushes	59	106,617	46,522	7,310	22,480	16,732	60,095	9,940	342	101,670
21	Carpentering	524	1,161,473	362,313	123,720	123,970	114,623	799,160	727,480	3,357	1,762,066
22	Carpets, rag	29	11,069	6,777	1,400	1,885	3,492	4,292	2,634	52	16,591
23	Carriage and wagon materials	38	1,026,476	697,903	100,450	193,317	404,136	928,573	100,748	1,926	700,038
24	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	394	10,458,432	2,831,357	919,911	1,375,186	536,260	7,627,075	520,414	5,043	2,284,807
25	Cars and general shop construction and repairs by steam railroad companies.	48	3,929,805	2,189,801	355,750	1,093,135	740,916	1,740,004		6,729	3,368,251
26	Cars, steam railroad, not including operations of railroad companies.	4	5,199,706	1,971,530	329,430	905,650	736,450	3,228,176	150,782	3,344	1,587,021
27	Cheese and butter, urban dairy product	3	9,925	5,850	800	1,000	4,050	4,075	1,165	25	10,822
28	Cheese, butter, and condensed milk, factory product	52	129,414	94,325	8,183	45,595	40,547	35,089	5,888	187	70,747
29	Chemicals. (See also Fertilizers; Paints; Varnish.)	6	162,724	77,275	12,500	36,700	28,075	85,449	43,571	138	85,902
30	Clay and pottery products. (See also Brick and tile.)	20	266,020	147,150	38,950	73,500	34,700	118,870	18,598	359	165,164
31	Clothing, men's, custom work and repairing.	346	1,278,951	274,291	95,115	133,660	45,516	1,004,660	124,870	2,408	1,213,622
32	Clothing, men's, factory product	22	1,115,219	141,046	39,300	39,000	62,746	974,173	120,830	1,945	518,998
33	Clothing, women's, dressmaking	434	171,874	110,417	31,700	42,325	36,392	61,457	44,181	1,636	408,520
34	Clothing, women's, factory product	3	18,360	4,260	500	700	3,060	14,100	1,188	56	13,944
35	Coffee and spice, roasting and grinding	12	485,235	194,896	33,500	79,000	82,396	290,339	16,825	124	76,794
36	Coffins and burial cases, trimming and finishing.	39	90,222	23,785	7,235	10,050	6,500	66,437	5,710	59	36,405
37	Coffins, burial cases, and undertakers' goods.	8	807,144	270,260	62,140	136,000	72,111	536,884	66,677	387	199,796
38	Coke	3	48,930	48,700	1,500	2,500	44,700	230	290	22	8,164
39	Confectionery	74	594,890	248,395	65,250	83,500	99,645	346,504	109,560	812	332,902
40	Cooperage	170	973,169	362,920	103,485	128,025	131,410	610,249	104,622	2,139	848,043
41	Corsets	4	23,510	3,700			3,700	19,810	1,200	26	7,735
42	Cotton goods. (See also Hosiery and knit goods.)	6	1,744,720	1,158,447	39,600	413,677	705,270	586,273	73,941	1,325	332,676
43	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	14	235,166	147,980	30,400	45,800	71,780	87,186	15,978	199	113,674
44	Dentistry, mechanical	67	63,682	35,404	8,345	6,090	20,969	28,278	8,391	80	41,751
45	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	4	4,075	350			350	3,725	562	9	4,222
46	Dyeing and cleaning	28	33,789	25,455	9,000	6,750	9,705	8,334	7,753	99	45,015
47	Electroplating	4	18,650	13,150	1,500	2,500	9,150	6,500	2,211	24	11,372
48	Engraving, wood	5	6,531	3,160			3,160	3,371	1,034	10	11,271
49	Fancy articles, not elsewhere specified	4	10,500	1,000			1,000	9,500	891	35	10,898
50	Fertilizers. (See also Chemicals.)	5	86,120	23,050	6,500	8,650	7,900	63,070	7,215	32	16,592
51	Flouring and grist mill products	723	10,022,173	7,083,517	893,408	1,985,025	4,205,084	2,938,656	723,134	3,640	1,606,892

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

INDIANA.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
12731	$8,742,523	1,028	$430,195	82,650	$34,068,840	6,847	$1,429,496	2,968	$375,257	12310	$5,661,209	5,468	$1,008,791	347	$33,665	$130,119,106	$226,825,082	1
307	320,875	9	3,346	2,042	927,770	28	5,718	73	11,569	935	496,359	.....	.....	.....	.....	2,305,390	5,755,131	2
6	4,814	.....	.....	5	2,720	10	1,666	.....	.....	.....	.....	.....	.....	.....	.....	11,457	29,545	3
7	6,681	.....	.....	147	52,850	173	38,202	45	5,850	.....	.....	.....	.....	.....	.....	313,126	497,653	4
9	5,854	.....	.....	18	9,328	10	1,956	.....	.....	.....	.....	.....	.....	.....	.....	49,897	100,260	5
9	5,660	1	835	22	10,436	.....	.....	15	2,340	11	3,628	20	4,472	.....	.....	13,110	46,920	6
7	5,450	.....	.....	10	8,540	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69,548	98,100	7
5	2,184	.....	.....	5	2,915	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,045	6,900	8
1,050	493,300	.....	.....	700	275,509	1	50	13	2,035	44	14,976	.....	.....	.....	.....	423,565	1,537,702	9
14	14,248	2	800	52	29,140	44	9,336	16	2,634	.....	.....	7	1,500	.....	.....	56,697	142,700	10
513	228,690	2	431	272	108,752	11	2,144	8	899	200	76,625	6	2,138	2	100	288,427	888,564	11
12	9,976	1	150	115	42,207	40	9,290	3	202	9	4,320	6	1,060	.....	.....	90,157	179,936	12
14	12,814	1	600	57	26,272	1	260	.....	.....	.....	.....	.....	.....	.....	.....	133,320	221,965	13
6	4,576	.....	.....	12	4,296	18	2,405	7	983	.....	.....	7	1,820	.....	.....	18,783	39,660	14
4	2,765	2	860	23	8,743	30	6,574	3	312	.....	.....	52	7,209	.....	.....	26,866	67,306	15
12	9,306	.....	.....	82	30,846	30	3,456	7	827	16	10,300	.....	.....	.....	.....	110,498	179,784	16
10	5,840	.....	.....	30	13,307	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36,683	62,236	17
253	178,415	32	8,448	651	300,480	72	15,123	17	1,953	.....	.....	.....	.....	.....	.....	1,342,203	2,282,818	18
535	180,913	3	750	4,997	1,016,862	10	709	189	16,089	381	99,807	4	280	18	1,710	449,195	2,829,033	19
53	22,791	.....	.....	138	49,062	55	10,015	44	6,028	36	11,309	16	2,465	.....	.....	184,914	352,885	20
472	321,899	3	618	2,826	1,423,934	4	458	11	708	41	15,049	.....	.....	.....	.....	2,899,350	6,162,181	21
20	8,077	8	2,367	8	2,948	4	925	.....	.....	7	1,650	5	624	.....	.....	11,749	36,048	22
67	61,622	3	1,284	1,728	601,153	9	2,156	55	7,718	64	26,105	.....	.....	.....	.....	1,137,132	2,282,810	23
509	371,692	26	11,893	3,728	1,578,399	50	14,284	31	5,182	691	300,930	8	2,427	.....	.....	3,671,302	8,248,873	24
115	93,363	1	600	5,682	2,925,327	13	4,242	2	385	916	344,334	.....	.....	.....	.....	3,904,281	7,289,382	25
33	50,400	1	480	2,585	1,307,621	.....	.....	65	12,120	560	216,400	.....	.....	.....	.....	4,924,342	7,073,329	26
4	2,860	.....	.....	16	7,462	.....	.....	.....	.....	5	500	.....	.....	.....	.....	39,925	54,750	27
32	14,327	.....	.....	143	51,245	4	1,175	.....	.....	8	4,000	.....	.....	.....	.....	299,599	402,556	28
23	35,115	.....	.....	62	31,907	51	18,208	.....	.....	2	672	.....	.....	.....	.....	161,031	337,298	29
32	30,787	.....	.....	245	110,994	41	8,058	.....	.....	27	13,141	14	2,184	.....	.....	65,456	313,421	30
320	246,336	8	4,610	382	235,688	232	58,294	9	1,380	1,017	550,309	433	115,339	7	1,666	1,279,690	3,098,316	31
65	68,040	6	2,850	113	59,813	227	64,124	13	3,010	117	30,585	1,402	290,376	2	200	1,611,258	2,570,179	32
2	2,780	416	177,460	5	1,960	1,135	216,271	4	392	.....	.....	74	9,657	.....	.....	400,330	980,700	33
3	1,500	2	504	3	2,944	9	1,300	4	416	.....	.....	35	7,280	.....	.....	15,157	34,666	34
41	42,920	2	600	50	25,868	28	6,806	.....	.....	.....	.....	3	600	.....	.....	1,337,690	1,523,010	35
41	27,903	.....	.....	18	8,502	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	115,449	180,598	36
42	36,570	.....	.....	297	141,157	19	4,229	.....	.....	27	17,362	2	478	.....	.....	234,104	591,709	37
.....	.....	.....	.....	18	6,900	.....	.....	.....	.....	4	1,264	.....	.....	.....	.....	20,133	25,922	38
142	104,162	21	6,260	305	149,479	187	41,019	26	4,410	15	5,212	112	21,960	4	400	1,035,596	1,807,782	39
131	83,107	.....	.....	1,046	401,926	.....	.....	53	6,431	904	355,767	.....	.....	5	812	1,729,147	2,958,197	40
3	3,300	2	768	3	941	15	2,326	.....	.....	.....	.....	3	400	.....	.....	4,550	23,900	41
16	22,334	.....	.....	325	123,728	616	135,170	235	26,544	.....	.....	133	24,900	.....	.....	919,566	1,350,425	42
18	16,350	.....	.....	140	76,652	2	390	.....	.....	39	19,682	.....	.....	.....	.....	68,799	244,975	43
70	38,311	.....	.....	10	3,440	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,698	81,334	44
6	3,230	.....	.....	1	780	2	312	.....	.....	.....	.....	.....	.....	.....	.....	5,280	10,460	45
20	14,894	5	2,087	37	19,820	34	7,852	2	312	1	50	.....	.....	.....	.....	13,036	79,612	46
3	2,456	.....	.....	19	8,760	.....	.....	1	52	1	104	.....	.....	.....	.....	7,905	24,518	47
5	4,821	.....	.....	13	6,800	.....	.....	1	350	.....	.....	.....	.....	.....	.....	1,079	15,800	48
2	3,780	1	638	5	1,750	21	4,210	.....	.....	.....	.....	6	520	.....	.....	13,850	33,600	49
8	7,130	.....	.....	26	9,462	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	155,945	216,812	50
844	516,548	11	4,130	2,716	1,064,132	14	3,241	7	900	47	17,916	1	25	.....	.....	26,603,127	81,239,627	51

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

INDIANA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
52	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	206	$9,163,357	$3,857,508	$795,910	$1,268,226	$1,793,372	$5,305,849	$490,140	6,417	$3,245,485
53	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	11	419,253	168,366	22,066	80,600	65,700	250,887	29,811	2,020	181,698
54	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	90	142,132	65,420	15,375	28,750	21,295	76,712	13,959	234	108,945
55	Furniture, chairs	25	560,438	253,401	53,731	122,224	77,446	307,037	41,590	1,191	374,811
56	Furniture, factory product	106	5,247,154	1,805,492	329,077	753,541	722,874	3,441,662	447,672	5,305	2,386,793
57	Gas, illuminating and heating	33	3,014,226	2,759,175	134,100	249,300	2,375,775	255,051	110,120	334	201,035
58	Glass	21	3,556,563	2,625,300	195,000	879,794	1,550,506	931,263	360,384	3,089	1,544,831
59	Glue	3	93,815	28,170	.....	.....	28,170	65,645	10,250	66	29,944
60	Grease and tallow. (See also Soap and candles.)	8	37,433	12,425	700	2,200	9,525	25,008	5,534	36	19,099
61	Hairwork	4	2,095	140	.....	.....	140	1,955	1,060	13	4,056
62	Hand stamps	5	10,800	5,800	.....	.....	5,800	5,000	1,717	17	8,575
63	Hay and straw, baling	4	6,347	5,000	900	1,100	3,000	1,347	163	16	3,527
64	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	9	716,989	305,209	38,000	76,446	190,763	411,780	70,437	962	207,519
65	House furnishing goods, not elsewhere specified.	3	118,154	61,550	15,600	25,950	20,660	56,604	8,268	90	33,220
66	Ice, artificial	3	233,500	228,000	24,000	34,000	170,000	5,500	8,426	77	31,550
67	Iron and steel	10	2,335,110	1,320,838	153,772	220,095	946,971	1,014,278	141,600	1,816	927,011
68	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	513,979	340,482	40,660	58,313	241,509	173,497	33,079	635	175,048
69	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	19	413,292	165,486	64,550	42,160	58,830	247,806	15,129	400	208,842
70	Leather, tanned and curried	46	780,757	239,153	51,014	116,780	71,359	541,664	33,074	357	173,360
71	Lightning rods	3	157,594	21,190	1,500	7,740	11,950	136,404	5,526	48	20,263
72	Lime and cement	34	1,005,390	854,040	377,880	323,620	152,540	151,350	61,451	807	272,655
73	Liquors, distilled	17	1,626,825	833,585	110,185	352,475	370,925	793,240	4,721,785	195	83,813
74	Liquors, malt. (See also Bottling.)	37	4,580,030	2,931,418	423,590	1,423,103	1,084,725	1,657,612	1,203,239	980	702,605
75	Lock and gun smithing	47	48,752	37,350	18,375	9,750	9,225	11,402	5,478	66	31,037
76	Looking-glass and picture frames	21	96,410	37,340	7,000	18,000	12,340	59,070	7,468	134	62,915
77	Lumber and other mill products from logs or bolts.	1,603	11,238,573	5,534,681	1,436,882	842,495	3,255,304	5,703,892	616,250	15,822	4,773,752
78	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	178	3,186,467	1,437,132	376,887	405,159	655,086	1,749,335	165,950	2,381	1,196,112
79	Marble and stone work. (See also Monuments and tombstones.)	36	218,378	98,510	29,725	15,475	53,310	119,868	12,776	340	187,473
80	Masonry, brick and stone. (See also Plastering and stuccowork.)	185	423,722	99,302	31,255	33,085	34,962	324,420	48,666	1,877	1,625,812
81	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	18	59,078	30,353	10,100	13,150	7,103	28,725	3,415	110	88,610
82	Millinery, custom work	271	495,683	150,440	67,725	67,125	15,590	345,243	70,444	927	270,355
83	Mineral and soda waters. (See also Bottling.)	35	155,184	126,300	22,900	28,750	74,650	28,884	22,900	137	60,773
84	Models and patterns	6	6,570	5,300	350	500	4,450	1,270	1,086	15	9,583
85	Monuments and tombstones. (See also Marble and stone work.)	108	354,243	98,667	45,450	36,520	16,697	255,576	26,519	409	220,910
86	Musical instruments and materials, not specified.	4	117,145	51,965	8,300	8,300	35,365	65,180	25,550	109	60,101
87	Musical instruments, organs and materials.	5	188,008	120,600	6,600	65,900	48,100	67,408	2,390	47	27,700
88	Musical instruments, pianos and materials.	3	97,590	16,550	2,000	10,000	4,550	81,040	12,019	134	65,992
89	Oil, linseed	3	286,200	99,000	12,000	37,500	49,500	187,200	18,057	53	34,560
90	Painting and paper hanging	265	399,351	121,170	55,675	36,415	29,080	278,181	45,574	1,313	724,010
91	Paints. (See also Chemicals; Varnish.)	5	36,150	14,350	1,450	4,100	8,800	21,800	5,197	41	16,391
92	Paper. (See also Pulp, wood.)	22	1,307,805	1,067,913	130,850	245,550	691,513	239,802	111,071	718	328,356
93	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	38	169,968	52,920	9,800	16,500	26,620	117,048	51,394	286	116,666
94	Paving and paving materials	21	123,310	66,036	17,009	6,075	42,952	57,274	8,692	285	88,171
95	Photography	131	188,322	128,269	17,920	24,459	85,890	60,053	38,793	324	199,477
96	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	5	15,625	8,175	425	2,150	5,600	7,450	1,268	31	9,464

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

INDIANA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
489	$466,366	24	$11,876	5,404	$2,545,768	4	$1,395	33	$5,408	463	$211,672	.....	.....	.....	.....	$4,018,760	$9,542,499	52
31	10,765	.....	.....	342	54,972	377	26,981	154	6,560	111	28,275	950	$51,550	65	$3,595	581,015	885,145	53
86	49,668	.....	.....	113	46,494	12	2,502	6	1,191	17	8,890	1	200	.....	.....	99,887	271,499	54
59	50,804	4	1,750	570	223,208	50	8,728	45	6,554	197	62,931	176	17,336	90	3,500	262,875	819,805	55
333	* 285,300	4	1,515	3,883	1,634,572	37	7,686	141	21,230	862	411,498	40	23,157	5	1,835	3,002,264	6,842,845	56
52	55,673	3	950	279	145,012	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	170,023	873,750	57
67	69,680	12	6,002	1,719	631,306	135	14,611	180	19,274	914	790,798	62	13,200	.....	.....	865,374	2,995,409	58
5	6,900	.....	.....	55	22,380	.....	.....	6	664	.....	.....	.....	.....	.....	.....	65,500	131,722	59
9	7,349	.....	.....	27	11,750	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,518	79,281	60
2	1,540	2	400	.....	.....	9	2,116	.....	.....	.....	.....	.....	.....	.....	.....	2,504	9,378	61
3	2,780	.....	.....	12	5,337	.....	.....	1	208	.....	.....	1	250	.....	.....	3,644	19,379	62
4	627	.....	.....	12	2,900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,330	19,250	63
26	29,421	1	360	111	46,757	133	26,150	22	2,300	170	28,000	460	70,991	39	3,600	408,195	827,104	64
9	7,720	.....	.....	61	21,480	10	2,520	10	1,500	.....	.....	.....	.....	.....	.....	54,271	123,200	65
5	3,700	.....	.....	72	27,850	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,025	98,178	66
50	77,123	2	1,000	1,750	846,438	.....	.....	14	2,450	.....	.....	.....	.....	.....	.....	1,871,365	3,063,853	67
11	12,070	.....	.....	574	155,778	.....	.....	50	7,200	.....	.....	.....	.....	.....	.....	488,372	695,083	68
46	39,653	5	1,920	328	155,281	.....	.....	10	2,288	11	9,700	.....	.....	.....	.....	284,383	650,676	69
36	28,764	.....	.....	280	118,285	.....	.....	1	75	39	26,216	.....	.....	1	40	911,834	1,241,306	70
9	7,520	1	400	33	10,538	.....	.....	1	145	4	1,660	.....	.....	.....	.....	67,968	120,157	71
39	24,914	.....	.....	758	246,163	.....	.....	4	428	6	1,150	.....	.....	.....	.....	235,914	778,212	72
28	22,704	.....	.....	107	61,109	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	711,111	5,840,129	73
118	185,064	3	1,234	836	510,291	13	2,688	16	3,328	.....	.....	.....	.....	.....	.....	1,144,002	3,837,844	74
45	22,686	.....	.....	20	8,126	.....	.....	1	225	.....	.....	.....	.....	.....	.....	9,699	56,848	75
25	16,359	1	416	88	42,247	12	2,563	7	1,180	1	150	.....	.....	.....	.....	62,162	177,399	76
1,325	678,149	12	2,869	13,227	3,816,730	146	34,445	258	36,831	717	285,886	93	13,752	44	5,090	10,568,376	19,964,293	77
255	191,113	4	1,625	2,073	991,628	1	234	16	1,397	32	10,117	.....	.....	.....	.....	2,722,702	4,787,974	78
47	38,394	.....	.....	293	149,079	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	223,062	508,922	79
185	143,051	.....	.....	1,689	882,373	.....	.....	2	188	1	200	.....	.....	.....	.....	1,348,792	2,716,977	80
17	10,152	.....	.....	40	16,913	9	2,020	27	3,401	5	3,000	2	624	10	2,500	59,735	120,773	81
20	14,233	239	105,170	3	1,714	648	147,510	12	200	.....	.....	5	1,528	.....	.....	658,591	1,178,410	82
41	27,531	.....	.....	79	30,816	.....	.....	16	2,026	1	400	.....	.....	.....	.....	46,511	174,133	83
6	5,088	.....	.....	9	4,495	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,484	15,280	84
118	74,214	1	600	276	144,934	1	312	1	150	3	700	.....	.....	.....	.....	353,233	780,250	85
9	6,070	4	1,600	60	33,131	.....	.....	5	800	31	18,500	.....	.....	.....	.....	25,678	136,636	86
7	6,300	.....	.....	34	18,975	.....	.....	4	325	2	2,100	.....	.....	.....	.....	32,150	162,573	87
8	7,650	1	300	33	26,218	.....	.....	.....	.....	77	26,400	15	5,424	.....	.....	84,703	179,805	88
11	16,150	.....	.....	40	17,660	.....	.....	.....	.....	2	750	.....	.....	.....	.....	547,319	638,938	89
259	170,756	2	510	906	477,287	11	4,440	7	1,352	128	69,665	.....	.....	.....	.....	528,757	1,506,684	90
7	2,263	.....	.....	29	12,928	5	1,200	.....	.....	.....	.....	.....	.....	.....	.....	99,190	139,075	91
36	35,695	3	2,136	583	269,418	73	15,584	10	1,930	11	2,954	2	639	.....	.....	809,490	1,588,705	92
51	40,954	4	1,158	65	34,220	78	14,800	.....	.....	51	20,050	29	5,350	2	125	139,061	450,644	93
22	10,570	.....	.....	259	75,061	.....	.....	.....	.....	4	2,540	.....	.....	.....	.....	118,222	276,744	94
130	110,649	13	6,914	114	60,587	57	18,446	3	360	5	2,078	2	443	.....	.....	106,755	424,359	95
5	2,656	.....	.....	13	5,005	11	1,723	2	80	.....	.....	.....	.....	.....	.....	28,280	44,730	96

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

INDIANA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
97	Plastering and stuccowork. (See also Masonry, brick and stone.)	78	$52,479	$18,135	$3,710	$6,685	$7,740	$34,344	$6,664	412	$210,923
98	Plumbing and gas fitting	88	403,437	119,600	43,175	29,500	46,925	283,837	35,717	778	427,513
99	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	73	762,442	451,681	11,800	7,700	432,181	310,761	60,897	893	468,297
100	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	505	2,506,675	1,751,633	123,510	158,650	1,469,473	755,042	540,595	3,251	1,631,819
101	Pulp, wood	7	205,470	183,500	23,500	56,700	103,300	21,970	22,961	136	57,050
102	Pumps, not including steam pumps	27	306,070	96,937	22,325	30,212	44,400	209,133	22,679	213	101,936
103	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	106	283,632	113,190	39,160	33,600	40,430	170,442	23,740	427	232,249
104	Saddlery and harness	387	1,221,882	397,628	118,232	158,813	120,583	824,254	74,518	1,494	614,961
105	Scales and balances	3	16,650	2,850	----	----	2,850	13,800	840	19	15,136
106	Sewing machine repairing	3	925	200	----	----	200	725	185	4	1,484
107	Shipbuilding	11	371,860	103,545	53,850	26,400	23,295	268,315	7,722	551	253,733
108	Shirts. (See also Furnishing goods, men's.)	12	182,114	56,670	6,500	25,000	25,170	125,444	6,970	678	186,292
109	Slaughtering and meat packing, wholesale. (See also Sausage.)	12	1,694,280	565,444	80,300	406,209	78,935	1,128,836	150,369	1,173	522,042
110	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	9	3,651,975	1,128,416	63,200	543,396	521,820	2,523,559	1,207,864	1,076	635,621
111	Soap and candles. (See also Grease and tallow.)	13	180,550	117,300	12,900	55,200	49,200	63,250	13,608	119	55,400
112	Springs, steel, car and carriage	3	103,649	22,709	1,000	500	21,209	80,940	8,869	91	47,958
113	Starch	8	894,800	600,500	64,000	310,000	226,500	294,300	71,732	690	251,740
114	Stationery goods, not elsewhere specified.	4	35,691	4,928	----	----	4,928	30,763	2,804	58	16,743
115	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	5	142,460	59,600	17,000	25,000	17,600	82,860	6,064	87	51,896
116	Sugar and molasses, refining	42	45,998	25,680	6,190	5,850	13,640	20,318	3,988	156	14,721
117	Timber products, not manufactured at mill.	30	148,897	78,423	45,316	----	33,107	70,474	12,862	547	168,367
118	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	247	839,912	379,382	122,960	141,255	115,167	460,530	51,252	936	433,290
119	Tobacco, cigars and cigarettes	346	732,740	176,357	67,857	69,630	38,870	556,383	248,310	1,595	683,183
120	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	5	37,425	22,075	3,300	3,200	15,575	15,350	806	44	21,964
121	Trunks and valises	8	23,520	1,470	----	----	1,470	22,050	5,903	47	27,202
122	Umbrellas and canes	4	1,515	240	----	----	240	1,275	540	6	2,237
123	Upholstery materials. (See also Woolen goods.)	8	83,203	37,711	6,150	10,713	20,848	45,492	6,446	93	44,316
124	Varnish. (See also Paints.)	3	188,858	40,421	3,640	20,371	16,410	148,437	39,717	35	33,940
125	Vinegar and cider	35	60,746	34,019	6,180	11,195	16,644	26,727	2,853	119	17,221
126	Washing machines and clothes wringers.	16	152,980	46,000	6,765	8,550	30,685	106,980	8,458	178	80,185
127	Watch, clock, and jewelry repairing. (See also Jewelry.)	164	126,760	75,660	16,250	21,100	38,310	51,100	19,308	262	143,161
128	Windmills	10	543,945	112,596	26,000	39,700	46,896	431,349	42,969	196	104,359
129	Window shades	4	6,040	170	----	----	170	5,870	304	9	3,520
130	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	18	189,931	48,018	4,870	17,040	26,108	141,913	41,673	91	39,381
131	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	23	917,484	419,280	29,550	127,730	262,000	498,204	36,727	609	288,045
132	Woodenware, not elsewhere specified	5	182,250	72,050	10,050	31,500	30,500	110,200	12,268	266	116,365
133	Woolen goods. (See also Felt goods; Gloves and mittens; Hosiery and knit goods.)	45	2,880,114	1,365,705	83,437	366,859	915,499	1,514,319	232,105	2,103	600,062
134	All other industries (*a*)	75	3,406,791	1,482,288	236,820	500,919	744,549	1,924,503	289,194	3,016	1,390,433

a Embraces artificial limbs, 2; artists' materials, 1; bellows, 1; bells, 1; bicycles and tricycles, 1; bluing, 2; boot and shoe uppers, 2; bridges, 2; cars and general shop construction and repairs by street railroad companies, 1; cleansing and polishing preparations, 1; clothing, horse, 1; electrical apparatus and supplies, 2; engraving and diesinking, 1; felt goods, 1; files, 1; flavoring extracts, 2; food preparations, 2; furnishing goods, men's, 2; gas and lamp fixtures, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 2; hardware, 1; hats and caps, not including wool hats, 1; instruments, professional and scientific, 1; iron and steel, bolts, nuts, washers, and rivets, 2; jewelry, 2; liquors, vinous, 1; malt, 2; mats and matting, 1; millinery and lace goods, 1; mucilage

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

INDIANA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																		
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
68	$46,052	.....	.....	339	$163,271	.....	.....	.....	.....	5	$1,600	.....	.....	.....	.....	$145,846	$429,609	97
118	96,888	2	$1,080	646	326,530	.....	.....	6	$1,240	6	1,775	.....	.....	.....	.....	666,270	1,305,985	98
111	110,152	5	1,936	595	307,656	133	$36,215	33	4,693	16	7,645	.....	.....	.....	.....	369,580	1,059,962	99
578	471,249	45	17,187	1,747	847,732	300	79,918	261	28,992	284	175,291	36	$11,450	.....	.....	774,429	3,589,513	100
10	7,530	.....	.....	126	49,520	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63,830	187,311	101
44	33,516	1	156	161	67,177	.....	.....	1	50	6	1,037	.....	.....	.....	.....	182,978	421,870	102
84	59,074	4	1,190	328	170,470	2	260	9	1,255	.....	.....	.....	.....	.....	.....	371,596	720,885	103
315	180,406	2	750	766	311,463	2	260	21	2,736	388	119,346	.....	.....	.....	.....	991,289	1,967,951	104
5	6,424	1	250	13	8,462	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,748	26,840	105
2	820	.....	.....	2	664	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	570	2,350	106
8	6,794	.....	.....	543	246,939	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	204,229	551,640	107
12	10,096	5	1,250	35	21,084	47	13,268	.....	.....	.....	.....	579	140,594	.....	.....	253,711	518,615	108
59	45,859	4	960	959	440,843	100	24,640	34	5,184	.....	.....	17	4,556	.....	.....	5,878,918	6,924,801	109
79	92,740	.....	.....	997	542,881	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,546,552	20,989,039	110
33	24,694	3	1,800	64	24,966	8	2,470	9	1,270	.....	.....	.....	.....	2	$200	198,097	325,202	111
7	6,726	2	650	27	13,800	.....	.....	.....	.....	50	26,000	.....	.....	5	780	79,615	179,906	112
32	33,045	.....	.....	521	190,289	89	20,840	22	1,931	3	575	23	5,060	.....	.....	1,062,221	1,580,543	113
7	5,020	1	500	13	5,356	33	5,261	.....	.....	.....	.....	4	600	.....	.....	37,008	65,957	114
9	13,648	1	200	77	38,045	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43,979	127,400	115
31	5,542	.....	.....	99	8,440	13	467	13	272	.....	.....	.....	.....	.....	.....	166,204	200,302	116
11	4,905	.....	.....	353	115,522	.....	.....	.....	.....	183	47,940	.....	.....	.....	.....	59,525	313,730	117
201	123,222	6	2,226	573	281,764	5	1,050	92	10,319	59	14,709	.....	.....	.....	.....	671,534	1,431,396	118
301	172,099	3	1,585	265	93,796	40	7,884	62	8,826	677	342,977	217	52,225	30	3,791	671,665	1,835,712	119
6	4,900	.....	.....	23	10,490	.....	.....	1	156	14	6,418	.....	.....	.....	.....	11,319	36,800	120
8	8,980	.....	.....	32	16,512	.....	.....	.....	.....	7	1,710	.....	.....	.....	.....	24,785	68,925	121
2	1,400	.....	.....	2	612	2	225	.....	.....	.....	.....	.....	.....	.....	.....	4,887	7,790	122
10	9,970	1	300	65	25,760	6	1,584	2	200	9	6,502	.....	.....	.....	.....	78,813	161,642	123
11	16,100	.....	.....	24	17,840	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	154,975	299,401	124
22	5,567	.....	.....	88	11,439	6	259	3	56	.....	.....	.....	.....	.....	.....	48,593	92,892	125
30	17,429	1	400	115	49,766	.....	.....	4	450	28	12,140	.....	.....	.....	.....	131,238	294,130	126
113	64,186	.....	.....	142	76,194	1	500	1	156	5	2,125	.....	.....	.....	.....	51,454	267,634	127
32	23,550	2	1,150	149	72,074	3	1,645	.....	.....	10	5,940	.....	.....	.....	.....	201,710	517,714	128
.....	.....	.....	.....	6	2,740	3	780	.....	.....	.....	.....	.....	.....	.....	.....	6,500	11,500	129
18	14,652	4	2,050	59	21,439	.....	.....	5	1,040	.....	.....	5	200	.....	.....	218,380	329,785	130
30	23,261	2	700	495	239,993	22	4,120	18	1,750	42	18,221	.....	.....	.....	.....	351,380	913,524	131
10	16,050	.....	.....	192	75,614	12	2,500	19	3,001	31	18,850	2	350	.....	.....	100,135	324,793	132
99	83,442	7	2,887	774	268,334	752	151,845	108	10,389	18	4,912	343	77,953	2	300	1,850,809	2,989,182	133
158	164,978	12	6,974	1,983	948,621	186	32,888	221	39,052	379	180,860	55	13,039	24	3,421	2,910,211	5,344,109	134

and paste, 1; oil, essential, 1; optical goods, 2; paper goods, not elsewhere specified, 1; perfumery and cosmetics, 2; photographic materials, 1; printing and publishing, music, 1; refrigerators, 2; regalia and society banners and emblems, 1; rubber and elastic goods, 1; sausage, 1; saws, 2; sewing machine cases, 2; show cases, 1; soda water apparatus, 2; stamped ware, 1; stereotyping and electrotyping, 1; surgical appliances, 2; tobacco, chewing, smoking, and snuff, 1; tobacco, stemming and rehandling, 1; toys and games, 2; wheelbarrows, 2; wire, 1.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

INDIANA—Continued.

BY COUNTIES.

	COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	The State	12,354	$131,605,366	$62,623,201	$11,327,139	$20,252,707	$31,043,355	$68,982,165	$16,500,903	124,349	$51,749,976
2	Adams	168	517,917	308,726	63,283	75,630	169,813	209,191	40,016	797	227,157
3	Allen	342	7,710,073	3,191,088	757,182	1,147,894	1,286,012	4,518,985	366,383	6,724	2,901,644
4	Bartholomew	145	1,724,838	633,897	83,145	176,685	374,067	1,090,941	202,134	1,157	506,627
5	Benton	31	120,147	66,090	9,000	29,505	27,585	54,057	6,551	101	31,501
6	Blackford	92	260,771	149,140	21,540	30,230	97,370	111,631	17,668	470	124,272
7	Boone	61	258,335	183,660	23,300	45,720	114,640	74,675	13,268	308	93,635
8	Brown	30	41,572	34,357	4,830	5,937	23,590	7,215	2,166	116	24,038
9	Carroll	112	473,703	292,963	54,727	98,742	139,494	180,740	29,709	630	178,486
10	Cass	205	1,616,716	909,179	213,291	288,095	407,791	707,537	118,285	1,974	998,833
11	Clark	196	3,119,104	1,691,802	353,330	672,780	665,692	1,427,302	272,995	2,737	1,271,509
12	Clay	112	780,763	464,654	56,490	108,000	300,164	316,109	31,587	782	348,989
13	Clinton	126	613,475	343,701	62,115	108,804	172,782	269,774	43,303	695	267,739
14	Crawford	59	213,640	138,020	37,035	26,575	74,410	75,620	9,590	181	45,635
15	Daviess	91	719,529	564,040	68,090	280,665	215,279	146,489	20,690	805	321,541
16	Dearborn	358	3,190,694	1,374,675	183,505	648,723	541,847	1,816,619	1,141,186	2,458	1,075,692
17	Decatur	97	433,159	257,460	40,390	69,510	147,560	175,699	23,038	414	137,865
18	Dekalb	146	1,281,649	567,253	102,350	268,286	196,673	713,796	48,545	1,318	530,268
19	Delaware	226	1,984,916	1,081,714	198,695	289,387	603,232	903,202	182,188	3,046	1,186,431
20	Dubois	120	435,466	242,459	33,054	83,150	126,255	193,007	30,782	692	219,139
21	Elkhart	344	3,632,656	1,702,395	324,913	515,336	862,146	1,930,261	353,826	3,510	1,469,453
22	Fayette	76	1,187,935	363,350	23,995	161,150	178,205	824,585	84,284	1,183	545,959
23	Floyd	320	5,427,026	3,094,680	409,661	839,612	1,846,016	2,332,337	614,964	4,587	2,119,406
24	Fountain	105	329,331	200,694	30,942	63,917	105,835	128,637	20,629	474	188,695
25	Franklin	88	408,014	208,611	24,291	69,190	115,130	199,403	30,336	491	174,384
26	Fulton	53	257,360	180,110	34,550	35,215	110,345	77,250	13,350	245	72,786
27	Gibson	77	383,326	238,637	38,370	51,590	148,677	144,689	25,587	379	118,690
28	Grant	173	1,459,235	828,700	154,050	249,355	425,295	630,535	70,613	2,024	921,629
29	Greene	45	185,540	135,775	22,400	25,790	87,585	49,765	11,703	232	60,193
30	Hamilton	97	399,251	247,642	39,925	66,570	141,147	151,609	24,639	485	142,394
31	Hancock	95	406,428	269,557	50,760	53,118	165,679	136,871	36,820	448	139,805
32	Harrison	81	155,381	109,165	28,365	23,590	57,210	46,216	8,811	231	56,732
33	Hendricks	103	239,392	143,645	12,295	35,820	95,530	95,747	15,953	462	144,063
34	Henry	120	420,009	267,079	43,165	73,590	150,324	152,930	25,956	533	169,362
35	Howard	180	2,461,858	1,925,281	173,505	457,509	1,294,267	536,577	95,731	2,119	772,091
36	Huntington	278	1,445,341	1,066,018	406,634	382,945	276,439	379,323	103,124	1,697	642,229
37	Jackson	121	905,356	446,524	61,840	132,280	252,404	458,832	69,591	1,079	376,125
38	Jasper	27	511,880	361,105	25,545	190,895	144,665	150,775	707,944	111	41,859
39	Jay	126	512,245	292,188	53,360	79,800	159,028	220,057	38,297	783	310,672
40	Jefferson	188	2,716,868	1,268,055	117,162	495,424	655,469	1,448,813	135,881	2,363	851,692
41	Jennings	46	246,411	132,414	11,164	38,025	83,225	113,997	13,942	275	87,468
42	Johnson	98	836,379	488,200	64,160	209,975	214,065	348,179	67,461	1,384	273,014
43	Knox	168	1,387,062	734,731	84,738	219,777	430,216	652,331	111,536	1,356	509,445
44	Kosciusko	96	545,886	281,002	54,065	62,660	164,277	264,884	35,627	611	202,752
45	Lagrange	45	217,132	126,317	28,495	29,640	68,212	90,815	14,568	191	44,563
46	Lake	106	5,232,560	1,723,164	185,160	686,650	851,354	3,509,396	1,298,776	2,331	1,186,790
47	Laporte	276	4,788,545	1,796,589	261,107	641,546	893,936	2,991,956	371,142	3,351	1,356,877
48	Lawrence	42	104,441	65,915	14,965	14,765	36,245	38,526	10,454	171	43,895
49	Madison	257	2,155,140	1,306,154	178,320	309,351	818,483	848,986	219,698	2,371	1,077,527
50	Marion	1,290	16,125,139	7,194,530	1,391,838	2,286,358	3,516,334	8,930,609	2,137,171	19,487	9,450,586
51	Marshall	90	352,167	239,043	81,165	44,490	113,388	113,124	18,811	417	129,303
52	Martin	45	123,899	88,335	23,455	21,340	43,540	35,564	5,553	222	45,594
53	Miami	146	1,146,016	723,928	94,115	241,575	388,238	422,088	90,896	1,077	786,980
54	Monroe	56	358,156	148,450	25,228	46,650	76,572	209,706	27,052	457	148,546
55	Montgomery	155	805,958	362,913	58,814	120,826	183,273	443,045	46,636	1,010	371,488
56	Morgan	35	235,613	133,240	17,815	38,725	76,700	102,373	15,148	286	76,991
57	Newton	22	61,390	33,610	4,220	12,820	16,570	27,780	3,775	71	20,077
58	Noble	165	1,144,722	438,688	63,435	127,848	247,405	706,034	85,027	860	344,690
59	Ohio	10	46,951	30,100	15,000	4,050	11,050	16,851	1,658	45	12,436
60	Orange	49	102,794	79,835	15,575	13,940	50,320	22,959	6,139	152	35,131
61	Owen	47	94,847	64,187	4,543	18,663	40,981	30,660	4,220	132	46,556
62	Parke	67	177,554	91,815	12,455	23,450	55,910	85,739	10,978	292	90,305
63	Perry	123	1,072,240	613,470	53,070	226,810	333,590	458,770	56,558	1,171	356,624
64	Pike	40	141,638	102,482	6,857	24,680	70,945	39,156	7,995	190	47,166
65	Porter	88	446,628	300,796	41,760	112,550	146,480	145,838	22,496	357	148,554
66	Posey	119	685,432	336,375	48,120	81,630	206,625	349,057	57,567	714	272,069
67	Pulaski	24	65,700	54,720	6,665	19,980	28,075	10,980	3,330	81	26,103
68	Putnam	119	575,938	271,135	41,860	87,840	141,435	303,903	33,806	650	232,841
69	Randolph	101	498,306	297,129	48,225	87,953	160,951	201,177	26,161	584	190,849
70	Ripley	100	589,647	315,293	64,850	96,633	153,810	274,354	27,496	608	198,744
71	Rush	75	453,480	277,423	52,265	71,053	154,105	176,057	37,124	448	150,083

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

INDIANA—Continued.

BY COUNTIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecoworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
12,731	$8,742,523	1,028	$439,195	82,650	$34,068,840	6,847	$1,429,496	2,968	$375,257	12,310	$5,661,209	5,498	$1,008,791	347	$33,965	$130,119,106	$226,825,082	1
121	45,707	7	2,772	606	162,583	20	2,486	7	206	34	12,935	.....	.....	2	468	503,552	960,461	2
438	333,122	29	12,464	4,596	1,972,437	220	49,355	35	3,292	1,066	452,898	321	75,534	19	2,542	5,581,719	10,301,979	3
161	127,646	19	8,612	822	316,363	60	12,679	6	740	83	39,027	6	1,560	.....	.....	1,338,495	2,451,034	4
28	11,810	3	728	65	18,244	4	615	1	104	.....	.....	.....	.....	.....	.....	41,254	105,670	5
80	36,708	6	2,246	326	80,021	23	2,700	9	522	26	2,075	.....	.....	.....	.....	269,318	477,016	6
50	23,720	.....	.....	256	70,607	2	308	.....	.....	.....	.....	.....	.....	.....	.....	321,255	507,289	7
21	6,104	.....	.....	95	17,934	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58,897	104,212	8
106	50,376	2	512	477	120,271	4	757	19	2,030	18	3,965	4	575	.....	.....	302,493	604,963	9
217	164,149	13	8,041	1,388	688,912	136	28,201	21	3,036	176	109,545	21	5,749	2	200	1,436,632	2,897,204	10
163	107,425	20	9,088	2,019	1,025,556	34	5,672	59	10,361	408	195,121	34	6,686	.....	.....	2,969,593	4,894,096	11
78	43,821	6	2,524	631	286,843	22	4,799	16	1,690	27	8,532	2	780	.....	.....	831,842	1,353,010	12
106	71,360	8	3,248	503	171,220	45	8,538	1	52	27	12,704	5	538	.....	.....	936,447	1,473,684	13
58	19,301	1	240	118	25,874	.....	.....	4	220	.....	.....	.....	.....	.....	.....	151,493	273,664	14
81	42,484	3	1,116	620	253,618	10	1,744	3	150	87	22,325	.....	.....	1	104	533,144	1,017,123	15
394	277,364	49	19,992	1,499	622,245	141	27,904	77	10,598	232	107,531	60	9,578	6	570	2,391,220	5,080,570	16
77	36,655	.....	.....	303	91,488	2	300	5	432	22	8,240	4	700	1	50	432,019	676,954	17
156	94,136	5	1,784	1,020	399,714	33	6,766	22	2,857	59	22,537	13	2,474	.....	.....	917,901	1,759,784	18
222	134,176	18	7,666	1,895	670,503	285	50,669	153	20,222	421	294,545	51	8,300	1	350	1,717,318	3,601,795	19
128	55,570	3	650	492	152,180	8	648	34	3,401	24	6,132	.....	.....	3	468	495,676	896,205	20
369	241,860	70	21,278	2,250	933,508	233	53,998	54	6,257	291	116,247	243	46,365	.....	.....	3,021,185	5,604,842	21
104	80,264	8	3,016	923	404,193	34	7,080	19	2,596	93	48,390	2	420	.....	.....	1,044,917	1,988,889	22
296	241,932	58	26,394	2,953	1,363,063	296	61,512	133	14,870	503	331,563	339	79,022	9	1,050	3,509,064	6,719,303	23
68	38,286	1	215	313	111,671	2	500	11	2,650	73	25,173	1	200	.....	.....	283,144	587,148	24
90	49,393	2	1,500	337	111,625	16	3,256	19	2,800	14	5,400	13	400	.....	.....	434,195	736,717	25
39	21,821	.....	.....	180	46,597	15	2,194	3	198	3	1,056	5	920	.....	.....	235,039	384,856	26
74	34,342	1	100	268	77,495	1	198	.....	.....	33	6,630	.....	.....	2	15	801,002	1,088,997	27
196	146,963	16	7,982	1,495	599,692	81	15,465	58	7,042	178	143,885	.....	.....	.....	.....	1,295,123	3,032,800	28
41	18,460	.....	.....	173	44,178	1	250	4	600	13	5,705	.....	.....	.....	.....	216,981	354,711	29
50	21,609	1	416	384	111,326	17	3,624	27	4,094	6	1,325	.....	.....	.....	.....	454,582	733,423	30
103	49,958	2	910	337	87,609	3	560	1	208	2	560	.....	.....	.....	.....	288,859	545,447	31
51	18,524	.....	.....	175	37,516	.....	.....	2	92	3	600	.....	.....	.....	.....	146,151	259,277	32
80	39,428	.....	.....	370	102,151	3	464	2	350	5	1,370	2	300	.....	.....	370,334	618,035	33
89	39,481	.....	.....	433	127,148	1	75	6	1,010	13	1,648	.....	.....	.....	.....	532,762	922,342	34
199	129,439	12	3,862	1,437	533,699	63	10,458	101	9,541	130	56,372	157	25,660	20	3,120	1,129,736	2,369,724	35
226	132,078	39	14,765	1,258	457,720	73	9,306	31	4,692	47	19,542	17	2,810	6	1,316	1,072,432	2,163,781	36
97	62,111	15	5,903	673	218,834	75	12,850	29	3,720	198	58,342	78	13,960	4	400	1,328,851	2,052,402	37
27	15,268	.....	.....	78	25,836	.....	.....	6	755	.....	.....	.....	.....	.....	.....	233,932	1,209,354	38
105	51,176	6	2,412	587	210,138	20	4,518	8	694	51	40,534	3	700	3	500	865,117	1,452,535	39
215	141,959	23	7,104	1,422	543,831	445	92,879	96	11,128	124	45,631	38	9,100	.....	.....	2,242,828	3,753,593	40
34	14,394	.....	.....	232	69,374	.....	.....	.....	.....	9	3,700	.....	.....	.....	.....	228,392	381,310	41
94	46,435	1	312	795	197,926	206	15,200	106	3,501	22	3,775	135	5,490	25	375	1,013,137	1,528,791	42
187	113,609	19	10,384	867	301,934	46	7,186	37	3,936	190	69,692	10	2,704	.....	.....	1,626,859	2,539,474	43
78	40,404	.....	.....	484	149,657	10	2,013	12	1,286	24	8,392	3	1,000	.....	.....	471,180	869,882	44
40	14,068	.....	.....	121	24,384	5	751	2	60	17	5,300	.....	.....	.....	.....	138,821	243,738	45
160	148,253	10	4,313	2,015	985,645	21	6,325	43	5,848	64	33,570	13	4,056	5	780	19,622,788	22,977,415	46
311	212,452	26	9,640	2,172	964,627	243	43,675	45	4,157	320	88,213	195	30,513	39	3,600	3,611,790	6,093,503	47
35	11,178	.....	.....	131	31,520	5	1,197	.....	.....	.....	.....	.....	.....	.....	.....	109,424	197,964	48
203	135,952	15	6,037	1,735	737,063	32	9,629	54	8,513	229	161,986	77	15,507	26	2,840	2,584,389	4,765,452	49
1,866	1,739,046	254	118,582	11,946	5,964,261	1,379	339,899	458	70,873	1,979	990,108	1,498	221,062	107	6,755	22,008,275	38,045,909	50
72	30,734	2	656	316	91,707	5	834	.....	.....	15	3,972	7	1,400	.....	.....	285,740	535,774	51
32	13,251	.....	.....	163	30,957	4	100	1	36	22	1,250	.....	.....	.....	.....	160,216	243,530	52
164	105,863	13	3,791	1,491	606,628	214	50,817	59	9,307	9	3,774	27	6,800	.....	.....	1,041,718	2,308,179	53
28	17,917	.....	.....	305	89,776	1	180	7	370	115	30,653	1	650	.....	.....	281,961	565,732	54
157	86,702	5	2,008	683	231,947	22	5,438	30	2,607	105	41,582	8	1,204	.....	.....	798,070	1,536,912	55
28	12,433	1	312	252	63,223	1	48	2	125	2	850	.....	.....	.....	.....	267,228	392,458	56
17	7,410	.....	.....	52	12,147	2	520	.....	.....	.....	.....	.....	.....	.....	.....	18,026	59,385	57
117	83,814	12	1,826	649	239,098	39	5,856	6	198	37	13,888	.....	.....	.....	.....	1,056,168	1,660,950	58
4	1,515	.....	.....	40	10,485	.....	.....	.....	.....	1	430	.....	.....	.....	.....	16,634	36,011	59
26	9,779	.....	.....	126	25,352	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	106,634	172,800	60
34	16,866	.....	.....	94	28,980	2	410	.....	.....	2	300	.....	.....	.....	.....	105,241	183,222	61
58	23,677	1	75	201	59,613	1	100	.....	.....	31	6,900	.....	.....	.....	.....	235,880	398,007	62
110	69,065	7	2,870	611	191,644	138	26,542	43	4,865	129	36,758	135	24,900	.....	.....	592,958	1,146,249	63
49	18,414	2	200	130	27,896	.....	.....	8	456	1	200	.....	.....	.....	.....	102,896	257,052	64
74	44,392	7	3,314	221	86,191	42	10,751	7	596	6	3,319	.....	.....	.....	.....	226,772	590,171	65
102	61,132	9	3,785	461	166,961	32	6,096	6	500	104	33,595	.....	.....	.....	.....	1,044,296	1,516,032	66
22	9,536	.....	.....	59	16,567	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88,016	135,835	67
112	65,653	9	4,930	454	142,293	39	7,908	10	1,043	26	9,350	9	1,664	.....	.....	504,250	915,427	68
91	42,823	2	450	449	139,002	19	3,720	12	1,096	11	3,758	.....	.....	.....	.....	741,388	1,155,888	69
78	39,641	2	500	461	138,554	9	1,516	13	1,741	45	16,792	.....	.....	.....	.....	422,692	739,378	70
65	31,539	.....	.....	372	116,501	5	1,049	4	294	2	700	.....	.....	.....	.....	416,643	721,815	71

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

INDIANA—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregatee.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
72	St. Joseph	303	$13,547,810	$4,353,907	$1,058,002	$1,852,865	$1,443,040	$9,193,903	$685,359	7,434	$3,417,372
73	Scott	26	63,940	44,530	2,065	10,580	31,285	19,410	3,718	152	31,401
74	Shelby	169	1,192,657	468,116	70,448	139,949	257,719	724,541	140,010	1,390	482,387
75	Spencer	96	335,077	210,283	37,675	50,515	122,093	124,794	20,851	496	130,807
76	Starke	20	34,925	30,680	4,020	6,715	19,945	4,245	1,107	45	10,454
77	Steuben	65	163,173	117,425	13,415	27,385	76,625	45,748	9,178	185	56,601
78	Sullivan	59	191,971	145,600	19,760	29,100	96,740	46,371	10,726	229	62,165
79	Switzerland	27	107,007	44,106	5,235	14,400	24,471	63,501	5,744	193	76,222
80	Tippecanoe	188	3,161,948	1,525,409	323,850	427,641	773,918	1,636,539	186,611	2,746	1,257,985
81	Tipton	73	341,294	177,188	34,167	46,280	96,741	164,106	14,251	601	216,912
82	Union	29	185,392	66,010	10,555	21,050	34,405	119,382	11,713	166	54,711
83	Vanderburg	498	9,290,946	4,538,853	1,030,246	1,213,600	2,295,007	4,752,093	813,501	7,546	3,249,403
84	Vermilion	46	149,723	109,165	13,110	37,620	58,435	40,558	7,718	191	54,159
85	Vigo	412	6,081,569	2,865,324	548,780	909,326	1,407,218	2,216,245	3,910,343	5,376	2,196,250
86	Wabash	144	1,275,425	644,638	131,230	205,080	308,328	630,787	77,541	1,262	507,968
87	Warren	16	42,699	28,955	11,030	5,915	12,010	13,744	2,514	63	13,180
88	Warrick	48	174,270	118,495	14,805	36,925	66,765	55,775	12,756	181	53,795
89	Washington	66	156,048	108,488	18,625	26,103	63,760	47,560	6,255	302	74,115
90	Wayne	292	5,188,232	1,617,744	300,506	569,957	747,281	3,570,488	528,708	3,309	1,562,251
91	Wells	112	423,823	247,898	50,205	47,145	150,488	175,925	25,632	621	229,370
92	White	28	140,965	85,405	6,650	25,815	52,940	55,560	7,463	112	31,175
93	Whitley	123	607,702	379,507	128,800	78,530	172,177	228,195	69,530	647	199,572

INDIAN TERRITORY. (*a*)

BY SPECIFIED INDUSTRIES.

1	All industries	20	204,329	147,749	5,800	27,400	114,549	56,580	11,590	175	79,830
2	Lumber and other mill products from logs or bolts.	3	16,000	6,400	400	300	5,700	9,600	1,000	39	12,800
3	Printing and publishing, newspapers and periodicals.	8	23,790	15,825	.....	.....	15,825	7,965	3,245	23	9,828
4	All other industries (*b*)	9	164,539	125,524	5,400	27,100	93,024	39,015	7,345	113	57,202

a Not reported by political subdivisions.
b Embraces brick and tile, 1; cars and general shop construction and repairs by steam railroad companies, 2; coke, 1; cotton, ginning, 2; flouring and grist mill products, 2; lumber, planing mill products, including sash, doors, and blinds, 1.

IOWA.

BY SPECIFIED INDUSTRIES.

1	All industries	7,440	77,513,097	39,001,353	10,322,103	11,375,796	17,303,454	38,511,744	5,732,206	59,174	25,878,997
2	Agricultural implements	34	2,181,101	397,026	99,955	108,050	189,021	1,784,075	162,182	893	419,249
3	Awnings, tents, and sails	5	13,295	2,300	.....	.....	2,300	10,495	2,063	20	8,670
4	Bags, other than paper	3	69,985	24,350	1,700	5,400	17,250	45,635	1,724	39	15,378
5	Baking and yeast powders	3	6,307	507	.....	.....	507	5,800	594	11	3,980
6	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	936	1,065,339	631,525	165,690	229,325	236,510	433,814	65,791	1,484	674,947
7	Bookbinding and blank-book making. (See also Printing and publishing.)	12	46,525	33,245	600	1,100	31,545	13,280	5,446	55	21,786
8	Boots and shoes, custom work and repairing.	277	205,622	142,340	61,980	46,940	33,420	63,282	24,434	394	169,940
9	Boots and shoes, factory product	6	435,066	135,750	13,100	51,650	71,000	299,316	16,309	319	135,850
10	Bottling. (See also Liquors, malt; Mineral and soda waters.)	5	233,300	165,900	47,500	77,400	41,000	67,400	14,249	56	27,081
11	Boxes, cigar	4	25,525	6,975	100	600	6,375	18,550	1,266	56	17,107
12	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	6	24,845	17,600	5,000	3,800	8,800	7,245	1,134	65	13,516
13	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	10	173,960	61,000	10,300	15,050	35,650	112,960	14,887	269	80,335
14	Bread and other bakery products	124	914,153	645,416	137,500	213,700	194,216	368,737	81,645	804	410,450
15	Brick and tile. (See also Clay and pottery products.)	260	1,802,942	1,206,751	407,690	368,663	430,398	696,191	84,811	2,742	707,368
16	Bridges	9	260,047	94,225	7,500	23,000	63,725	165,822	23,221	312	159,489

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

INDIANA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
409	$391,066	34	$13,834	4,376	$2,018,937	351	$86,429	157	$28,826	1,454	$722,721	638	$151,664	15	$3,835	$5,557,201	$11,999,175	72
13	3,756	.....	.....	123	24,445	.....	.....	.....	.....	16	3,200	.....	.....	.....	.....	80,401	154,503	73
141	84,703	18	6,568	885	300,264	63	11,195	17	1,804	172	74,478	84	3,275	10	100	889,432	1,779,311	74
86	29,517	.....	.....	316	80,522	76	19,050	13	593	3	400	2	125	.....	.....	306,890	583,433	75
18	5,083	.....	.....	26	5,321	.....	.....	1	50	.....	.....	.....	.....	.....	.....	36,970	59,090	76
63	26,146	.....	.....	104	25,227	2	360	2	150	14	4,718	.....	.....	.....	.....	165,091	276,491	77
37	11,198	.....	.....	168	47,282	2	200	5	455	9	2,279	8	751	.....	.....	227,857	362,838	78
21	6,045	.....	.....	170	70,075	.....	.....	.....	.....	2	102	.....	.....	.....	.....	83,501	205,956	79
273	211,085	12	4,690	1,498	723,774	152	38,101	33	4,915	759	270,136	19	5,284	.....	.....	2,665,211	4,718,072	80
49	24,021	2	540	470	171,205	2	364	18	1,320	50	17,562	6	1,500	4	400	457,900	790,931	81
31	13,496	2	1,200	112	35,290	1	150	12	1,575	8	3,000	.....	.....	.....	.....	120,287	248,334	82
606	536,091	28	11,828	4,546	2,043,383	774	136,082	364	44,848	773	370,816	442	105,230	13	1,125	6,925,392	12,929,316	83
29	11,556	.....	.....	146	39,785	11	2,102	4	416	1	300	.....	.....	.....	.....	136,406	235,489	84
470	355,262	45	18,679	3,161	1,340,668	226	54,663	185	22,678	740	306,674	539	96,851	10	775	6,858,439	13,865,235	85
122	75,885	2	1,068	1,029	398,981	42	7,350	17	2,212	46	21,432	3	1,000	1	40	1,032,256	1,933,534	86
9	2,740	.....	.....	54	10,431	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,254	41,114	87
40	17,617	1	300	135	35,143	1	260	2	244	2	231	.....	.....	.....	.....	243,820	356,458	88
62	18,199	.....	.....	221	54,831	5	128	11	732	3	225	.....	.....	.....	.....	159,723	309,422	89
383	290,579	37	17,440	2,328	1,078,908	149	31,116	61	8,173	218	119,795	132	16,140	1	100	2,208,638	4,966,849	90
106	57,068	2	668	401	135,288	24	7,374	6	248	58	20,437	14	6,800	10	1,487	449,446	835,995	91
15	7,456	.....	.....	96	23,563	1	156	.....	.....	.....	.....	.....	.....	.....	.....	271,982	347,032	92
89	43,063	2	1,130	420	119,091	15	2,808	13	1,390	60	20,840	46	10,950	2	300	484,046	897,370	93

INDIAN TERRITORY. (*a*)

BY SPECIFIED INDUSTRIES.

8	6,608	.....	.....	146	67,114	3	784	7	574	11	4,750	.....	.....	.....	.....	127,864	248,932	1
1	1,000	.....	.....	38	11,800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23,900	41,950	2
1	300	.....	.....	16	8,370	3	784	3	374	.....	.....	.....	.....	.....	.....	6,811	26,912	3
6	5,308	.....	.....	92	46,944	.....	.....	4	200	11	4,750	.....	.....	.....	.....	97,153	180,070	4

IOWA.

BY SPECIFIED INDUSTRIES.

7,583	5,233,383	554	215,994	41,418	17,830,055	3,396	734,687	1,426	178,638	2,792	1,402,600	1,787	265,119	218	18,521	79,292,407	125,049,183	1
100	160,796	6	2,200	782	313,053	.....	.....	.....	.....	4	3,100	1	100	.....	.....	586,713	1,570,872	2
3	2,526	2	1,104	8	3,200	7	1,750	.....	.....	.....	.....	.....	.....	.....	.....	16,166	30,138	3
5	4,900	.....	.....	9	3,930	7	1,812	3	450	2	1,200	11	2,786	2	300	211,830	251,155	4
8	3,380	.....	.....	1	200	2	400	.....	.....	.....	.....	.....	.....	.....	.....	16,619	33,693	5
838	401,735	.....	.....	625	268,187	.....	.....	1	150	20	4,875	.....	.....	.....	.....	413,781	1,448,978	6
10	6,598	.....	.....	19	8,660	20	4,928	.....	.....	.....	.....	6	1,600	.....	.....	17,212	60,900	7
191	83,215	1	400	153	67,492	.....	.....	.....	.....	48	18,633	1	200	.....	.....	111,655	358,752	8
27	25,750	.....	.....	115	54,127	91	28,260	.....	.....	61	22,253	25	5,460	.....	.....	286,716	574,378	9
3	2,724	.....	.....	45	22,323	.....	.....	8	2,034	.....	.....	.....	.....	.....	.....	186,698	284,045	10
5	4,070	.....	.....	10	3,854	12	2,936	3	557	3	700	20	4,390	3	600	41,983	69,050	11
3	1,804	.....	.....	7	3,068	22	3,004	.....	.....	2	700	31	4,940	.....	.....	11,985	30,300	12
24	12,938	1	312	119	48,429	64	12,190	6	1,156	.....	.....	55	5,400	.....	.....	268,279	390,490	13
176	148,477	33	10,635	453	225,376	119	22,256	16	2,356	1	400	6	950	.....	.....	1,326,901	2,132,888	14
196	78,004	3	776	2,325	584,723	.....	.....	71	5,286	134	37,246	4	363	9	970	282,431	1,537,890	15
29	33,973	2	610	281	124,906	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	283,662	512,720	16

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

IOWA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
17	Brooms and brushes	39	$87,874	$23,040	$5,930	$7,150	$9,960	$64,834	$9,524	286	$91,623
18	Carpentering	431	1,212,591	327,095	90,461	91,981	144,653	885,490	240,867	2,391	1,292,565
19	Carpets, rag	35	22,857	20,382	7,670	8,550	4,162	2,475	1,568	48	15,530
20	Carriage and wagon materials	5	15,196	9,430	2,300	4,400	2,730	5,766	7,696	16	8,073
21	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	294	2,765,207	1,250,655	335,048	614,490	301,117	1,514,552	142,236	1,922	982,527
22	Care and general shop construction and repairs by steam railroad companies.	41	2,404,648	1,717,043	181,730	769,150	766,163	687,605	300	3,893	2,187,136
23	Cheese and butter, urban dairy product	3	17,900	15,500	1,700	7,300	6,500	2,400	1,605	33	9,700
24	Cheese, butter, and condensed milk, factory product.	497	2,074,177	1,569,066	109,180	607,851	801,035	505,111	121,160	2,545	1,032,799
25	Clay and pottery products. (See also Brick and tile.)	29	311,921	221,860	77,025	80,200	64,635	90,061	24,123	279	119,613
26	Clothing, men's, custom work and repairing.	205	780,976	147,270	49,160	55,500	42,604	633,706	80,960	1,258	695,813
27	Clothing, men's, factory product	7	436,900	29,700	500	1,500	27,700	407,200	68,804	574	150,021
28	Clothing, women's, dressmaking	213	107,014	69,115	19,310	31,930	17,875	37,899	23,075	723	173,901
29	Coffee and spice, roasting and grinding	8	296,154	55,520	19,946	10,474	25,100	240,634	35,648	62	45,574
30	Coffins and burial cases, trimming and finishing.	5	42,525	19,865	13,010	6,030	825	22,660	1,311	11	5,673
31	Coffins, burial cases, and undertakers' goods.	3	127,130	46,830	10,100	26,180	10,550	80,300	10,637	109	49,358
32	Confectionery	32	297,852	115,299	32,500	41,800	40,999	182,553	50,348	291	124,563
33	Cooperage	91	351,263	172,285	68,930	62,855	40,500	178,978	22,258	590	248,708
34	Cordage and twine	4	23,250	14,200	1,000	2,000	11,200	9,050	1,630	29	10,792
35	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	6	101,548	52,153	585	10,300	41,268	49,395	5,449	83	31,309
36	Dentistry, mechanical	53	76,001	43,850	2,300	3,900	37,650	32,151	9,736	63	42,974
37	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	11	37,650	16,500	6,500	3,500	6,500	21,150	6,013	37	21,302
38	Dyeing and cleaning	10	27,975	22,725	1,550	8,250	12,925	5,250	10,849	76	36,221
39	Fancy articles, not elsewhere specified	3	4,275	900	.....	.....	900	3,375	723	11	3,478
40	Flouring and grist mill products	441	6,696,759	4,779,516	810,610	1,451,989	2,516,917	1,917,243	363,993	1,749	788,872
41	Food preparations. (See also Fruits and vegetables, canning and preserving.)	8	579,866	325,385	31,318	118,720	175,347	254,481	35,700	177	77,618
42	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	126	3,032,277	1,703,045	309,634	456,064	937,347	1,329,232	172,788	2,376	1,289,579
43	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	17	445,258	287,614	24,975	129,230	133,409	157,644	51,943	1,636	91,497
44	Fur goods. (See also Hats and caps, not including wool hats.)	4	44,050	15,325	6,360	6,400	2,565	28,725	1,291	27	7,452
45	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	61	333,176	124,658	51,640	51,450	21,568	208,518	20,822	183	92,273
46	Furniture, factory product. (See also Furniture, chairs.)	21	764,423	314,602	82,700	145,150	86,952	449,621	39,701	652	279,929
47	Gas, illuminating and heating	19	2,127,067	2,013,690	301,200	190,600	1,521,890	113,377	79,389	140	83,598
48	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	8	72,999	11,999	275	2,800	8,924	61,000	7,012	99	35,225
49	Grease and tallow. (See also Soap and candles.)	9	37,760	22,450	6,700	4,150	11,600	15,310	2,799	36	19,118
50	Hairwork	9	4,935	505	.....	.....	505	4,430	2,331	19	5,349
51	Hand stamps	6	8,415	6,150	.....	.....	6,150	2,265	642	12	7,147
52	Hats and caps, not including wool hats. (See also Fur goods.)	3	12,250	6,500	.....	.....	6,500	5,750	1,953	23	8,900
53	Hay and straw, baling	5	13,703	7,530	2,080	2,400	3,050	6,173	4,761	43	8,810
54	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	3	8,950	8,000	600	5,800	1,600	950	419	9	2,550
55	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	15	148,594	90,200	21,800	39,300	29,106	58,388	9,171	130	83,620
56	Jewelry. (See also Watch, clock, and jewelry repairing.)	3	3,750	2,000	.....	.....	2,000	1,750	552	10	9,100
57	Lime and cement	23	217,305	172,785	48,600	83,520	40,665	44,520	11,265	314	105,355
58	Liquors, malt. (See also Bottling.)	18	1,057,292	710,100	132,500	410,000	167,600	347,192	190,124	207	136,756
59	Lock and gun smithing	19	57,123	49,450	33,600	5,800	10,050	7,673	5,038	31	16,664
60	Looking-glass and picture frames	8	6,440	1,650	100	200	1,350	4,790	2,171	18	9,273
61	Lumber and other mill products from logs or bolts.	137	17,487,825	7,155,341	4,656,426	684,335	1,814,580	10,332,484	633,997	7,011	2,153,582

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

IOWA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
40	$18,071	1	$300	71	$28,033	29	$5,662	25	$4,404	73	$23,953	45	$10,800	2	$400	$154,625	$330,047	17
401	244,267	2	1,086	1,966	1,042,036	3	650	6	781	12	3,345	1	400	.....	.....	2,565,604	4,864,407	18
20	8,248	11	3,101	10	2,998	5	833	1	150	1	200	.....	.....	.....	.....	15,427	37,840	19
3	1,617	.....	.....	12	6,264	.....	.....	1	192	.....	.....	.....	.....	.....	.....	10,181	56,550	20
318	212,124	2	480	1,477	731,565	9	2,060	51	10,629	65	25,669	.....	.....	.....	.....	1,449,922	3,168,545	21
81	65,312	.....	.....	3,812	2,121,824	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,244,274	4,473,089	22
.....	.....	.....	.....	32	9,400	1	300	.....	.....	.....	.....	.....	.....	.....	.....	40,875	59,500	23
183	86,244	7	1,660	2,313	937,880	18	3,710	3	190	21	3,115	.....	.....	.....	.....	8,360,689	10,545,182	24
34	23,202	.....	.....	218	84,173	.....	.....	.....	.....	23	10,238	4	2,000	.....	.....	49,962	237,275	25
180	136,388	1	312	355	212,857	118	40,175	7	1,245	516	279,185	80	25,551	1	100	702,531	1,691,294	26
19	15,960	2	1,120	66	32,474	125	18,872	1	125	1	750	360	80,720	.....	.....	439,292	734,245	27
3	1,430	188	71,041	1	500	518	99,109	4	146	.....	.....	9	1,675	.....	.....	246,089	529,854	28
26	28,710	2	600	28	15,380	.....	.....	2	284	4	600	.....	.....	.....	.....	624,088	731,724	29
7	3,973	.....	.....	4	1,700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,265	24,248	30
9	11,450	.....	.....	78	28,968	4	900	.....	.....	4	3,060	8	3,990	6	1,050	66,438	149,100	31
61	40,132	2	900	134	65,193	98	15,848	1	150	5	2,340	.....	.....	.....	.....	333,130	648,567	32
58	34,254	.....	.....	192	72,248	.....	.....	.....	.....	337	141,672	1	100	2	434	405,250	830,879	33
4	2,320	.....	.....	21	7,572	.....	.....	2	400	.....	.....	.....	.....	2	500	14,450	35,818	34
8	6,472	1	150	14	4,812	3	1,000	1	175	42	16,500	10	1,800	4	400	21,098	68,529	35
52	37,629	1	150	8	4,430	2	765	.....	.....	.....	.....	.....	.....	.....	.....	19,422	90,126	36
17	10,640	1	624	15	9,248	1	250	3	540	.....	.....	.....	.....	.....	.....	29,424	74,520	37
14	11,899	4	854	43	19,196	12	3,252	.....	.....	2	900	1	120	.....	.....	12,257	74,546	38
1	500	2	968	8	2,010	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,425	8,215	39
494	278,264	7	3,194	1,203	500,244	1	200	11	1,435	10	2,675	23	2,860	.....	.....	9,786,174	11,833,737	40
26	16,122	4	2,132	112	53,105	.....	.....	6	422	2	1,040	27	4,797	.....	.....	706,739	900,811	41
230	221,672	4	1,192	1,771	929,198	201	52,360	23	3,799	147	81,358	.....	.....	.....	.....	1,454,164	3,432,360	42
42	6,713	13	860	344	40,643	280	14,987	124	4,939	12	966	706	20,089	155	2,300	294,817	521,711	43
3	2,130	.....	.....	7	2,975	17	2,347	.....	.....	.....	.....	.....	.....	.....	.....	20,800	32,850	44
51	31,546	2	760	126	59,317	.....	.....	.....	.....	3	600	1	50	.....	.....	130,019	293,725	45
61	47,417	1	600	516	197,657	3	1,050	10	2,100	48	20,005	5	500	8	1,600	324,876	760,429	46
27	23,067	1	100	106	59,761	.....	.....	6	670	.....	.....	.....	.....	.....	.....	104,265	392,090	47
18	9,342	.....	.....	26	13,288	41	10,945	6	750	.....	.....	8	900	.....	.....	52,305	128,800	48
10	5,806	.....	.....	24	12,544	2	768	.....	.....	.....	.....	.....	.....	.....	.....	94,731	136,098	49
1	600	6	2,244	3	1,040	9	1,465	.....	.....	.....	.....	.....	.....	.....	.....	4,735	15,112	50
6	4,122	.....	.....	6	3,025	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,312	14,475	51
2	1,500	.....	.....	7	3,500	14	3,900	.....	.....	.....	.....	.....	.....	.....	.....	4,859	21,879	52
1	260	.....	.....	42	8,550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,930	65,650	53
2	820	.....	.....	1	720	6	1,010	.....	.....	.....	.....	.....	.....	.....	.....	1,975	5,763	54
21	22,170	.....	.....	107	60,890	.....	.....	1	210	1	350	.....	.....	.....	.....	99,932	238,550	55
4	4,500	.....	.....	6	4,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,620	21,807	56
11	6,365	.....	.....	282	93,180	.....	.....	3	545	18	5,265	.....	.....	.....	.....	87,612	234,897	57
51	47,670	1	300	155	88,786	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	294,626	786,585	58
21	11,980	.....	.....	10	4,684	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,047	36,300	59
12	6,213	.....	.....	0	3,060	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,275	28,344	60
284	239,614	10	6,400	6,183	1,819,797	69	12,676	224	28,241	180	38,337	20	3,075	41	5,442	7,945,831	11,829,065	61

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

IOWA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
62	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	46	$3,044,145	$1,063,934	$297,795	$336,765	$429,374	$1,980,211	$182,242	2,095	$940,911
63	Malt. (See also Liquors, malt.)	6	164,019	79,327	6,212	41,790	31,325	84,692	11,614	53	22,515
64	Marble and stone work. (See also Monuments and tombstones.)	25	79,887	22,775	6,750	3,725	12,300	57,112	8,379	178	93,676
65	Masonry, brick and stone. (See also Plastering and stuccowork.)	137	485,196	65,944	13,630	11,700	40,614	419,252	30,177	1,576	822,095
66	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	11	150,975	56,175	25,025	14,050	17,100	94,800	17,702	207	79,521
67	Millinery, custom work	141	399,255	65,041	21,807	27,125	16,109	334,214	57,447	562	183,148
68	Mineral and soda waters. (See also Bottling.)	33	196,600	121,030	20,580	23,775	76,675	75,570	21,905	162	76,347
69	Models and patterns	7	11,965	8,250	.....	.....	8,250	3,715	1,414	13	8,708
70	Monuments and tombstones. (See also Marble and stone work.)	70	340,320	108,241	32,165	26,295	49,781	232,079	35,321	253	148,791
71	Oil, linseed	7	1,531,455	604,000	117,000	210,500	276,500	927,455	201,242	168	90,120
72	Painting and paper hanging	132	210,861	51,517	10,505	13,810	27,202	159,344	23,401	621	310,616
73	Paints. (See also Chemicals.)	3	49,900	31,600	2,150	17,800	11,650	18,300	1,061	27	13,920
74	Paper	7	324,498	268,000	47,750	72,250	148,000	56,498	18,285	197	80,510
75	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	20	253,527	38,967	6,600	20,700	11,667	214,560	37,716	349	205,335
76	Paving and paving materials	17	84,010	33,370	12,950	6,050	14,370	50,640	9,803	620	247,445
77	Photography	94	175,513	129,061	12,075	19,400	97,586	46,452	29,788	233	127,695
78	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	9	343,189	155,365	28,900	57,750	68,715	187,824	33,143	167	85,720
79	Plastering and stuccowork. (See also Masonry, brick and stone.)	58	45,413	12,975	3,900	3,500	5,575	32,438	4,963	301	145,784
80	Plumbing and gas fitting	54	455,074	64,575	7,200	10,100	47,275	390,499	38,364	542	337,021
81	Printing and publishing, book and job. (See also Bookbinding and blank-book making; Printing and publishing, music.)	56	582,720	399,896	44,050	55,700	300,146	182,824	74,085	544	263,221
82	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	643	3,501,710	2,337,298	212,305	301,810	1,823,183	1,164,412	547,460	3,576	1,744,480
83	Pumps, not including steam pumps	5	144,565	42,275	5,750	21,000	15,525	102,290	10,997	79	42,475
84	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	27	112,275	43,840	13,250	21,970	8,620	68,435	8,453	110	60,027
85	Saddlery and harness	395	1,430,032	412,977	129,500	194,485	88,992	1,017,055	91,339	1,198	562,788
86	Scales and balances	3	5,825	2,300	.....	.....	2,300	3,525	726	11	4,952
87	Shipbuilding	5	38,850	34,700	3,175	8,375	23,150	4,150	3,997	48	26,926
88	Shirts. (See also Furnishing goods, men's.)	3	6,074	2,765	.....	.....	2,765	3,309	1,280	31	9,203
89	Show cases	3	11,708	1,108	.....	.....	1,108	10,600	1,359	12	5,668
90	Slaughtering and meat packing, wholesale. (See also Sausage.)	25	4,105,020	2,126,680	294,400	1,370,500	461,780	1,978,340	452,147	2,128	1,014,817
91	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	4	380,000	89,600	600	23,000	66,000	290,400	74,618	600	297,140
92	Soap and candles. (See also Grease and tallow.)	10	218,775	92,768	31,550	33,906	27,312	126,007	11,072	94	48,913
93	Starch	4	181,890	54,175	6,000	27,000	21,175	127,715	50,985	128	57,011
94	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	6	307,602	112,550	12,450	23,750	76,350	195,052	15,444	155	75,088
95	Sugar and molasses, refining	14	1,097,685	810,210	50,575	251,735	507,900	287,475	50,101	253	92,698
96	Timber products, not manufactured at mill.	6	42,510	17,725	4,300	.....	13,425	24,785	5,893	105	195,480
97	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	222	624,417	290,506	67,475	118,775	104,256	333,911	51,135	632	342,788
98	Tobacco, cigars and cigarettes	201	986,271	134,537	37,639	56,640	40,258	851,734	213,312	1,320	602,482
99	Trunks and valises	8	34,800	8,500	4,000	2,000	2,500	26,300	4,866	39	16,582
100	Vinegar and cider	8	184,492	107,920	32,166	40,400	35,354	76,572	6,061	64	32,786
101	Washing machines and clothes wringers.	8	95,816	29,450	2,850	9,300	17,300	66,366	7,240	83	35,650

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

IOWA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.															Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.							
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.			
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.		
108	$113,164	4	$2,312	1,762	$777,564	5	$1,848	187	$30,021	25	$15,378	.....	.....	4	$624	$2,062,125	$3,588,856	62
7	6,175	.....	.....	46	16,340	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150,778	226,477	63
24	16,623	.....	.....	153	76,753	1	300	.....	.....	.....	.....	.....	.....	.....	.....	116,677	268,063	64
157	105,508	.....	.....	1,416	716,372	.....	.....	.....	.....	3	215	.....	.....	.....	.....	1,184,500	2,263,253	65
15	11,320	.....	.....	117	47,632	8	2,188	21	2,631	32	11,850	14	$3,900	.....	.....	257,252	426,450	66
23	16,868	139	64,186	16	4,394	376	96,750	6	700	.....	.....	2	250	.....	.....	499,317	899,817	67
39	25,730	5	2,768	109	46,339	7	1,228	2	282	.....	.....	.....	.....	.....	.....	87,671	308,030	68
6	4,352	.....	.....	7	4,356	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,545	17,880	69
82	58,690	.....	.....	167	89,564	1	300	.....	.....	3	237	.....	.....	.....	.....	208,159	552,986	70
17	24,857	.....	.....	150	65,083	1	180	.....	.....	.....	.....	.....	.....	.....	.....	1,699,686	2,109,877	71
133	78,248	1	120	477	230,530	2	381	6	937	2	400	.....	.....	.....	.....	244,726	656,707	72
4	1,500	.....	.....	23	12,420	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,399	58,300	73
9	8,545	1	360	156	66,298	29	5,107	2	200	.....	.....	.....	.....	.....	.....	116,349	268,934	74
47	36,763	1	600	256	156,995	45	10,977	.....	.....	.....	.....	.....	.....	.....	.....	140,417	553,937	75
15	10,640	.....	.....	603	235,805	.....	.....	.....	.....	2	1,000	.....	.....	.....	.....	385,765	695,588	76
103	75,370	5	1,161	73	34,929	43	13,713	.....	.....	4	1,232	5	1,290	.....	.....	90,086	318,474	77
38	40,260	1	130	74	35,354	16	3,660	.....	.....	11	700	27	5,616	.....	.....	315,272	510,967	78
57	31,235	.....	.....	230	110,962	.....	.....	.....	.....	14	3,587	.....	.....	.....	.....	115,928	385,920	79
75	68,875	1	468	452	264,240	.....	.....	11	2,288	3	1,150	.....	.....	.....	.....	730,930	1,270,669	80
100	79,966	2	760	328	155,500	100	24,083	7	1,674	7	1,238	.....	.....	.....	.....	254,341	732,925	81
686	528,551	36	12,744	1,888	908,834	357	86,988	335	30,938	234	161,362	39	14,963	1	100	863,764	3,818,623	82
15	13,580	3	1,404	60	27,308	.....	.....	.....	.....	1	183	.....	.....	.....	.....	130,702	221,559	83
25	18,973	1	200	79	39,895	.....	.....	2	475	3	484	.....	.....	.....	.....	97,327	184,966	84
363	209,717	3	1,068	666	293,680	12	2,453	8	686	145	55,028	1	156	.....	.....	996,296	1,962,427	85
2	1,382	.....	.....	9	3,570	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,000	9,900	86
3	1,825	.....	.....	45	25,101	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,820	73,144	87
5	5,600	.....	.....	2	1,320	20	1,473	.....	.....	.....	.....	4	810	.....	.....	5,292	20,675	88
5	2,880	1	624	5	1,904	1	260	.....	.....	.....	.....	.....	.....	.....	.....	16,015	27,000	89
112	151,242	3	1,500	1,996	857,635	7	2,100	10	2,340	.....	.....	.....	.....	.....	.....	17,375,828	19,615,386	90
36	36,120	2	400	502	241,120	.....	.....	30	7,000	20	10,000	.....	.....	10	2,500	3,279,395	3,810,190	91
24	19,372	.....	.....	54	26,313	9	2,265	5	863	2	100	.....	.....	.....	.....	238,219	372,132	92
21	21,437	1	500	57	25,650	34	7,174	15	2,250	.....	.....	.....	.....	.....	.....	166,453	355,150	93
11	10,880	.....	.....	144	64,208	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	135,304	278,570	94
18	18,560	1	480	231	73,058	.....	.....	3	600	.....	.....	.....	.....	.....	.....	526,566	826,589	95
3	1,400	.....	.....	45	12,805	.....	.....	.....	.....	57	181,275	.....	.....	.....	.....	14,455	227,237	96
154	100,000	4	1,124	459	238,389	2	700	4	400	9	2,175	.....	.....	.....	.....	491,279	1,035,071	97
220	158,333	7	3,100	407	189,977	90	23,490	86	13,278	338	170,266	164	42,837	8	1,201	592,534	1,704,570	98
7	4,695	1	240	29	11,007	1	240	.....	.....	1	400	.....	.....	.....	.....	21,675	58,277	99
16	11,384	2	1,320	43	18,882	3	1,200	.....	.....	.....	.....	.....	.....	.....	.....	66,215	147,411	100
11	10,222	.....	.....	52	19,628	10	1,700	.....	.....	6	3,500	4	600	.....	.....	24,792	88,834	101

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

IOWA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
102	Watch, clock, and jewelry repairing. (See also Jewelry.)	107	$95,729	$70,310	$15,800	$15,100	$39,410	$25,419	$17,321	217	$125,638
103	Windmills	7	63,828	45,175	16,425	13,100	15,650	18,653	7,522	58	22,244
104	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	17	65,597	31,999	4,175	9,853	17,971	33,598	4,674	73	29,138
105	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	6	30,200	24,950	5,900	3,500	15,550	5,250	796	42	26,383
106	Woolen goods. (See also Gloves and mittens; Hosiery and knit goods.)	14	694,600	293,800	31,450	83,350	179,000	400,800	40,050	378	133,240
107	All other industries (a)	65	1,913,191	1,168,798	116,150	325,685	726,963	744,393	201,138	1,121	434,635

(a) Embraces artificial limbs, 1; boot and shoe uppers, 2; brass castings and brass finishing, 1; carriages and sleds, children's, 1; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 1; cigar molds, 2; clocks, 1; clothing, women's, factory product, 1; cordials and sirups, 1; corsets, 1; cotton goods, 2; dentists' materials, 2; dyeing and finishing textiles, 1; electroplating, 1; engraving and diesinking, 1; fertilizers, 1; files, 1; flavoring extracts, 1; flax, dressed, 1; furnishing goods, men's, 2; furniture, chairs, 2; glucose, 1; hand knit goods, 1; hardware, 2; house furnishing goods, not elsewhere specified, 2; iron and steel, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; kindling wood, 1; leather, tanned and curried, 2; lightning rods, 2;

BY COUNTIES.

1	The State	7,440	77,513,097	39,001,353	10,322,103	11,375,796	17,303,454	38,511,744	5,732,200	50,174	25,878,997
2	Adair	24	55,863	46,495	4,960	11,130	30,405	19,368	1,934	75	20,796
3	Adams	14	47,620	30,195	6,135	7,460	16,600	17,425	2,917	49	11,547
4	Allamakee	63	1,249,522	304,320	42,740	87,625	173,955	945,202	69,229	777	235,933
5	Appanoose	39	124,581	89,390	15,865	31,025	42,500	35,191	5,113	171	64,192
6	Audubon	23	72,801	44,275	3,250	10,590	30,435	28,526	6,390	112	35,655
7	Benton	82	297,655	196,981	16,645	97,275	83,061	100,674	23,107	284	118,500
8	Blackhawk	182	1,462,028	875,808	129,290	305,655	440,857	580,220	90,835	1,181	547,964
9	Boone	115	477,232	338,288	51,530	169,015	117,743	138,944	26,964	563	224,207
10	Bremer	81	238,579	146,866	20,285	51,760	74,815	91,713	16,723	242	93,171
11	Buchanan	98	360,382	235,230	23,620	91,815	119,795	125,152	22,423	343	145,938
12	Buena Vista	40	134,018	83,190	12,025	23,000	48,165	51,728	12,129	108	50,921
13	Butler	44	175,146	122,674	12,030	40,230	70,414	52,472	9,774	126	46,700
14	Calhoun	42	95,305	64,666	9,275	14,561	40,830	30,639	7,489	94	35,043
15	Carroll	40	126,663	63,821	9,375	14,950	39,496	62,842	11,302	122	48,447
16	Cass	31	214,092	131,260	16,850	52,463	61,947	82,832	47,260	223	67,861
17	Cedar	60	194,181	128,131	18,476	42,375	67,280	66,050	11,313	221	82,706
18	Cerro Gordo	28	133,887	94,275	9,250	31,300	53,725	39,612	8,010	102	42,413
19	Cherokee	36	182,548	135,987	25,475	49,725	60,787	46,561	12,173	192	70,377
20	Chickasaw	52	234,711	152,575	36,540	35,755	80,280	82,136	10,624	169	69,968
21	Clarke	20	112,070	88,910	18,035	14,700	56,175	23,160	4,441	98	41,643
22	Clay	20	94,317	63,937	13,435	16,525	33,977	30,380	4,693	63	19,102
23	Clayton	117	332,397	215,716	26,870	90,525	98,312	116,681	22,067	305	112,553
24	Clinton	510	10,508,890	5,134,076	3,192,995	667,060	1,274,021	5,464,814	326,996	5,312	1,976,395
25	Crawford	48	171,424	104,945	9,775	29,700	65,470	66,479	10,476	150	56,189
26	Dallas	57	243,214	162,090	19,665	50,620	91,805	81,124	14,042	207	68,309
27	Davis	40	91,157	57,210	5,560	12,025	39,625	33,947	7,101	132	44,454
28	Decatur	28	129,626	111,400	17,530	29,885	63,985	18,226	13,052	75	26,272
29	Delaware	83	333,712	198,910	32,080	54,085	112,775	134,772	17,754	221	94,695
30	Des Moines	230	4,494,426	2,320,952	469,700	603,480	1,247,772	2,173,474	263,872	3,986	1,793,253
31	Dickinson	14	57,861	45,575	7,850	20,600	17,125	12,286	2,177	25	8,022
32	Dubuque	343	7,335,110	3,270,428	901,312	1,193,518	1,175,598	4,064,682	587,188	4,876	2,217,530
33	Emmet	6	14,350	8,150	1,600	1,550	5,000	6,200	1,463	17	8,543
34	Fayette	80	287,035	227,625	22,345	85,925	119,355	59,410	16,621	306	105,716
35	Floyd	55	311,835	191,563	45,545	52,800	93,218	120,272	14,537	224	95,774
36	Franklin	22	104,560	74,435	12,970	17,800	43,665	30,125	5,696	76	28,805
37	Fremont	18	62,905	48,030	3,345	8,385	36,300	14,875	6,553	44	13,541
38	Greene	40	145,086	93,535	12,425	25,850	55,260	51,551	8,471	163	62,668
39	Grundy	45	104,870	66,510	4,270	20,875	41,365	38,360	8,788	119	46,357
40	Guthrie	53	201,828	97,438	13,255	38,172	46,011	104,390	11,763	172	69,243
41	Hamilton	20	139,711	97,559	8,200	25,920	63,439	42,152	5,808	104	44,540
42	Hancock	14	35,720	25,925	3,200	7,100	15,625	9,795	1,688	34	12,252
43	Hardin	74	273,197	178,063	28,915	56,855	84,293	103,134	13,671	237	98,501
44	Harrison	23	226,032	168,615	25,270	54,825	88,520	57,417	9,268	275	139,873
45	Henry	70	276,396	184,600	20,810	46,705	117,085	91,796	18,823	248	98,442
46	Howard	44	178,744	115,090	12,775	35,725	66,590	63,654	9,382	208	80,478
47	Humboldt	27	98,738	70,671	11,935	22,885	35,851	28,067	6,255	61	22,952
48	Ida	27	111,902	77,545	8,575	10,300	49,670	34,357	10,631	91	44,662
49	Iowa	19	301,520	129,922	11,015	37,132	81,775	171,598	19,713	102	36,788
50	Jackson	66	375,146	219,414	48,725	66,380	104,309	155,732	19,040	368	117,665
51	Jasper	56	229,314	156,351	16,970	49,385	89,996	72,963	12,514	265	92,237

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

IOWA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
91	$55,523	.....	.....	117	$68,001	7	$1,962	2	$152	.....	.....	.....	.....	.....	.....	$47,548	$242,858	102
9	4,690	.....	.....	45	16,774	.....	.....	4	780	.....	.....	.....	.....	.....	.....	23,728	67,785	103
20	11,220	1	$300	46	16,988	.....	.....	.....	.....	4	$505	2	$125	.....	.....	46,800	109,752	104
13	9,988	.....	.....	27	15,650	.....	.....	.....	.....	2	745	.....	.....	.....	.....	13,804	48,279	105
36	28,290	2	560	147	57,692	153	38,377	16	2,045	3	1,200	21	5,076	.....	.....	505,503	695,218	106
93	83,205	2	400	775	294,293	123	31,050	34	3,587	59	18,220	35	3,880	.....	.....	1,525,117	2,452,683	107

liquors, vinous, 2; lithographing and engraving, 1; musical instruments, pianos and materials, 1; paper goods, not elsewhere specified, 1; perfumery and cosmetics, 1; photolithographing and engraving, 1; pipes, tobacco, 1; plumbers' supplies, 2; printing and publishing, music, 1; sausage, 1; saws, 1; smelting and refining, 2; stationery goods, not elsewhere specified, 2; stencils and brands, 2; surgical appliances, 2; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; woodenware, not elsewhere specified, 1.

BY COUNTIES.

7,583	5,233,383	554	215,094	41,418	17,830,055	3,396	734,687	1,426	178,638	2,792	1,402,600	1,787	265,119	218	$18,521	79,292,407	125,049,183	1
20	8,449	.....	.....	45	11,193	1	248	6	306	3	600	.....	.....	.....	.....	48,142	94,864	2
10	3,091	.....	.....	33	6,633	5	1,448	.....	.....	1	375	.....	.....	.....	.....	20,776	48,253	3
58	39,035	5	4,650	660	185,118	30	4,460	21	2,450	3	220	.....	.....	.....	.....	938,813	1,380,552	4
39	16,775	.....	.....	124	45,851	6	991	.....	.....	2	575	.....	.....	.....	.....	87,080	188,352	5
25	13,114	.....	.....	84	22,081	1	260	2	200	.....	.....	.....	.....	.....	.....	78,092	142,391	6
64	32,899	1	160	200	79,867	8	1,724	2	250	5	2,060	4	1,540	.....	.....	213,456	410,903	7
190	128,102	10	3,548	892	401,928	45	7,695	13	723	6	1,458	25	4,510	.....	.....	2,248,111	3,232,988	8
72	38,413	31	9,984	330	147,741	60	10,805	5	275	49	15,324	15	1,665	.....	.....	411,550	742,868	9
69	26,735	.....	.....	170	61,574	5	1,066	.....	.....	8	3,706	.....	.....	.....	.....	441,021	630,769	10
90	49,732	5	2,060	227	88,747	15	4,343	1	156	4	750	1	150	.....	.....	458,328	708,763	11
40	21,684	.....	.....	64	28,434	2	388	1	175	.....	.....	1	240	.....	.....	146,689	250,606	12
22	11,596	.....	.....	96	33,947	3	568	1	100	4	489	.....	.....	.....	.....	393,602	516,872	13
35	19,117	.....	.....	53	15,321	2	150	.....	.....	3	355	1	100	.....	.....	105,623	174,798	14
40	18,981	.....	.....	76	27,942	4	1,122	1	168	1	234	.....	.....	.....	.....	108,237	204,082	15
31	14,275	.....	.....	137	48,352	26	2,078	12	496	17	2,660	.....	.....	.....	.....	877,149	1,089,990	16
49	23,948	1	250	154	54,308	10	2,220	2	95	5	1,885	.....	.....	.....	.....	230,508	393,438	17
24	12,562	.....	.....	75	28,912	.....	.....	.....	.....	3	930	.....	.....	.....	.....	159,266	236,371	18
20	12,662	.....	.....	162	57,507	1	208	.....	.....	.....	.....	.....	.....	.....	.....	78,969	192,520	19
45	20,440	.....	.....	114	47,950	7	1,283	.....	.....	3	235	.....	.....	.....	.....	365,154	511,263	20
12	6,956	.....	.....	85	34,401	.....	.....	.....	.....	1	286	.....	.....	.....	.....	49,491	107,568	21
8	3,342	1	50	49	14,673	1	312	1	100	3	625	.....	.....	.....	.....	139,104	197,819	22
73	37,909	5	1,734	197	66,765	16	2,375	.....	.....	14	3,770	.....	.....	.....	.....	484,625	719,132	23
533	357,659	69	21,884	4,063	1,496,474	231	36,006	320	44,198	52	13,949	26	4,425	18	1,800	4,228,531	7,088,262	24
59	21,336	.....	.....	98	30,779	2	476	3	598	8	3,000	.....	.....	.....	.....	125,211	219,451	25
41	18,780	1	520	154	46,409	6	1,875	3	525	2	200	.....	.....	.....	.....	202,202	332,917	26
30	13,325	.....	.....	96	29,854	4	550	.....	.....	2	725	.....	.....	.....	.....	160,781	246,547	27
21	10,371	.....	.....	38	10,997	6	1,248	1	208	9	3,418	.....	.....	.....	.....	74,654	143,831	28
46	24,795	2	404	154	66,546	12	2,200	6	700	1	50	.....	.....	.....	.....	441,777	647,248	29
332	273,978	22	9,564	2,921	1,282,593	213	33,674	106	17,152	327	160,277	54	14,390	11	1,025	3,878,099	6,599,046	30
9	3,656	.....	.....	16	4,366	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,671	50,285	31
501	435,483	28	13,772	3,555	1,521,770	169	39,674	73	8,429	273	131,230	277	67,163	.....	.....	6,237,395	10,310,491	32
7	5,280	.....	.....	10	3,263	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,924	15,764	33
55	24,255	1	50	213	78,391	22	1,355	8	234	7	1,431	.....	.....	.....	.....	657,334	849,170	34
48	26,238	1	240	164	66,506	6	1,334	1	156	4	1,300	.....	.....	.....	.....	355,434	522,301	35
20	9,205	.....	.....	56	19,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	133,056	182,221	36
13	5,680	.....	.....	28	7,035	3	826	.....	.....	.....	.....	.....	.....	.....	.....	39,621	72,600	37
36	19,703	.....	.....	118	41,349	4	794	3	250	1	410	1	156	.....	.....	185,048	324,061	38
30	14,056	.....	.....	84	30,613	.....	.....	.....	.....	5	1,688	.....	.....	.....	.....	367,505	490,230	39
53	27,607	.....	.....	95	33,229	12	3,642	.....	.....	12	4,705	.....	.....	.....	.....	100,860	236,994	40
17	9,295	1	100	78	31,759	1	260	1	100	6	3,026	.....	.....	.....	.....	114,849	205,149	41
10	5,177	.....	.....	23	6,700	.....	.....	.....	.....	1	375	.....	.....	.....	.....	50,916	77,165	42
53	35,566	6	3,900	151	51,785	10	3,826	.....	.....	8	3,424	.....	.....	.....	.....	284,812	450,173	43
11	5,020	.....	.....	259	133,941	5	912	.....	.....	.....	.....	.....	.....	.....	.....	209,327	410,979	44
67	34,272	2	566	139	55,818	12	2,912	17	1,674	8	2,264	3	936	.....	.....	235,584	412,954	45
32	15,202	.....	.....	170	64,171	3	730	.....	.....	2	275	1	100	.....	.....	444,444	589,470	46
15	7,704	1	350	42	14,048	1	500	2	350	.....	.....	.....	.....	.....	.....	84,841	139,023	47
26	16,960	1	480	55	26,038	3	755	2	304	4	125	.....	.....	.....	.....	141,092	213,624	48
17	6,187	.....	.....	81	29,480	1	208	1	104	2	800	.....	.....	.....	.....	220,742	311,042	49
51	22,134	.....	.....	276	88,220	7	1,644	14	912	20	4,755	.....	.....	.....	.....	315,182	513,779	50
40	21,018	.....	.....	188	60,391	11	655	7	433	19	9,740	.....	.....	.....	.....	297,192	456,737	51

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

IOWA—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
52	Jefferson	39	$250,026	$131,878	$11,090	$40,548	$80,240	$118,148	$14,559	259	$86,593
53	Johnson	124	810,321	430,193	50,350	139,910	239,933	380,128	106,364	655	270,801
54	Jones	74	471,820	269,957	27,415	85,770	156,772	201,863	38,057	409	150,442
55	Keokuk	64	249,237	156,150	14,505	62,807	78,838	93,087	13,539	219	84,143
56	Kossuth	26	138,490	87,565	12,000	31,600	43,965	50,925	11,185	177	60,683
57	Lee	328	5,143,569	1,947,941	379,059	601,622	967,260	3,195,628	379,003	4,145	1,978,419
58	Linn	221	2,983,026	2,050,103	271,645	1,025,185	753,273	932,923	333,952	2,776	1,385,074
59	Louisa	29	42,559	25,650	1,585	7,975	16,000	16,909	2,954	60	20,374
60	Lucas	24	94,189	48,877	6,745	13,325	28,807	45,312	4,665	79	27,488
61	Lyon	28	93,020	59,090	10,825	10,240	38,025	33,930	6,169	79	29,790
62	Madison	17	48,146	35,775	6,250	10,125	19,400	12,371	3,319	50	19,605
63	Mahaska	96	458,567	244,974	28,095	53,255	163,624	213,593	28,232	457	211,465
64	Marion	60	279,642	183,008	23,030	74,715	80,263	96,634	13,646	250	72,776
65	Marshall	162	2,230,532	1,193,384	105,319	340,710	747,355	1,037,148	270,000	1,588	631,443
66	Mills	23	74,708	39,035	4,030	13,705	21,300	35,673	8,667	155	27,947
67	Mitchell	40	178,226	117,370	7,310	38,787	71,273	60,856	7,856	161	63,257
68	Monona	48	94,938	56,320	3,740	17,975	34,605	38,618	9,254	108	38,638
69	Monroe	32	57,973	33,378	2,420	8,565	22,393	24,595	4,085	79	22,520
70	Montgomery	46	226,925	162,540	23,905	42,240	96,395	64,385	12,249	167	61,762
71	Muscatine	189	4,213,416	1,824,434	781,970	387,899	654,565	2,388,982	227,199	2,501	805,612
72	O'Brien	27	193,730	129,600	11,285	49,000	69,315	64,130	12,278	102	52,470
73	Osceola	17	65,520	39,165	2,720	10,820	25,625	26,355	5,797	41	20,332
74	Page	51	219,470	156,140	16,645	51,320	88,175	63,330	16,255	353	97,548
75	Palo Alto	19	80,183	39,545	3,745	8,975	26,825	40,638	4,504	57	23,452
76	Plymouth	40	371,156	240,615	54,650	62,975	122,990	130,541	19,780	166	72,071
77	Pocahontas	19	43,395	32,340	5,355	10,550	16,435	11,055	2,063	47	15,758
78	Polk	346	3,906,240	2,110,490	458,834	647,042	1,004,614	1,795,750	443,267	3,974	2,078,058
79	Pottawattamie	170	1,457,549	750,059	201,745	285,795	262,519	707,490	103,978	1,700	862,223
80	Poweshiek	48	705,064	135,793	20,010	56,510	59,273	570,171	48,051	321	160,061
81	Ringgold	14	25,669	17,160	3,710	4,825	8,625	8,509	2,041	27	8,580
82	Sac	57	187,598	115,857	18,925	50,067	46,865	71,741	11,453	140	56,716
83	Scott	504	8,910,293	4,005,407	1,194,864	1,186,195	1,624,348	4,904,886	792,315	5,280	2,270,979
84	Shelby	22	42,813	31,205	5,085	11,110	15,010	11,608	2,905	35	14,675
85	Sioux	50	205,042	151,265	20,610	26,600	104,055	53,777	23,532	147	53,006
86	Story	47	144,194	87,101	6,032	26,429	54,640	57,093	9,193	182	52,462
87	Tama	54	186,749	125,885	16,065	44,285	64,635	60,864	15,546	176	75,487
88	Taylor	30	77,310	42,100	3,075	9,345	29,680	35,210	5,121	86	27,813
89	Union	73	374,111	229,899	16,570	52,950	160,379	144,212	15,987	525	262,943
90	Van Buren	47	399,157	183,315	20,155	56,195	106,965	215,842	23,350	368	122,260
91	Wapello	136	1,526,674	664,766	100,190	138,525	426,051	861,908	207,640	2,513	1,220,862
92	Warren	30	110,727	82,551	7,395	29,560	45,596	28,176	4,999	103	36,861
93	Washington	51	279,375	173,912	22,840	69,428	81,644	105,463	12,861	232	78,694
94	Wayne	16	37,294	27,470	2,550	10,850	14,070	9,824	2,091	37	12,414
95	Webster	114	335,137	203,111	30,090	52,270	120,751	132,026	31,566	586	223,401
96	Winnebago	9	30,235	19,015	1,580	5,500	11,935	11,220	2,614	31	12,854
97	Winneshiek	101	452,807	310,351	37,810	122,275	150,266	142,456	33,697	461	194,313
98	Woodbury	242	5,455,766	2,422,502	761,032	633,025	1,028,445	3,033,264	505,257	3,167	1,927,010
99	Worth	17	50,436	30,665	2,750	9,310	18,605	19,771	3,302	90	35,519
100	Wright	38	138,366	64,800	8,015	23,100	33,685	73,566	5,546	135	65,520

KANSAS.

BY SPECIFIED INDUSTRIES.

1	All industries	4,471	43,926,002	23,913,090	4,716,300	8,734,553	10,462,237	20,012,912	5,853,466	32,843	16,328,485
2	Agricultural implements	7	91,400	37,100	7,800	10,500	18,800	54,300	5,331	71	31,748
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	737	727,752	448,029	153,802	153,642	140,585	279,723	48,993	1,090	464,398
4	Bookbinding and blank-book making. (See also Printing and publishing.)	6	30,710	14,900	.....	.....	14,900	15,810	7,137	35	20,546
5	Boots and shoes, custom work and repairing.	188	126,421	85,650	33,035	25,465	27,150	40,771	17,132	250	106,609
6	Bread and other bakery products	91	314,957	205,313	69,465	75,000	60,848	109,644	54,704	350	168,860
7	Brick and tile. (See also Clay and pottery products.)	87	788,607	446,777	128,320	111,265	206,692	841,830	45,896	1,280	313,146
8	Bridges	3	120,090	39,090	9,000	7,150	22,940	81,000	5,713	352	350,934
9	Brooms and brushes	61	122,093	87,810	32,805	48,750	6,255	34,283	4,548	117	41,548
10	Carpentering	234	629,463	180,950	74,192	51,382	55,376	448,513	70,647	1,382	735,162
11	Carpets, rag	5	1,375	845	220	235	390	530	382	8	1,800

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

IOWA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
61	$17,664	10	$500	186	$65,162	5	$1,507	2	$104	5	$1,656					$136,694	$288,771	52
80	51,305	9	2,978	471	187,912	31	5,433	11	976	45	19,796	8	$2,400			1,020,938	1,596,406	53
66	29,245			260	99,688	1	54	2	285	25	10,120	55	11,050			695,403	1,023,732	54
60	26,574	6	1,978	145	61,491	14	3,146	3	354	1	600					302,769	493,659	55
22	11,252	1	400	153	48,956			1	75							182,112	307,272	56
489	392,542	40	17,641	2,649	1,147,421	296	69,257	74	7,932	401	321,919	183	19,208	13	$2,499	4,580,755	7,977,198	57
290	240,115	31	13,228	2,071	1,031,026	113	28,109	73	8,133	96	51,604	102	12,859			7,012,965	9,485,824	58
24	11,486			34	8,088	2	800									29,047	62,274	59
20	8,615			48	16,748	8	1,875	3	250							37,751	92,745	60
20	9,033			64	19,691	2	716	3	350							65,870	120,970	61
16	7,085	1	260	31	11,420					2	840					61,695	100,181	62
67	36,040	2	1,404	328	152,292	50	14,429	2	300	8	7,000					385,258	783,856	63
42	17,084	7	1,680	177	51,365	10	1,277	5	202	8	976	1	192			177,937	330,932	64
150	99,583	34	12,967	982	466,201	81	19,150	28	3,663	64	26,005	249	3,854			2,205,369	3,493,772	65
20	9,869			66	15,051	10	1,165			9	766	50	1,096			75,107	137,415	66
37	16,220			106	44,138	9	2,203	2	175	7	521					363,279	480,176	67
22	10,945	4	1,600	75	24,968	4	900	3	225							59,198	127,434	68
5	2,882	1	520	57	15,843	3	500	1	100	12	2,675					53,365	104,561	69
41	17,658	1	364	116	42,500	5	909	4	331							145,741	263,356	70
179	112,519	18	8,001	1,891	599,926	51	8,385	119	14,789	122	49,884	78	7,288	43	4,820	2,678,192	4,248,621	71
19	12,520	1	600	76	37,050	2	1,075	1	300	2	300	1	625			189,890	269,610	72
15	9,550			26	10,782											119,765	166,692	73
43	22,620	2	515	211	69,934	51	2,534	45	1,805	1	140					200,941	357,270	74
9	5,327			45	17,617	2	300	1	208							97,109	146,342	75
36	20,310			121	49,641	8	1,665			1	455					602,191	745,768	76
9	4,830	1	520	30	9,111	6	1,147			1	150					47,139	74,477	77
475	421,188	49	19,922	2,795	1,463,185	445	116,620	57	8,764	110	34,915	43	13,464			4,437,698	7,979,300	78
173	132,642	5	3,400	1,298	649,702	115	21,048	39	4,364	68	50,183	2	884			1,492,287	2,827,420	79
44	29,153	2	900	244	120,396	18	5,629	3	450	5	2,625	5	1,508			310,706	538,100	80
10	3,896			14	4,168	2	416			1	100					22,831	40,395	81
42	22,301	4	1,444	86	31,965	4	624	2	82	2	300					278,580	390,701	82
655	572,175	48	20,387	2,885	1,255,558	429	86,972	88	11,233	526	240,934	534	79,085	115	4,635	6,286,636	10,685,316	83
18	9,369			16	5,156					1	150					16,866	42,020	84
34	18,806	1	500	103	38,576	3	1,000	2	112	1	70			3	142	278,704	399,492	85
21	11,215	3	1,000	146	38,012	9	1,700	2	67	1	468					113,604	208,709	86
51	27,011	1	312	116	46,939	6	1,011	2	214							152,075	293,943	87
19	10,521	2	488	43	11,571	7	1,125	2	144	13	3,964					50,513	99,710	88
43	25,244	2	416	448	228,651	26	7,852	5	480	1	300					292,063	634,109	89
50	29,565			201	69,388	70	16,940	27	2,332	4	775	16	3,260			413,340	649,798	90
214	164,320	11	3,080	1,725	903,531	279	73,543	117	20,147	131	48,317	22	5,924	14	2,900	3,439,768	5,141,645	91
23	13,125	1	150	70	22,169	7	1,334	1	25	1	58					74,641	131,364	92
60	23,353	1	91	158	51,386	9	2,020	4	360	9	1,409	1	75			222,606	376,652	93
11	4,545			22	6,748	2	521			1	400	1	200			51,845	79,774	94
127	58,877	16	4,649	344	127,331	34	5,174	1	78	56	25,252	7	1,940	1	100	381,367	724,005	95
7	4,752			24	8,102											133,771	159,932	96
78	41,097	8	2,011	320	136,963	28	4,789			25	9,141	2	312			776,489	1,107,139	97
378	351,798	37	17,822	2,434	1,401,407	135	39,364	62	7,235	113	103,964	18	5,420			10,424,538	14,343,545	98
13	7,548			72	27,594	1	104	2	153	2	120					164,270	219,073	99
37	18,249			93	46,356	2	475			3	440					182,351	268,651	100

KANSAS.

BY SPECIFIED INDUSTRIES.

4,311	2,915,686	295	124,624	23,022	11,771,341	1,541	323,763	603	70,776	1,824	956,614	969	160,758	278	4,923	78,845,167	110,219,805	1
19	11,973			36	16,125					12	2,850			4	800	47,605	101,084	2
676	302,217	1	200	386	153,679			2	300	25	8,002					277,135	967,746	3
6	6,700			20	12,170	9	1,676									12,849	62,640	4
160	71,061			59	23,804			1	250	30	11,494					73,960	226,023	5
92	58,518	16	4,779	211	99,742	21	4,055	9	1,454	1	312					378,052	754,716	6
52	27,478	2	443	1,054	244,717	4	420	65	5,449	103	34,639					128,701	667,457	7
33	41,664			319	309,270											467,557	897,730	8
45	19,574			35	10,188	1	144	3	150	30	11,397	1	20	2	60	45,399	109,300	9
190	116,852	1	468	1,156	604,633					35	13,209					1,320,129	2,387,835	10
1	400	5	1,200			1	75			1	125					1,965	4,645	11

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KANSAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
12	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	85	$1,107,392	$399,685	$118,975	$207,860	$72,860	$707,707	$76,520	462	$286,904
13	Cars and general shop construction and repairs by steam railroad companies.	26	1,683,210	1,331,740	133,080	707,970	490,690	351,470	.....	2,879	1,769,275
14	Cheese, butter, and condensed milk, factory product.	101	433,792	369,328	24,192	174,250	160,886	74,464	22,939	312	111,143
15	Clay and pottery products. (See also Brick and tile.)	6	21,275	16,180	2,900	8,450	4,830	5,095	1,390	36	11,390
16	Clothing, men's, custom work and repairing.	143	394,044	82,329	31,360	31,966	19,013	311,715	47,198	661	380,504
17	Clothing, men's, factory product	7	96,904	20,929	6,000	5,104	9,736	74,975	7,220	318	78,392
18	Clothing, women's, dressmaking	134	97,449	57,242	19,800	27,950	9,492	40,207	19,825	444	123,255
19	Coke	6	17,960	17,040	600	75	16,365	920	605	19	5,845
20	Confectionery	20	74,665	46,055	11,400	16,050	19,605	28,610	7,136	80	43,073
21	Cooperage	13	144,267	70,128	34,200	20,932	14,996	74,139	11,508	271	148,123
22	Dentistry, mechanical	31	24,718	14,037	150	800	13,087	10,681	5,561	38	17,631
23	Dyeing and cleaning	8	4,665	2,590	.....	.....	2,590	2,075	2,723	19	9,054
24	Flouring and grist mill products	348	7,844,280	5,085,043	798,485	1,400,039	2,886,519	2,759,237	599,986	2,060	1,053,505
25	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	69	2,624,807	1,412,892	396,750	412,473	604,669	1,211,915	145,683	1,631	1,053,340
26	Fruits and vegetables, canning and preserving. (See also Pickles, preserves, and sauces.)	12	261,433	96,924	13,140	44,117	39,667	164,509	17,614	1,171	69,528
27	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	28	75,645	44,130	10,175	19,960	14,005	31,516	8,505	58	26,036
28	Furniture, factory product. (See also Furniture, chairs.)	4	161,375	82,275	12,550	42,600	27,125	69,100	19,249	160	66,188
29	Gas, illuminating and heating	12	1,153,228	1,104,167	98,480	104,600	901,187	49,061	20,415	73	65,101
30	Grease and tallow. (See also Soap and candles.)	6	176,800	159,050	72,000	45,700	41,350	16,750	11,476	87	48,729
31	Hand stamps	3	2,110	1,500	.....	.....	1,500	610	1,740	8	4,351
32	Hay and straw, baling	4	15,580	7,970	545	4,000	3,426	7,610	945	34	10,126
33	Ice, artificial	4	153,645	148,750	15,000	28,250	105,500	4,895	9,070	72	30,630
34	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	12	141,528	69,113	21,700	17,700	29,713	72,415	10,656	128	78,806
35	Lime and cement	10	161,628	128,223	22,600	38,850	66,773	33,405	9,236	117	47,081
36	Lock and gun smithing	17	17,881	14,206	2,800	5,400	6,005	3,676	1,695	24	9,688
37	Looking-glass and picture frames	8	12,157	1,927	500	300	1,127	10,230	1,372	14	6,634
38	Lumber and other mill products from logs or bolts.	27	70,865	52,915	6,070	5,270	41,975	17,950	4,109	120	16,179
39	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	36	627,282	363,347	95,225	88,500	179,622	263,935	31,358	449	267,159
40	Marble and stone work. (See also Monuments and tombstones.)	14	98,872	60,645	14,600	6,650	39,396	38,227	3,967	209	100,360
41	Masonry, brick and stone. (See also Plastering and stuccowork.)	86	704,045	99,216	32,550	27,000	39,665	604,830	34,179	1,609	921,059
42	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	9	24,035	8,190	600	3,350	4,240	15,845	3,670	46	20,051
43	Millinery, custom work	98	238,702	41,905	17,000	20,100	4,805	196,797	35,461	324	98,728
44	Mineral and soda waters	22	81,352	65,005	10,375	11,630	43,000	16,347	7,560	81	38,351
45	Monuments and tombstones. (See also Marble and stone work.)	40	149,885	41,925	16,825	12,750	13,350	107,960	11,561	141	82,268
46	Painting and paper hanging	48	115,578	32,710	9,250	14,900	8,560	82,868	12,324	196	108,590
47	Patent medicines and compounds	4	13,253	1,266	.....	.....	1,266	11,987	5,247	23	8,759
48	Paving and paving materials	9	513,344	308,198	.....	.....	305,198	208,146	34,678	267	114,741
49	Photography	53	66,660	47,450	1,900	6,400	39,150	19,210	12,829	89	46,849
50	Plastering and stuccowork. (See also Masonry, brick and stone.)	34	48,212	30,720	7,100	11,100	12,430	17,492	1,884	180	74,902
51	Plumbing and gas fitting	21	147,200	29,875	9,000	11,100	9,775	117,325	9,365	178	120,536
52	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	39	523,084	262,053	.....	.....	262,053	261,031	44,682	340	230,726
53	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	627	2,313,876	1,622,840	147,900	188,061	1,286,879	691,036	348,083	2,588	1,132,043
54	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	19	73,236	43,650	19,400	14,625	9,625	29,585	5,101	73	45,041
55	Saddlery and harness	229	887,469	298,070	112,880	138,885	46,305	589,399	57,498	683	372,646
56	Salt	23	781,085	614,118	94,005	435,039	85,074	166,967	30,301	449	187,660

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KANSAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
88	$73,617	.....	.....	363	$189,982	.....	.....	1	$208	10	$3,097	.....	.....	.....	.....	$272,303	$703,625	12
60	46,949	.....	.....	2,817	1,721,870	2	$456	.....	.....	.....	.....	.....	.....	.....	.....	1,874,646	3,644,038	13
41	16,694	.....	.....	255	92,744	11	1,373	2	188	3	144	.....	.....	.....	.....	713,677	919,787	14
6	3,294	.....	.....	20	5,844	.....	.....	3	192	7	2,060	.....	.....	.....	.....	4,696	23,117	15
117	88,123	2	$1,650	194	123,155	62	21,366	2	500	206	124,854	67	$20,756	1	$100	358,074	911,104	16
9	4,600	5	1,850	27	12,840	62	10,560	.....	.....	3	2,012	212	46,530	.....	.....	97,448	215,864	17
6	4,625	93	42,127	.....	.....	290	69,895	1	104	.....	.....	54	6,504	.....	.....	150,207	371,376	18
.....	.....	.....	.....	18	5,695	.....	.....	.....	.....	1	150	.....	.....	.....	.....	9,099	26,593	19
18	15,105	2	835	60	25,648	6	2,085	.....	.....	.....	.....	.....	.....	.....	.....	95,876	170,300	20
12	10,942	1	180	50	28,507	.....	.....	2	250	206	108,244	.....	.....	.....	.....	315,493	556,173	21
32	15,355	.....	.....	4	1,880	1	146	.....	.....	1	250	.....	.....	.....	.....	12,019	44,594	22
6	4,760	.....	.....	6	2,484	7	1,810	.....	.....	.....	.....	.....	.....	.....	.....	2,630	19,680	23
440	316,093	6	3,354	1,603	730,084	3	483	6	536	11	2,955	.....	.....	.....	.....	14,285,990	17,420,475	24
129	137,982	1	300	1,395	820,172	.....	.....	7	1,680	99	93,206	.....	.....	.....	.....	1,214,567	2,756,825	25
18	8,700	.....	.....	159	23,673	283	15,884	97	3,225	35	7,887	326	7,676	253	2,483	147,801	292,505	26
18	9,257	.....	.....	35	16,158	1	120	3	350	1	150	.....	.....	.....	.....	31,266	82,727	27
9	8,524	1	240	113	42,650	.....	.....	9	880	28	12,894	.....	.....	.....	.....	57,081	160,414	28
19	13,728	1	1,800	53	39,573	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52,010	232,665	29
13	11,886	.....	.....	67	36,593	.....	.....	.....	.....	7	250	.....	.....	.....	.....	103,199	181,150	30
3	1,895	.....	.....	2	480	3	1,976	.....	.....	.....	.....	.....	.....	.....	.....	1,117	7,790	31
7	2,840	.....	.....	25	6,886	2	400	.....	.....	.....	.....	.....	.....	.....	.....	20,093	36,819	32
11	8,590	.....	.....	59	21,800	.....	.....	2	240	.....	.....	.....	.....	.....	.....	18,135	87,314	33
18	16,333	.....	.....	106	61,669	.....	.....	4	804	.....	.....	.....	.....	.....	.....	133,545	287,528	34
9	7,946	.....	.....	107	38,991	.....	.....	.....	.....	1	144	.....	.....	.....	.....	21,604	146,649	35
17	7,414	.....	.....	6	1,474	.....	.....	.....	.....	1	200	.....	.....	.....	.....	3,567	17,120	36
4	2,276	.....	.....	9	4,208	1	150	.....	.....	.....	.....	.....	.....	.....	.....	8,516	27,580	37
18	2,624	.....	.....	100	13,355	.....	.....	2	200	.....	.....	.....	.....	.....	.....	43,298	85,521	38
64	51,732	3	1,968	380	213,251	.....	.....	2	208	.....	.....	.....	.....	.....	.....	348,157	828,494	39
9	5,997	.....	.....	200	94,303	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53,815	186,821	40
67	57,262	1	300	1,457	813,681	.....	.....	2	104	82	49,712	.....	.....	.....	.....	1,132,045	2,326,328	41
5	3,816	.....	.....	27	10,763	6	1,876	1	156	6	3,320	1	120	.....	.....	32,191	71,522	42
16	9,369	95	38,541	1	300	197	48,843	.....	.....	.....	.....	14	1,575	1	100	234,833	444,453	43
33	20,587	.....	.....	48	17,764	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29,004	106,822	44
38	26,320	2	400	100	55,448	.....	.....	.....	.....	1	100	.....	.....	.....	.....	78,075	233,049	45
46	29,443	2	700	141	75,647	.....	.....	1	300	6	2,500	.....	.....	.....	.....	92,880	242,977	46
9	6,240	1	780	3	925	4	364	.....	.....	6	450	.....	.....	.....	.....	7,657	29,860	47
10	7,835	.....	.....	252	105,906	.....	.....	.....	.....	5	1,000	.....	.....	.....	.....	197,423	428,915	48
40	24,237	1	780	26	14,739	20	6,393	.....	.....	2	700	.....	.....	.....	.....	37,638	136,592	49
20	9,487	.....	.....	160	65,415	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56,173	154,687	50
20	16,646	.....	.....	145	100,296	1	260	10	1,334	2	2,000	.....	.....	.....	.....	168,604	342,616	51
54	50,561	3	1,768	219	156,273	51	16,814	10	1,806	8	3,360	1	144	.....	.....	209,311	544,756	52
562	360,966	34	11,789	1,346	568,348	243	59,730	223	24,599	150	99,917	28	6,594	2	100	556,941	2,514,749	53
21	17,648	.....	.....	52	27,393	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69,620	134,901	54
226	139,841	2	624	324	163,915	.....	.....	1	50	123	67,411	7	805	.....	.....	501,621	1,209,909	55
40	32,805	.....	.....	304	123,279	16	4,080	.....	.....	89	27,496	.....	.....	.....	.....	352,574	697,802	56

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KANSAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
57	Shirts. (See also Furnishing goods, men's.)	5	$27,425	$15,150	$900	$12,000	$2,250	$12,275	$6,128	89	$26,064
58	Slaughtering and meat packing, wholesale.	15	11,064,683	4,657,473	1,241,225	2,606,349	809,899	6,407,210	3,318,262	5,210	2,893,025
59	Slaughtering, wholesale, not including meat packing.	3	21,375	15,750	7,100	6,500	2,150	5,625	3,938	13	6,640
60	Soap and candles. (See also Grease and tallow.)	9	130,379	69,000	19,200	24,750	25,050	61,379	15,905	55	30,639
61	Sugar and molasses, refining	22	398,700	342,675	29,475	45,450	267,750	56,025	20,938	313	35,664
62	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	162	450,418	270,150	97,395	105,845	66,910	180,268	27,880	336	178,556
63	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	110	301,777	67,000	27,150	24,000	15,850	234,777	73,874	434	190,885
64	Trunks and valises	4	24,975	6,775	3,000	3,000	775	18,200	2,231	23	13,581
65	Vinegar and cider	15	125,841	95,240	29,900	33,950	31,390	30,601	5,858	86	25,974
66	Washing machines and clothes wringers.	6	4,420	3,455	455	1,650	1,350	965	190	10	4,151
67	Watch, clock, and jewelry repairing. (See also Jewelry.)	58	29,500	15,975	.....	.....	15,975	13,525	9,923	76	42,998
68	Windmills	7	44,261	31,150	4,930	12,575	13,645	13,111	1,812	24	10,911
69	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	18	139,111	26,337	8,127	8,793	9,417	112,774	2,816	68	30,403
70	Zinc	4	218,000	96,000	13,000	63,090	20,000	122,000	4,220	348	223,970
71	All other industries (*a*)	70	3,623,797	1,859,947	285,652	943,486	630,809	1,763,850	344,918	1,591	870,969

a Embraces artificial limbs, 2; awnings, tents, and sails, 2; bags, other than paper, 1; baking and yeast powders, 1; baskets and rattan and willow ware, 2; boot and shoe uppers, 1; boots and shoes, factory product, 2; boxes, cigar, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 2; chemicals, 1; china, decorating, 1; coffee and spice, roasting and grinding, 1; cordage and twine, 2; corsets, 2; electroplating, 1; flavoring extracts, 1; furnishing goods, men's, 1; furniture, chairs, 1; glass, cutting, staining, and ornamenting, 1; glucose, 1; gold and silver, reducing and refining, not from the ore, 1; gunpowder, 1;

BY COUNTIES.

[No manufactures reported from Greeley county.]

1	The State	4,471	43,926,002	23,913,090	4,716,300	8,734,553	10,462,237	20,012,912	5,853,466	32,843	16,328,485
2	Allen	37	162,321	86,485	14,375	43,315	28,795	75,836	10,919	109	45,305
3	Anderson	32	93,139	67,690	11,380	17,985	38,325	25,449	9,263	179	33,972
4	Atchison	155	1,839,429	914,360	190,595	280,410	443,355	925,069	114,194	2,023	972,910
5	Barber	20	235,547	194,985	7,350	40,575	147,060	40,562	6,995	142	34,254
6	Barton	42	175,937	116,167	18,537	33,175	64,455	59,770	12,551	129	62,341
7	Bourbon	68	1,155,710	683,485	96,310	103,214	483,961	472,225	68,735	903	462,836
8	Brown	80	156,869	84,160	18,410	24,275	41,475	72,709	13,068	194	85,950
9	Butler	42	148,566	113,415	7,100	27,370	78,945	35,151	9,498	94	33,349
10	Chase	21	76,319	52,405	8,020	19,210	25,175	23,914	3,916	57	20,584
11	Chautauqua	16	44,215	30,460	4,550	6,875	19,035	13,755	2,638	54	12,210
12	Cherokee	42	434,431	332,608	49,962	145,225	137,421	101,823	29,458	313	138,520
13	Cheyenne	4	7,375	5,900	1,000	2,500	2,400	1,475	778	6	1,955
14	Clark	5	6,092	4,280	650	1,180	2,450	1,812	610	7	3,446
15	Clay	60	171,572	110,905	20,485	28,200	62,220	60,667	15,739	172	67,996
16	Cloud	57	137,907	88,803	18,987	26,722	43,094	49,104	11,290	137	52,711
17	Coffey	25	88,890	65,530	6,925	21,715	36,890	23,360	5,661	73	26,965
18	Comanche	7	14,605	12,100	800	1,600	9,700	2,505	1,284	16	8,703
19	Cowley	115	504,053	327,465	47,455	77,425	202,585	176,588	44,395	535	278,147
20	Crawford	65	608,417	354,787	60,510	143,395	150,882	253,630	26,860	695	358,457
21	Decatur	13	42,459	31,675	1,575	8,500	21,600	10,784	4,453	28	13,277
22	Dickinson	53	626,939	356,260	97,265	85,450	173,545	270,679	37,708	249	118,482
23	Doniphan	38	165,689	88,325	9,130	29,655	49,540	77,364	8,690	114	29,907
24	Douglas	168	1,194,431	675,823	83,177	197,400	395,246	518,608	82,724	1,011	403,957
25	Edwards	6	107,120	79,770	18,550	6,650	54,570	27,350	11,902	22	7,378
26	Elk	30	78,417	46,890	3,935	18,150	24,805	31,527	6,130	95	25,104
27	Ellis	8	89,941	62,800	4,500	24,500	33,800	27,141	6,611	85	20,545
28	Ellsworth	19	160,898	114,961	8,685	34,175	72,101	45,937	14,522	80	28,902
29	Finney	11	31,640	13,625	400	200	13,025	18,015	2,257	30	13,763
30	Ford	14	28,049	22,400	2,050	6,750	13,600	5,649	1,693	46	23,833
31	Franklin	46	418,121	310,531	36,425	120,258	153,848	107,590	34,176	304	145,716
32	Garfield	6	5,382	3,800	325	1,800	1,675	1,582	726	14	2,826
33	Geary	54	189,802	124,888	17,280	41,950	65,658	64,914	16,138	329	156,072
34	Gove	8	9,227	7,050	635	1,750	4,665	2,177	794	17	4,702
35	Graham	12	19,617	10,650	2,000	2,500	6,150	8,907	1,293	19	6,367
36	Grant	4	15,770	3,150	25	50	3,075	12,620	865	14	5,576

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KANSAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
7	$5,190	.....	.....	14	$7,094	24	$6,605	.....	.....	12	$550	32	$6,625	.....	.....	$32,520	$73,700	57
190	246,256	6	$4,240	4,400	2,389,016	48	16,060	103	$22,160	288	161,772	169	53,521	.....	.....	36,031,824	44,592,671	58
3	2,860	.....	.....	10	3,780	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88,190	103,406	59
16	14,610	.....	.....	30	13,329	1	250	1	250	3	800	4	800	.....	.....	160,667	253,219	60
12	1,935	.....	.....	298	33,599	1	78	2	52	.....	.....	.....	.....	.....	.....	83,709	151,466	61
107	59,774	.....	.....	219	116,627	1	175	2	150	7	1,830	.....	.....	.....	.....	229,567	537,209	62
87	51,160	1	300	143	53,926	30	7,136	11	1,210	142	73,893	15	2,780	5	$480	199,387	534,117	63
5	4,400	.....	.....	18	9,181	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,900	36,500	64
16	11,565	1	178	67	14,071	2	160	.....	.....	.....	.....	.....	.....	.....	.....	42,896	112,259	65
4	1,641	.....	.....	4	1,570	.....	.....	.....	.....	2	940	.....	.....	.....	.....	2,169	9,300	66
35	22,058	.....	.....	39	20,390	.....	.....	1	250	1	300	.....	.....	.....	.....	12,749	83,102	67
6	4,550	.....	.....	18	6,361	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,385	36,058	68
17	10,602	1	400	37	11,888	.....	.....	1	25	12	7,488	.....	.....	.....	.....	308,848	367,691	69
7	7,200	.....	.....	339	216,570	.....	.....	.....	.....	2	200	.....	.....	.....	.....	637,000	963,500	70
111	104,504	5	2,430	1,272	723,550	126	21,865	11	1,162	18	10,350	38	6,308	10	800	13,932,476	16,130,845	71

hairwork, 1; hardware, 1; hosiery and knit goods, 1; jewelry, 1; kaolin and other earth grinding, 1; leather, tanned and curried, 2; lithographing and engraving, 1; models and patterns, 1; musical instruments and materials, not specified, 2; oil, linseed, 2; oil, lubricating, 1; optical goods, 2; paints, 1; paper, 1; perfumery and cosmetics, 1; photographic materials, 2; pickles, preserves, and sauces, 1; pipes, tobacco, 2; pumps, not including steam pumps, 2; scales and balances, 1; smelting and refining, 1; starch, 1; steam fittings and heating apparatus, 2; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; upholstery materials, 1; wood, turned and carved, 2; woolen goods, 1.

BY COUNTIES.

[No manufactures reported from Greeley county.]

4,311	2,915,686	295	124,624	23,022	11,771,341	1,541	323,763	603	70,776	1,824	956,614	969	160,758	278	4,923	78,845,167	110,219,805	1
33	16,168	1	468	73	28,391	1	180	1	98	.....	.....	.....	.....	.....	.....	82,253	152,688	2
30	11,785	.....	.....	71	17,427	42	1,630	31	830	5	2,300	.....	.....	.....	.....	76,221	127,690	3
156	135,370	13	7,610	1,124	658,896	50	11,812	11	2,085	202	134,815	266	21,922	201	400	2,584,130	4,053,881	4
19	10,093	.....	.....	119	23,768	1	130	1	104	2	159	.....	.....	.....	.....	116,015	173,898	5
37	19,730	.....	.....	77	39,963	8	1,633	4	415	3	600	.....	.....	.....	.....	212,442	326,069	6
97	68,616	2	438	766	381,918	10	2,172	13	1,332	11	7,360	4	1,000	.....	.....	895,295	1,555,962	7
63	32,562	6	2,229	95	42,669	13	3,455	2	242	12	3,529	3	1,264	.....	.....	169,009	306,701	8
25	10,343	.....	.....	64	22,077	3	754	1	25	1	150	.....	.....	.....	.....	134,257	203,012	9
17	6,118	.....	.....	40	14,466	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,811	69,426	10
12	5,079	.....	.....	26	6,079	15	1,000	1	52	.....	.....	.....	.....	.....	.....	31,857	58,336	11
40	17,841	4	915	226	112,335	15	2,812	.....	.....	17	4,397	11	220	.....	.....	406,863	658,808	12
4	1,834	.....	.....	1	121	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,092	4,792	13
4	2,230	.....	.....	3	1,216	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,763	6,078	14
52	26,045	5	1,260	91	36,800	13	2,797	6	344	2	425	3	325	.....	.....	257,963	393,622	15
42	18,563	.....	.....	78	29,583	8	2,776	4	708	5	1,081	.....	.....	.....	.....	75,207	167,269	16
18	9,347	.....	.....	42	12,435	.....	.....	3	127	9	4,556	1	500	.....	.....	94,233	159,838	17
9	5,734	.....	.....	7	2,969	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47,183	70,406	18
76	47,780	14	5,758	369	207,356	32	8,416	5	622	13	4,282	26	3,933	.....	.....	526,926	1,017,975	19
53	36,537	2	700	597	309,093	3	515	12	1,700	24	9,112	.....	.....	4	800	1,022,127	1,606,282	20
12	6,590	1	200	14	6,045	1	442	.....	.....	.....	.....	.....	.....	.....	.....	59,840	92,763	21
51	32,794	3	1,070	179	80,384	4	1,224	6	410	6	2,600	.....	.....	.....	.....	645,468	898,157	22
28	9,848	.....	.....	86	20,059	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	177,451	254,771	23
151	102,124	25	8,721	491	206,260	129	30,111	5	468	71	41,788	109	13,288	30	1,197	1,467,911	2,195,493	24
4	2,160	.....	.....	18	5,218	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70,625	99,942	25
18	7,691	.....	.....	50	15,512	18	776	7	350	3	775	.....	.....	.....	.....	49,166	97,902	26
8	5,145	1	1,100	26	14,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	147,102	195,604	27
18	9,214	.....	.....	56	19,082	2	369	4	237	.....	.....	.....	.....	.....	.....	214,279	294,885	28
14	8,237	.....	.....	12	4,822	2	504	.....	.....	2	200	.....	.....	.....	.....	6,786	26,494	29
5	1,937	.....	.....	39	21,600	1	200	.....	.....	1	96	.....	.....	.....	.....	19,835	47,476	30
47	23,725	3	822	239	118,410	15	2,759	.....	.....	.....	.....	.....	.....	.....	.....	403,417	650,493	31
4	1,176	.....	.....	5	874	5	776	.....	.....	.....	.....	.....	.....	.....	.....	5,114	9,975	32
44	25,801	3	1,010	240	125,770	4	755	3	350	11	1,611	4	775	.....	.....	407,186	641,767	33
8	3,052	.....	.....	8	1,550	.....	.....	1	100	.....	.....	.....	.....	.....	.....	3,545	11,813	34
7	2,824	.....	.....	9	2,843	.....	.....	.....	.....	3	700	.....	.....	.....	.....	4,317	14,693	35
3	1,449	.....	.....	9	3,980	.....	.....	1	72	1	75	.....	.....	.....	.....	6,477	15,472	36

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KANSAS—Continued.

BY COUNTIES—Continued.

	COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
37	Gray	6	$5,140	$4,225	$175	$500	$3,550	$915	$345	6	$2,538
38	Greenwood	45	64,997	45,260	4,910	6,485	33,865	19,737	6,545	65	21,120
39	Hamilton	7	7,097	5,675	125	325	5,225	1,422	741	10	3,712
40	Harper	27	261,111	216,810	26,495	71,928	118,387	44,301	16,639	161	43,931
41	Harvey	83	577,629	322,532	27,875	127,800	166,857	255,097	41,746	343	159,483
42	Hodgeman	10	13,460	10,930	2,050	4,040	4,840	2,530	1,064	13	4,520
43	Jackson	30	63,067	33,795	2,925	10,695	20,175	29,272	4,986	59	22,953
44	Jefferson	53	238,982	173,307	29,355	53,700	90,252	65,675	15,273	142	47,718
45	Jewell	22	34,376	22,562	2,567	3,870	16,125	11,814	2,474	75	13,470
46	Johnson	34	134,538	87,605	7,375	32,175	48,055	46,933	7,643	219	45,884
47	Kearny	5	13,415	5,190	100	750	4,340	8,225	794	19	8,394
48	Kingman	58	379,410	166,935	22,520	45,300	99,115	212,475	21,989	375	189,211
49	Kiowa	10	18,720	8,245	1,320	2,150	4,775	10,475	1,835	18	6,012
50	Labette	80	605,815	386,945	29,775	115,880	241,290	218,870	43,152	631	296,478
51	Lane	10	10,510	6,540	290	400	5,850	3,970	1,216	18	4,494
52	Leavenworth	246	4,194,281	1,928,600	371,465	605,662	951,473	2,265,681	391,050	2,746	1,498,601
53	Lincoln	8	51,525	40,275	14,550	6,400	19,325	11,250	5,690	27	9,076
54	Linn	39	134,150	72,100	7,515	21,100	43,485	62,050	17,142	98	41,018
55	Logan	5	4,505	3,275	150	115	3,010	1,230	485	10	3,712
56	Lyon	54	277,166	154,090	39,310	41,750	73,030	123,076	21,491	399	169,744
57	McPherson	63	264,560	175,640	22,365	60,000	93,275	88,920	17,066	180	78,258
58	Marion	58	203,923	147,825	20,840	42,375	84,610	56,098	13,118	166	69,522
59	Marshall	84	528,405	292,263	78,840	85,305	128,118	236,142	31,580	262	99,408
60	Meade	5	8,551	7,355	525	1,130	5,700	1,196	750	21	2,678
61	Miami	48	170,989	99,836	15,081	34,775	49,980	71,153	8,257	382	198,232
62	Mitchell	30	170,115	107,515	30,750	25,050	51,715	62,600	11,680	85	41,074
63	Montgomery	38	195,039	135,955	13,470	52,090	70,395	59,084	12,242	163	60,547
64	Morris	29	77,033	52,155	10,350	13,415	28,390	24,878	4,088	93	24,545
65	Morton	3	3,900	2,800	400	700	1,700	1,100	388	4	1,482
66	Nemaha	70	192,143	108,530	17,890	30,804	59,836	83,613	20,589	264	94,608
67	Neosho	36	139,541	109,315	17,200	29,000	63,115	30,226	6,611	114	40,652
68	Ness	13	50,679	33,130	3,890	11,850	17,390	17,549	4,519	35	16,981
69	Norton	16	61,471	47,760	7,050	9,500	31,210	13,711	5,070	37	15,247
70	Osage	74	174,454	115,515	16,535	37,673	61,307	58,939	11,018	229	70,098
71	Osborne	29	102,963	77,945	13,970	16,500	47,475	25,018	5,629	83	34,658
72	Ottawa	28	61,275	41,435	3,860	11,100	26,475	19,840	6,928	64	21,462
73	Pawnee	9	115,420	86,250	8,950	37,450	39,850	29,170	7,819	36	13,119
74	Phillips	25	102,960	71,105	14,715	18,400	37,990	31,855	7,314	79	26,841
75	Pottawatomie	47	173,017	106,325	11,585	28,140	66,600	66,692	18,119	181	41,447
76	Pratt	15	106,075	83,585	20,800	20,025	42,760	22,490	8,823	34	14,695
77	Rawlins	7	13,625	11,300	1,200	1,000	9,100	2,325	4,358	16	7,873
78	Reno	146	1,943,894	1,021,287	189,665	552,620	279,002	922,607	187,137	1,438	867,384
79	Republic	23	47,411	32,110	2,895	7,335	21,830	15,301	5,338	41	16,070
80	Rice	45	240,210	173,399	20,369	48,690	104,340	66,811	16,311	178	65,955
81	Riley	71	254,386	176,045	34,285	61,090	80,670	78,341	15,503	268	117,205
82	Rooks	14	46,495	34,360	4,900	8,525	20,935	12,135	3,724	32	11,713
83	Rush	10	35,225	25,135	1,280	5,925	17,930	10,090	2,075	29	8,350
84	Russell	15	80,448	55,601	4,085	16,515	35,001	24,847	6,934	35	16,062
85	Saline	86	765,041	483,892	94,715	135,900	253,277	281,149	76,880	365	153,037
86	Scott	5	8,772	6,150	850	635	4,675	2,612	589	12	3,522
87	Sedgwick	175	3,162,519	1,592,318	319,750	662,175	610,393	1,570,201	310,233	1,809	942,172
88	Seward	3	3,360	2,850			2,850	510	746	5	1,435
89	Shawnee	384	3,404,029	2,271,957	398,145	803,450	1,070,362	1,132,072	279,152	3,470	1,874,899
90	Sheridan	5	13,505	9,910	2,610	3,250	4,050	3,595	837	8	2,781
91	Sherman	7	16,625	8,025	1,400	1,925	4,700	2,600	974	18	5,784
92	Smith	16	73,103	53,285	3,415	15,370	34,500	19,908	5,880	47	18,916
93	Stafford	11	18,835	13,115	1,025	1,210	10,880	5,720	1,488	25	8,272
94	Stanton	3	2,250	1,725	25	150	1,550	525	545	6	1,391
95	Stevens	3	2,133	1,810	10	200	1,600	323	410	5	1,092
96	Sumner	94	478,855	269,226	36,330	81,846	151,050	209,629	30,928	311	151,109
97	Thomas	11	12,993	8,575	425	425	7,725	4,418	1,318	26	8,296
98	Trego	3	7,150	3,615	540	1,050	2,025	3,535	241	5	2,062
99	Wabaunsee	45	199,125	138,360	19,780	51,875	66,705	60,765	12,729	140	53,011
100	Wallace	4	3,435	2,635	425	260	1,950	800	312	4	1,404
101	Washington	48	119,680	84,453	8,315	26,320	49,818	35,227	7,977	122	37,136
102	Wilson	20	66,319	52,270	4,640	18,675	30,955	14,049	5,004	54	17,092
103	Woodson	18	40,895	30,615	3,625	9,670	17,320	10,280	2,970	34	12,201
104	Wyandotte	260	13,623,481	6,144,034	1,771,625	2,878,206	1,494,203	7,479,447	3,451,326	8,160	4,654,366
105	All other counties (*a*)	4	10,810	9,300	700	1,800	6,800	1,510	477	9	3,254

a Includes establishments distributed as follows: Haskell, 2; Wichita, 2.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KANSAS—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2	$820			4	$1,718											$1,362	$4,476	37
21	8,554	1	$200	38	11,673	3	$310	1	$19	1	$364					41,901	93,633	38
7	2,488			3	1,224											2,353	7,969	39
19	9,309			98	29,022	3	460	1	105	30	3,435	10	$1,600			208,705	323,389	40
66	39,670	7	2,572	234	109,734	20	3,438	8	619	7	2,925	1	525			725,042	1,029,921	41
5	1,770	1	300	7	2,450											5,680	13,357	42
24	8,928	1	300	32	12,675					2	1,050					39,313	80,714	43
41	20,429	3	766	82	22,840	6	1,200	5	364	5	2,119					252,672	358,569	44
12	4,920			50	5,697	8	1,770	3	313	2	770					17,194	41,409	45
24	11,514			100	29,010	28	2,360	40	1,600			12	750	15	$650	147,325	224,522	46
4	2,068			13	6,058	2	270									61,522	74,155	47
63	40,764	7	4,004	242	129,087	26	9,284	1	100	22	4,872	12	1,000	2	100	359,880	694,666	48
7	2,522			10	3,100	1	300									9,401	20,108	49
62	35,361	2	433	543	256,966	10	1,644	12	1,274	2	800					831,043	1,286,785	50
5	2,093			11	1,881	2	520									7,607	16,613	51
313	278,581	22	6,859	1,902	1,050,469	243	34,465	26	2,890	203	116,734	35	8,502	2	100	3,342,501	5,796,156	52
7	3,896	1	400	10	3,400	3	550			2	800	4	30			38,070	58,787	53
35	16,790	2	680	57	22,666	2	382			2	500					186,891	265,305	54
5	2,288			4	1,216			1	208							1,587	6,880	55
61	39,316	4	1,960	219	107,764	58	6,492	31	1,762	16	9,400	10	3,050			223,376	465,731	56
54	31,159	2	1,196	100	40,309	11	2,484	9	900	4	2,120					335,381	482,239	57
55	27,664	2	400	101	39,441	5	1,134	1	108	2	775					145,269	262,561	58
54	28,719	4	1,250	166	57,644	20	4,839	5	694	13	6,262					408,368	630,705	59
2	853			19	1,825											1,716	6,795	60
41	24,832			333	171,430	2	300	2	340	4	1,330					174,170	401,735	61
30	16,673			51	23,691	2	610	2	100							216,872	297,686	62
34	16,516			106	40,779	14	1,976	5	326	4	950					344,837	514,984	63
26	11,536			43	12,234	12	200	11	275	1	300					58,476	100,779	64
2	936			2	546											573	3,471	65
70	33,276	3	1,304	161	54,382	9	2,018	3	150	10	2,585	4	677	4	216	179,950	334,225	66
26	9,753	1	360	84	30,295			3	244							106,770	173,728	67
11	5,826			21	10,620	2	510			1	25					64,769	101,005	68
15	7,460			20	7,543	2	244									64,201	98,155	69
60	29,496	2	624	89	33,471	6	1,912	17	1,050	4	935	45	2,430	6	180	173,798	310,435	70
33	17,949	1	520	49	16,189											103,917	177,241	71
27	12,009	1	312	28	7,489	6	1,488	2	164							69,882	120,745	72
8	3,600	1	520	20	7,667	2	420	3	192	2	720					60,425	84,943	73
18	9,194			48	14,849	3	390	3	156	7	2,252					101,805	154,773	74
36	13,203	1	624	93	23,790	47	3,478	2	52	1	200	1	100			178,074	279,125	75
9	4,888			24	9,711			1	96							74,724	109,556	76
6	3,448			8	3,805	2	620									30,784	49,631	77
189	173,723	34	19,635	939	561,928	77	24,820	5	1,064	143	75,304	49	10,690	2	220	2,390,328	3,989,693	78
10	5,122	3	1,165	25	9,227	1	250	1	156	1	150					35,393	70,572	79
36	17,331			117	42,181	8	1,421	3	302	14	4,720					199,692	315,497	80
56	29,534	6	1,244	195	83,470	7	1,953	2	254			2	750			198,645	400,536	81
12	6,250			17	5,038			2	350	1	75					49,472	76,466	82
6	1,951			21	6,339			3	60							34,483	58,322	83
14	5,563			19	10,199	2	300									117,882	156,421	84
82	47,208	3	1,236	216	89,915	16	3,193	18	1,400	30	10,085					852,375	1,183,961	85
2	780			7	2,346	2	292	1	104							1,842	8,537	86
253	239,121	18	7,920	1,215	604,298	104	29,885	73	10,040	78	42,863	68	8,047			3,421,828	5,173,744	87
2	575			2	760					1	100					964	4,356	88
331	267,152	23	11,673	2,662	1,448,153	222	58,268	70	9,879	125	73,428	35	6,086	2	260	3,702,304	6,827,657	89
3	1,066			5	1,715											1,335	7,093	90
3	1,768			11	3,611	1	325	3	80							2,864	13,922	91
14	7,143			27	10,845	5	876	1	52							82,857	126,301	92
13	5,367			7	1,893	4	812	1	200							4,274	18,210	93
2	737			2	420	2	234									1,039	3,750	94
3	884	2	208													402	2,422	95
83	47,004	8	3,316	187	92,544	22	5,109			10	2,936	1	200			507,303	771,464	96
8	2,513			17	5,583	1	200									6,237	18,961	97
2	912			2	1,000			1	150							979	3,600	98
31	13,077	2	546	95	37,410	4	688	1	60	7	1,330					151,252	309,975	99
2	832			2	572											699	3,850	100
46	19,482	1	416	41	11,898	2	285	1	100	26	3,985	5	970			60,527	127,838	101
15	6,932	1	250	34	9,872	2	510			2	528					58,512	92,155	102
14	5,678			17	5,965	2	358			1	200					45,026	73,408	103
470	441,744	42	19,130	6,558	3,710,867	101	29,872	97	21,753	634	358,076	248	72,124	10	800	47,044,428	58,132,679	104
1	624			7	2,485	1	145									14,473	30,320	105

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KENTUCKY.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	7,745	$79,811,980	$36,712,121	$7,468,633	$12,127,764	$17,115,724	$43,099,859	$15,879,728	65,579	$27,761,746
2	Agricultural implements	5	1,444,685	491,475	147,050	169,250	175,175	953,210	110,449	760	357,182
3	Awnings, tents, and sails	10	10,800	2,635	.....	.....	2,635	8,165	2,701	40	18,188
4	Baskets and rattan and willow ware	20	14,565	8,290	2,700	4,900	690	6,275	2,418	35	16,925
5	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	840	639,795	316,017	104,976	104,231	106,810	323,778	41,384	1,262	520,309
6	Bookbinding and blank-book making. (See also Printing and publishing.)	9	88,500	43,175	.....	.....	43,175	45,325	8,251	179	76,171
7	Boot and shoe uppers	9	40,350	2,650	.....	.....	2,650	37,700	3,735	36	18,205
8	Boots and shoes, custom work and repairing.	559	375,328	260,307	99,350	117,315	43,642	115,021	68,367	920	441,980
9	Boots and shoes, factory product	11	280,166	95,650	4,000	21,650	70,000	184,516	33,640	325	138,810
10	Bottling. (See also Liquors, malt; Mineral and soda waters.)	15	73,000	21,910	4,000	8,275	9,635	51,090	11,174	55	26,945
11	Boxes, cigar	3	13,500	6,100	600	300	5,200	7,400	806	38	14,470
12	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	8	458,150	142,200	53,350	34,550	54,300	315,950	41,715	254	97,020
13	Brass castings and brass finishing. (See also Plumbers' supplies.)	5	29,170	22,850	3,000	5,000	14,850	6,320	1,741	27	15,936
14	Bread and other bakery products	216	645,947	467,744	138,435	220,940	108,369	178,203	90,177	796	364,322
15	Brick and tile. (See also Clay and pottery products.)	99	826,958	537,345	238,085	125,731	173,529	289,613	79,871	1,957	476,845
16	Bridges	3	15,000	10,800	5,000	5,000	800	4,200	2,170	14	7,137
17	Brooms and brushes	27	36,397	10,085	2,025	3,045	5,015	26,312	5,638	129	55,509
18	Carpentering	483	1,222,888	327,485	113,440	110,270	103,775	895,403	565,339	2,661	1,641,007
19	Carpets, rag	27	10,895	5,230	1,500	1,600	2,130	5,665	2,945	38	16,631
20	Carriage and wagon materials	17	242,847	135,490	36,500	38,377	60,613	107,357	17,007	276	114,752
21	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	188	2,035,273	818,743	262,588	373,298	182,857	1,216,530	90,915	1,493	748,830
22	Cars and general shop construction and repairs by steam railroad companies.	9	305,229	197,795	32,620	78,300	86,875	107,434	.....	634	363,440
23	Cheese and butter, urban dairy product	14	22,553	19,900	12,500	3,850	3,550	2,653	4,160	42	17,714
24	Chemicals. (See also Fertilizers; Paints; Varnish.)	7	117,330	47,600	20,300	15,400	11,900	69,730	17,445	79	27,034
25	Clay and pottery products. (See also Brick and tile.)	10	250,643	162,911	32,560	39,900	90,451	87,732	13,528	201	97,886
26	Clothing, men's, custom work and repairing.	165	997,862	199,007	75,687	92,200	31,120	798,855	87,383	1,527	785,952
27	Clothing, men's, factory product	248	1,146,454	188,996	47,325	85,350	56,321	957,458	74,268	2,912	808,001
28	Clothing, women's, dressmaking	441	334,925	160,640	58,500	67,600	34,540	174,285	64,151	1,921	560,539
29	Clothing, women's, factory product	14	116,077	4,195	900	1,000	2,295	105,882	6,342	246	125,489
30	Coffee and spice, roasting and grinding	6	146,400	47,200	5,000	11,000	31,200	99,200	7,680	43	29,500
31	Coffins and burial cases, trimming and finishing.	37	121,594	52,385	18,795	24,380	9,210	69,209	5,508	94	42,314
32	Coffins, burial cases, and undertakers' goods.	6	120,915	48,425	11,350	27,000	10,075	72,490	10,804	109	49,415
33	Coke	5	80,670	77,120	1,100	8,700	67,320	3,550	436	28	11,279
34	Confectionery	76	228,059	92,570	19,725	26,900	45,945	135,489	41,598	424	162,639
35	Cooperage	107	766,715	322,789	134,317	94,095	94,377	443,926	46,476	1,221	539,120
36	Cordage and twine	16	384,934	235,686	13,515	83,700	138,471	149,248	38,142	306	97,939
37	Corsets	10	1,575	505	.....	.....	505	1,070	954	26	7,790
38	Cotton goods. (See also Hosiery and knit goods.)	5	1,376,132	930,708	71,782	242,707	616,219	445,424	60,200	834	189,039
39	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	4	191,560	107,800	24,750	33,000	50,050	83,760	14,794	221	61,600
40	Dentistry, mechanical	33	76,829	51,280	21,420	13,100	16,760	25,549	4,881	52	27,829
41	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	3	2,010	860	400	300	160	1,150	240	5	1,750
42	Dyeing and cleaning	19	38,310	32,915	11,125	12,600	9,190	5,395	5,223	78	29,777
43	Electroplating	3	13,440	5,475	.....	.....	5,475	7,965	1,315	20	10,198
44	Engraving and diesinking	9	7,018	3,730	.....	.....	3,730	3,288	1,860	18	11,491
45	Fancy articles, not elsewhere specified	7	8,450	5,955	4,000	1,500	455	2,495	851	19	6,412
46	Fertilizers. (See also Chemicals.)	4	234,585	79,500	29,000	32,000	18,500	155,085	15,382	62	31,665

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KENTUCKY.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ere.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
8,074	$5,988,985	947	$445,930	39,150	$16,213,096	5,425	$1,243,275	1,895	$227,070	6,865	$2,999,381	2,855	$607,239	368	$36,770	$63,677,583	$126,719,857	1
61	60,344	.....	.....	500	194,038	.....	.....	.....	.....	199	102,800	.....	.....	.....	.....	540,965	1,265,799	2
10	7,460	.....	.....	12	6,062	14	3,466	.....	.....	4	1,200	.....	.....	.....	.....	27,120	58,950	3
19	10,137	1	550	7	3,018	.....	.....	.....	.....	8	3,220	.....	.....	.....	.....	11,531	36,041	4
704	306,985	1	624	522	204,657	.....	.....	7	921	28	7,122	.....	.....	.....	.....	330,133	1,091,622	5
15	15,695	2	750	80	38,580	63	16,268	5	1,000	6	2,500	8	1,378	.....	.....	60,210	185,075	6
4	3,250	1	780	21	10,749	8	3,036	1	78	1	312	.....	.....	.....	.....	32,608	70,140	7
622	276,313	2	720	189	83,144	1	175	1	50	205	81,578	.....	.....	.....	.....	334,439	967,388	8
29	26,515	.....	.....	114	46,529	86	19,214	8	1,174	64	37,678	22	7,225	2	475	266,210	526,387	9
18	13,356	1	260	32	12,383	3	546	.....	.....	1	400	.....	.....	.....	.....	188,636	339,170	10
2	1,900	.....	.....	11	5,276	1	300	8	1,690	.....	.....	16	5,304	.....	.....	27,403	44,340	11
23	21,465	.....	.....	158	62,387	.....	.....	73	13,168	.....	.....	.....	.....	.....	.....	210,125	421,980	12
6	5,440	.....	.....	20	10,364	.....	.....	1	132	.....	.....	.....	.....	.....	.....	16,576	43,050	13
222	145,129	40	17,686	410	174,765	72	14,919	9	1,365	13	5,100	23	4,440	7	918	914,990	1,619,119	14
99	53,306	3	815	1,509	363,818	.....	.....	108	9,252	215	47,526	.....	.....	23	2,128	185,577	1,011,603	15
3	2,637	.....	.....	8	3,900	.....	.....	.....	.....	3	600	.....	.....	.....	.....	6,650	19,300	16
25	15,342	.....	.....	51	18,158	8	2,220	4	502	41	19,287	.....	.....	.....	.....	73,736	164,302	17
472	406,482	.....	.....	2,129	1,223,831	.....	.....	4	624	56	10,070	.....	.....	.....	.....	3,499,162	6,694,395	18
25	13,031	2	950	7	2,374	2	156	.....	.....	2	120	.....	.....	.....	.....	17,001	41,230	19
17	12,116	.....	.....	230	88,221	2	182	5	512	22	13,721	.....	.....	.....	.....	181,773	377,587	20
203	160,352	3	1,560	1,131	522,251	4	646	13	2,166	139	61,855	.....	.....	.....	.....	910,012	2,074,869	21
11	10,240	.....	.....	621	352,835	2	365	.....	.....	.....	.....	.....	.....	.....	.....	225,485	588,925	22
15	10,196	.....	.....	17	5,550	9	1,760	1	208	.....	.....	.....	.....	.....	.....	19,267	47,613	23
13	11,855	.....	.....	33	10,704	8	1,350	.....	.....	.....	.....	25	3,125	.....	.....	43,323	138,259	24
19	16,162	2	615	142	61,277	15	2,270	.....	.....	23	17,562	.....	.....	.....	.....	48,498	194,578	25
216	187,254	3	1,372	269	164,136	54	15,535	4	510	647	336,879	334	80,256	.....	.....	955,761	2,108,850	26
179	129,320	121	59,493	194	91,020	754	167,101	41	3,702	130	77,185	1,423	271,400	70	8,780	1,198,776	2,518,540	27
15	11,652	407	198,973	1	1,040	1,396	318,687	21	2,727	.....	.....	81	27,460	.....	.....	520,191	1,349,789	28
1	1,500	14	7,191	13	10,088	212	105,164	6	546	.....	.....	.....	.....	.....	.....	151,000	305,850	29
8	8,120	2	1,812	32	19,386	.....	.....	1	182	.....	.....	.....	.....	.....	.....	979,539	1,060,316	30
37	20,762	.....	.....	41	19,402	.....	.....	.....	.....	16	2,150	.....	.....	.....	.....	94,673	170,876	31
17	12,894	1	624	67	24,500	8	2,256	1	141	15	9,000	.....	.....	.....	.....	70,555	165,410	32
2	500	.....	.....	15	6,931	.....	.....	.....	.....	11	3,848	.....	.....	.....	.....	14,155	29,769	33
89	55,492	38	12,279	144	67,812	78	16,503	5	677	2	150	48	7,584	20	2,142	353,150	720,328	34
84	61,771	.....	.....	737	307,413	.....	.....	38	4,892	360	164,844	.....	.....	2	200	1,070,671	2,027,916	35
16	12,131	.....	.....	215	73,556	25	5,350	30	3,782	20	3,120	.....	.....	.....	.....	337,085	547,439	36
.....	.....	10	4,470	.....	.....	16	3,320	.....	.....	.....	.....	.....	.....	.....	.....	11,600	22,350	37
16	18,466	.....	.....	268	78,866	372	74,850	178	16,857	.....	.....	.....	.....	.....	.....	643,949	1,090,668	38
8	6,224	.....	.....	65	29,412	6	920	1	208	141	24,836	.....	.....	.....	.....	77,804	174,690	39
30	18,513	1	300	19	8,688	1	240	1	88	.....	.....	.....	.....	.....	.....	15,219	65,944	40
1	1,000	.....	.....	3	600	.....	.....	.....	.....	1	150	.....	.....	.....	.....	1,685	5,180	41
20	13,069	1	260	26	10,533	16	3,285	2	358	1	200	12	2,072	.....	.....	10,142	57,445	42
3	1,832	.....	.....	17	8,366	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,175	24,900	43
9	7,590	.....	.....	5	3,420	.....	.....	4	481	.....	.....	.....	.....	.....	.....	1,480	19,020	44
1	416	6	3,118	.....	.....	12	2,878	.....	.....	.....	.....	.....	.....	.....	.....	7,555	16,200	45
16	12,491	1	700	45	18,474	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	172,869	256,169	46

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KENTUCKY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.					Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
47	Flouring and grist mill products	505	$4,285,649	$2,865,558	$375,522	$919,770	$1,570,266	$1,420,091	$272,883	1,816	$633,747
48	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	65	5,109,609	2,371,974	616,750	823,104	932,120	2,737,635	289,727	3,144	1,747,719
49	Furnishing goods, men's. (See also Shirts.)	3	3,270	450	.....	.....	450	2,820	501	25	7,931
50	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	90	127,351	47,490	13,025	17,735	16,730	79,861	18,287	283	159,399
51	Furniture, chairs	8	307,505	54,742	10,375	15,725	28,642	252,763	69,536	104	46,299
52	Furniture, factory product	19	853,975	281,640	51,452	140,909	89,279	572,335	62,864	892	392,507
53	Gas, illuminating and heating	14	952,258	882,850	67,900	123,500	691,450	69,408	29,085	77	47,217
54	Glass, cutting, staining, and ornamenting.	3	11,125	1,850	.....	.....	1,850	9,275	1,394	23	13,560
55	Grease and tallow. (See also Soap and candles.)	5	55,045	25,000	15,930	7,300	2,670	29,146	1,929	16	8,996
56	Hairwork	12	16,655	2,660	1,000	1,000	660	13,995	3,122	38	13,920
57	Hand knit goods	4	735	190	.....	.....	190	545	410	8	2,950
58	Hand stamps	5	10,708	7,410	.....	.....	7,410	3,298	1,719	12	6,644
59	Hats and caps, not including wool hats. (See also Fur goods.)	3	1,065	200	.....	.....	200	865	342	7	2,822
60	Ice, artificial	12	708,735	525,025	58,600	81,045	385,380	183,710	28,395	197	96,972
61	Instruments, professional and scientific	3	17,075	3,500	.....	.....	3,500	13,575	987	16	7,954
62	Iron and steel	8	1,974,527	1,157,600	195,600	177,000	785,000	816,927	102,019	1,118	603,031
63	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	12	604,210	370,060	124,500	104,900	140,660	234,156	42,136	471	271,365
64	Jewelry. (See also Watch, clock, and jewelry repairing.)	4	30,535	6,750	.....	.....	6,750	23,785	2,402	35	19,308
65	Lamps and reflectors	3	13,615	2,165	.....	.....	2,165	11,450	611	10	8,173
66	Leather, tanned and curried	31	2,519,339	706,217	254,225	310,892	141,100	1,813,122	109,684	635	351,028
67	Lime and cement	12	200,565	127,405	67,725	30,430	29,250	73,160	17,433	207	76,108
68	Liquors, distilled	126	10,966,210	4,362,298	414,814	2,395,845	1,551,639	6,603,912	7,631,619	1,992	739,381
69	Liquors, malt. (See also Bottling.)	29	4,005,743	2,824,550	581,078	868,800	1,374,681	1,181,184	818,803	597	464,857
70	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	3	86,441	59,471	.....	.....	59,471	26,970	8,303	81	41,118
71	Lock and gun smithing	50	43,168	24,645	7,300	6,850	10,495	18,523	7,367	86	47,286
72	Looking-glass and picture frames	19	64,585	7,470	1,500	1,600	4,370	57,115	6,368	53	32,529
73	Lumber and other mill products from logs or bolts.	595	6,554,974	3,137,392	649,148	647,165	1,841,079	3,417,582	380,272	6,782	1,798,855
74	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	60	1,849,386	739,767	224,248	207,185	308,334	1,109,619	88,000	1,506	768,241
75	Malt. (See also Liquors, malt.)	5	413,700	202,000	29,000	142,000	31,000	211,700	23,620	74	45,128
76	Marble and stone work. (See also Monuments and tombstones.)	21	429,875	207,820	67,100	36,950	103,770	222,055	30,894	406	265,522
77	Masonry, brick and stone. (See also Plastering and stuccowork.)	160	725,809	246,170	91,300	91,000	63,870	479,639	62,926	1,429	914,087
78	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	30	71,727	33,352	4,700	24,700	3,952	38,375	5,800	100	49,338
79	Millinery and lace goods. (See also Artificial feathers and flowers.)	3	38,800	1,400	.....	.....	1,400	37,400	2,205	56	17,611
80	Millinery, custom work	139	331,362	93,848	37,190	41,350	15,308	237,514	51,622	509	151,683
81	Mineral and soda waters. (See also Bottling.)	12	104,535	75,750	13,850	13,300	48,600	28,785	11,462	71	33,513
82	Models and patterns	10	9,771	6,730	2,000	3,000	1,730	3,041	1,803	12	9,198
83	Monuments and tombstones. (See also Marble and stone work.)	48	262,445	76,575	31,000	25,040	20,535	185,870	17,019	269	157,870
84	Musical instruments and materials, not specified.	7	8,980	6,930	2,500	3,000	1,430	2,050	1,269	13	9,231
85	Musical instruments, pianos and materials.	3	12,410	7,500	2,500	4,650	350	4,910	2,194	9	5,438
86	Optical goods	4	12,910	5,625	3,000	2,100	625	7,285	1,348	9	4,554
87	Painting and paper hanging	258	499,504	143,010	52,400	54,665	35,945	356,494	54,688	1,201	706,438
88	Paints. (See also Chemicals, Varnish.)	4	203,229	99,284	33,800	32,600	32,884	103,945	11,875	50	30,280
89	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	18	50,546	11,821	1,100	2,900	7,821	38,725	17,022	62	24,682
90	Paving and paving materials	34	262,189	75,208	10,600	13,850	50,758	186,981	34,327	459	209,012
91	Photography	48	88,653	57,565	7,515	6,800	43,250	31,088	18,079	124	70,956

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KENTUCKY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecewerkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
485	$236,527	3	$1,414	1,280	$384,218	4	$215	11	$928	33	$10,445	.....	.....	.....	.....	$7,917,917	$9,681,259	47
191	231,411	6	3,342	2,295	1,136,104	12	2,444	53	8,478	587	365,940	.....	.....	.....	.....	2,667,393	5,565,321	48
2	1,600	1	500	1	416	1	215	.....	.....	12	2,800	8	$2,400	.....	.....	6,200	15,950	49
94	66,853	3	1,175	167	87,281	8	1,425	5	382	6	2,283	.....	.....	.....	.....	148,762	392,005	50
12	12,084	.....	.....	49	24,419	.....	.....	9	1,148	12	5,264	.....	.....	22	$3,384	90,645	247,227	51
49	51,235	2	844	698	292,751	2	500	76	13,821	65	33,356	.....	.....	.....	.....	416,137	1,109,252	52
24	16,550	.....	.....	51	30,522	.....	.....	2	145	.....	.....	.....	.....	.....	.....	48,137	226,588	53
5	3,340	.....	.....	18	10,220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,429	28,925	54
6	3,792	.....	.....	10	5,204	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50,915	64,650	55
6	2,914	9	4,610	.....	.....	23	6,396	.....	.....	.....	.....	.....	.....	.....	.....	13,410	34,149	56
.....	.....	4	1,650	.....	.....	4	1,300	.....	.....	.....	.....	.....	.....	.....	.....	5,420	9,809	57
5	4,070	1	312	4	2,080	.....	.....	2	182	.....	.....	.....	.....	.....	.....	3,820	16,158	58
1	800	2	866	2	936	2	220	.....	.....	.....	.....	.....	.....	.....	.....	1,990	5,800	59
24	22,034	.....	.....	173	74,938	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55,370	275,093	60
3	2,028	.....	.....	13	5,926	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,485	13,280	61
42	58,795	.....	.....	1,065	541,736	.....	.....	11	2,500	.....	.....	.....	.....	.....	.....	1,312,699	2,163,471	62
32	47,392	3	1,300	423	220,053	.....	.....	13	2,620	.....	.....	.....	.....	.....	.....	444,901	859,070	63
5	5,300	.....	.....	28	13,826	.....	.....	2	182	.....	.....	.....	.....	.....	.....	33,451	64,183	64
4	3,952	.....	.....	6	4,221	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,036	16,500	65
53	61,097	.....	.....	405	189,822	1	468	1	182	174	99,147	1	312	.....	.....	2,573,299	3,487,570	66
11	8,793	.....	.....	172	60,003	.....	.....	3	200	21	7,112	.....	.....	.....	.....	104,211	234,640	67
244	193,342	4	2,672	1,656	502,962	1	100	.....	.....	86	40,205	.....	.....	1	100	3,876,591	15,159,648	68
87	143,912	1	260	509	320,685	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	853,126	2,600,897	69
6	6,000	1	500	70	33,708	4	910	.....	.....	.....	.....	.....	.....	.....	.....	48,560	127,800	70
45	29,013	.....	.....	38	18,008	.....	.....	3	265	.....	.....	.....	.....	.....	.....	17,544	84,524	71
14	10,440	.....	.....	30	19,673	5	1,912	3	384	1	120	.....	.....	.....	.....	42,646	100,460	72
535	245,816	1	600	5,854	1,444,786	7	1,152	105	10,354	277	95,382	.....	.....	3	765	4,370,822	7,869,082	73
116	121,304	1	450	1,335	627,870	1	75	24	3,832	29	14,910	.....	.....	.....	.....	1,873,328	3,073,692	74
8	9,828	.....	.....	66	35,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	371,049	508,290	75
25	21,728	.....	.....	357	233,490	.....	.....	8	2,124	16	8,180	.....	.....	.....	.....	325,902	740,430	76
158	153,103	.....	.....	1,271	760,984	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,301,878	2,675,313	77
34	20,353	.....	.....	39	18,119	6	1,456	1	24	17	8,756	3	630	.....	.....	81,839	159,450	78
3	2,145	1	624	.....	.....	52	14,842	.....	.....	.....	.....	.....	.....	.....	.....	83,025	130,000	79
25	12,658	112	51,483	6	1,118	360	85,866	3	508	.....	.....	3	50	.....	.....	364,067	714,667	80
17	12,813	.....	.....	53	20,482	.....	.....	1	218	.....	.....	.....	.....	.....	.....	65,793	164,051	81
7	5,525	1	657	4	3,016	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,153	18,550	82
60	47,202	1	520	200	107,648	.....	.....	.....	.....	8	2,500	.....	.....	.....	.....	202,701	476,039	83
7	5,355	.....	.....	6	3,878	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,270	14,300	84
2	1,700	.....	.....	6	3,488	.....	.....	.....	.....	1	250	.....	.....	.....	.....	4,422	13,500	85
5	3,204	.....	.....	4	1,350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,725	12,300	86
286	214,524	3	898	745	403,071	1	400	5	666	157	85,463	.....	.....	4	416	628,675	1,643,163	87
10	11,974	.....	.....	34	16,774	3	624	1	78	2	830	.....	.....	.....	.....	179,074	243,439	88
24	16,600	3	1,650	14	4,162	15	1,350	5	620	1	300	.....	.....	.....	.....	41,190	105,143	89
38	34,670	.....	.....	422	174,142	.....	.....	.....	.....	1	200	.....	.....	.....	.....	278,559	643,485	90
39	33,362	7	2,412	63	31,142	12	3,615	.....	.....	3	525	.....	.....	.....	.....	41,720	173,357	91

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KENTUCKY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
92	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	5	$106,750	$58,350	$25,300	$24,600	$8,450	$48,400	$4,680	78	$22,478
93	Plastering and stuccowork. (See also Masonry, brick and stone.)	82	136,054	67,875	23,600	28,950	15,325	68,179	19,307	447	289,953
94	Plumbing and gas fitting	83	261,916	73,270	20,240	24,100	28,930	188,646	33,175	483	275,887
95	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	56	380,512	241,900	20,000	28,400	193,500	138,612	28,172	397	182,206
96	Printing and publishing newspapers and periodicals. (See also Bookbinding and blank-book making.)	184	2,397,213	1,593,127	189,825	360,595	1,042,707	804,086	395,065	1,800	1,106,423
97	Pumps, not including steam pumps	3	40,923	21,625	11,150	5,150	5,325	19,298	1,458	20	11,830
98	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	113	410,707	165,795	59,295	54,800	51,700	244,912	57,062	519	280,655
99	Saddlery and harness	141	1,403,476	238,428	62,069	89,080	87,279	1,165,048	80,660	1,130	540,277
100	Scales and balances	3	4,440	1,375	----------	----------	1,375	3,065	1,607	20	11,058
101	Sewing machine repairing	6	4,450	1,955	700	500	755	2,495	870	9	7,261
102	Shipbuilding	29	53,511	46,535	15,850	10,650	20,035	6,976	3,157	88	41,577
103	Shirts. (See also Furnishing goods, men's.)	33	37,313	21,525	4,100	3,800	13,625	15,788	6,521	142	43,148
104	Slaughtering and meat packing, wholesale.	17	1,415,373	357,300	93,950	175,200	88,150	1,058,073	130,312	439	161,571
105	Slaughtering, wholesale, not including meat packing.	9	32,572	15,102	3,400	7,100	4,602	17,470	4,804	30	18,813
106	Soap and candles. (See also Grease and tallow.)	6	452,823	254,552	112,552	81,000	61,000	198,271	9,389	89	41,169
107	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	3	178,189	61,910	9,000	7,000	45,910	116,279	13,933	91	55,062
108	Timber products, not manufactured at mill.	4	16,400	7,900	2,700	----------	5,200	8,500	1,525	81	17,415
109	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	93	448,157	201,468	58,400	56,778	86,290	246,689	31,170	533	266,533
110	Tobacco, chewing, smoking, and snuff	38	2,687,471	632,536	107,103	224,600	300,833	2,054,935	2,320,144	2,627	808,482
111	Tobacco, cigars and cigarettes	144	528,297	105,568	40,740	43,620	21,208	422,729	138,541	853	375,259
112	Tobacco, stemming and rehandling	79	1,675,083	467,290	110,950	276,900	79,440	1,207,793	110,641	2,372	443,340
113	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	7	3,998	2,470	400	230	1,840	1,528	703	10	5,911
114	Trunks and valises	16	336,911	59,370	14,500	25,000	19,870	277,541	31,368	436	180,958
115	Umbrellas and canes	7	9,485	3,275	2,000	1,000	275	6,210	1,574	12	5,654
116	Vinegar and cider	11	374,737	162,630	37,500	59,600	65,530	212,107	30,352	119	74,518
117	Washing machines and clothes wringers.	8	4,770	860	----------	----------	860	3,910	1,034	14	8,799
118	Watch, clock, and jewelry repairing. (See also Jewelry.)	85	114,433	68,092	20,910	23,500	23,682	46,341	14,711	172	106,652
119	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	13	353,704	140,679	30,000	46,000	64,679	213,025	14,966	363	143,237
120	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	19	307,953	120,590	31,350	33,120	56,120	187,363	17,091	341	151,900
121	Woolen goods. (See also Hosiery and knit goods; Worsted goods.)	40	2,560,737	1,211,056	69,935	309,960	831,161	1,349,681	176,755	1,803	554,544
122	All other industries (a)	89	2,584,629	1,557,759	307,597	409,557	840,605	1,026,870	150,066	2,560	1,152,732

a Embraces artificial feathers and flowers, 2; artificial limbs, 1; bagging, flax, hemp, and jute, 1; baking and yeast powders, 2; bells, 1; belting and hose, leather, 1; bicycle and tricycle repairing, 1; bluing, 1; boot and shoe cut stock, 2; boxes, fancy and paper, 2; buttons, 1; carriages and sleds, children's, 2; cars and general shop construction and repairs by street railroad companies, 2; cars, steam railroad, not including operations of railroad companies, 2; cheese, butter, and condensed milk, factory product, 1; china, decorating, 2; cigar molds, 1; clothing, men's, factory product, buttonholes, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; files, 1; flags and banners, 1; flavoring extracts, 1; foundry supplies, 1; fruits and vegetables, canning and preserving, 2; fur goods, 2; gas machines and meters, 1; glass, 2; glue, 1; gold and silver, leaf and foil, 1; hardware, 1; hosiery and knit goods, 2; house furnishing goods, not

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KENTUCKY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
10	$8,566	.....	.....	22	$9,462	44	$4,250	.....	.....	2	$200	.....	.....	.....	.....	$70,910	$129,850	92
81	72,559	.....	.....	358	214,014	.....	.....	.....	.....	8	2,480	.....	.....	.....	.....	282,786	699,897	93
112	94,968	1	$468	356	178,473	.....	.....	13	$1,888	1	90	.....	.....	.....	.....	358,089	787,864	94
66	46,999	3	1,980	200	100,968	71	15,074	26	3,676	30	13,149	1	$360	.....	.....	157,884	457,435	95
233	249,273	37	17,633	1,052	595,195	96	25,985	102	11,127	275	205,080	5	2,130	.....	.....	481,713	2,552,701	96
3	1,600	.....	.....	17	10,140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,785	29,604	97
113	83,278	1	156	383	192,989	1	400	20	3,782	1	50	.....	.....	.....	.....	743,608	1,408,819	98
203	144,476	6	2,485	659	272,743	12	2,532	27	3,258	205	110,301	14	3,962	4	$520	1,180,278	2,113,726	90
7	3,864	.....	.....	13	7,194	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,949	20,797	100
4	4,700	1	500	4	2,061	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,039	13,363	101
26	15,612	.....	.....	62	25,965	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31,675	95,545	102
13	8,326	24	10,338	3	1,762	61	14,946	.....	.....	.....	.....	41	8,376	.....	.....	17,858	85,874	103
48	42,377	.....	.....	370	115,775	.....	.....	1	104	20	3,315	.....	.....	.....	.....	2,283,997	2,968,227	104
7	7,240	.....	.....	23	11,573	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	320,667	405,784	105
18	13,840	1	500	55	24,050	15	2,779	.....	.....	.....	.....	.....	.....	.....	.....	197,000	280,702	106
13	17,040	1	360	77	37,662	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	133,426	232,633	107
5	1,460	.....	.....	64	15,355	.....	.....	.....	.....	12	600	.....	.....	.....	.....	4,570	35,346	108
118	85,210	3	1,540	368	168,964	19	2,960	7	1,014	18	6,845	.....	.....	.....	.....	376,138	838,324	109
135	143,970	13	4,606	1,189	389,411	193	35,065	228	18,969	583	156,871	221	54,784	65	4,806	2,847,081	6,788,586	110
158	94,100	1	400	82	28,008	3	450	56	6,940	452	220,683	75	21,234	26	3,444	384,339	1,058,039	111
108	78,424	2	1,520	1,052	225,444	189	20,495	190	16,649	550	60,878	169	31,820	112	8,110	2,589,005	3,474,750	112
7	4,736	.....	.....	3	1,175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,970	12,405	113
34	28,673	3	1,800	217	84,448	28	6,056	11	1,225	122	55,754	15	2,572	6	432	215,778	528,192	114
7	3,600	.....	.....	2	1,014	3	1,040	.....	.....	.....	.....	.....	.....	.....	.....	9,612	19,185	115
27	23,724	2	700	89	49,734	1	360	.....	.....	.....	.....	.....	.....	.....	.....	316,051	652,810	116
8	5,611	.....	.....	6	3,188	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,570	19,600	117
77	52,701	.....	.....	87	51,589	.....	.....	2	156	6	2,206	.....	.....	.....	.....	72,505	222,594	118
20	22,562	1	780	84	34,363	4	1,112	.....	.....	254	84,420	.....	.....	.....	.....	327,681	679,770	119
21	16,951	.....	.....	243	99,174	.....	.....	3	600	74	35,175	.....	.....	.....	.....	248,605	504,090	120
76	77,266	2	740	716	239,746	637	161,283	178	25,105	1	144	193	50,260	.....	.....	1,365,246	2,351,117	121
164	151,336	12	4,783	1,522	701,715	276	39,741	103	14,743	368	222,159	114	18,105	1	150	2,789,029	4,620,356	122

elsewhere specified, 2; ink, writing, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, forgings, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 2; ivory and bone work, 1; kindling wood, 2; leather, morocco, 1; mirrors, 1; mucilage and paste, 2; musical instruments, organs and materials, 1; oil, cottonseed and cake, 2; oysters, canning and preserving, 1; paper, 1; photolitbographing and engraving, 2; pipes, tobacco, 1; plumbers' supplies, 1; refrigerators, 1; salt, 2; saws, 1; show cases, 2; smelting and refining, 1; sporting goods, 2; stencils and brands, 2; stereotyping and electrotyping, 1; surgical appliances, 2; toys and games, 1; upholstery materials, 1; varnish, 1; watch cases, 1; windmills, 1; window shades, 1; worsted goods, 2.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KENTUCKY—Continued.

BY COUNTIES.

[No manufactures reported from the following counties: Leslie and Perry.]

	COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	The State	7,745	$79,811,980	$36,712,121	$7,468,633	$12,127,764	$17,115,724	$43,099,859	$15,879,728	65,579	$27,761,746
2	Adair	24	29,932	21,672	2,155	4,610	14,907	8,260	712	74	19,529
3	Allen	29	76,063	42,415	1,965	7,800	32,650	33,648	3,844	170	45,985
4	Anderson	34	572,029	238,993	22,013	140,140	76,840	333,036	496,510	313	97,882
5	Ballard	19	93,126	69,800	27,025	9,200	33,575	23,326	3,714	128	30,730
6	Barren	24	84,498	68,348	6,218	16,365	45,765	16,150	6,215	88	25,297
7	Bath	10	42,763	21,440	1,860	4,450	15,130	21,323	2,579	36	10,646
8	Bell	12	235,842	140,977	10,002	15,225	115,750	94,865	7,045	151	51,990
9	Boone	37	431,029	136,975	5,500	89,250	42,225	294,054	1,012,708	149	60,851
10	Bourbon	115	919,805	296,905	46,155	159,740	91,010	622,900	287,909	489	165,113
11	Boyd	85	1,478,620	949,300	130,880	199,510	618,910	529,320	95,070	1,156	431,205
12	Boyle	25	159,073	94,300	9,375	26,260	58,665	64,773	5,351	157	54,453
13	Bracken	36	71,485	45,395	6,310	16,370	22,715	26,090	3,753	94	29,360
14	Breathitt	3	5,020	3,845	320	325	3,200	1,175	216	7	1,137
15	Breckinridge	44	97,098	63,032	7,355	13,345	42,332	34,066	2,398	190	54,713
16	Bullitt	7	45,325	34,475	5,850	17,950	10,675	10,850	3,117	36	10,824
17	Butler	13	28,475	24,080	1,455	5,625	17,000	4,395	1,521	33	9,109
18	Caldwell	69	275,998	121,646	19,350	38,486	63,810	154,352	20,618	436	89,651
19	Calloway	15	55,217	16,880	3,280	5,290	8,310	38,337	16,988	98	14,985
20	Campbell	1,096	3,690,987	2,033,340	524,083	621,045	888,212	1,657,647	353,253	5,123	2,578,527
21	Carlisle	5	4,285	3,005	200	425	2,380	1,280	574	10	2,526
22	Carroll	13	542,851	258,335	6,920	100,815	150,600	284,516	270,560	178	53,738
23	Carter	21	208,976	101,790	36,095	18,395	47,300	107,186	4,388	194	46,219
24	Casey	30	60,312	40,897	2,721	3,550	34,626	19,415	2,130	159	27,875
25	Christian	46	241,625	168,320	17,465	36,995	113,860	73,305	13,959	300	110,416
26	Clark	58	964,970	264,490	58,230	106,320	99,940	700,480	30,514	595	236,691
27	Clay	4	7,480	6,630	50	775	5,805	850	332	23	6,145
28	Clinton	12	10,890	9,686	1,385	2,570	5,725	1,210	582	17	2,930
29	Crittenden	6	4,755	4,075	675	350	3,050	680	252	12	1,445
30	Cumberland	4	13,580	9,270	20	50	9,200	4,310	2,200	15	3,719
31	Daviess	95	1,923,008	797,780	175,933	267,045	354,802	1,125,228	787,127	1,274	403,703
32	Edmonson	9	13,702	12,227	1,412	915	9,900	1,475	565	30	7,460
33	Elliott	13	18,879	11,365	560	1,955	8,850	7,514	1,334	40	5,749
34	Estill	12	24,139	19,484	4,942	1,360	13,182	4,655	471	47	8,629
35	Fayette	201	1,695,410	898,125	204,525	249,040	444,560	797,285	129,884	1,584	830,002
36	Fleming	49	117,794	84,365	4,615	46,870	32,880	33,429	6,543	128	35,507
37	Franklin	100	2,977,114	1,052,365	83,345	350,650	618,370	1,924,749	797,501	1,087	425,339
38	Fulton	56	412,970	194,654	33,214	56,615	104,825	218,316	31,344	476	152,630
39	Gallatin	5	8,765	6,700	800	1,150	4,750	2,065	705	12	2,895
40	Garrard	12	39,252	22,940	2,490	8,505	11,495	16,312	1,713	24	9,852
41	Grant	40	82,989	64,180	4,125	15,560	44,495	18,809	6,206	85	30,750
42	Graves	89	392,373	207,815	25,640	53,475	128,700	184,558	31,145	402	125,262
43	Grayson	19	90,074	73,145	35,485	12,620	25,040	16,929	1,711	65	13,281
44	Green	22	34,977	24,827	6,670	3,782	14,375	10,150	1,210	69	11,461
45	Greenup	17	192,635	82,117	18,210	26,942	36,965	110,518	5,836	125	35,509
46	Hancock	24	39,835	28,184	2,704	5,385	20,095	11,651	3,180	98	20,191
47	Hardin	51	174,498	103,195	17,385	27,370	58,440	71,303	13,131	234	49,730
48	Harlan	4	6,984	0,650	1,785	360	4,505	334	143	16	1,831
49	Harrison	42	305,131	136,172	17,012	58,950	60,210	168,959	81,075	177	59,388
50	Hart	28	69,752	47,640	11,680	9,460	26,500	22,112	2,076	54	15,065
51	Henderson	104	1,767,773	1,005,629	109,100	323,295	573,234	762,144	194,345	1,791	496,974
52	Henry	40	69,889	42,183	5,510	14,513	22,160	27,706	3,598	105	23,576
53	Hickman	15	59,455	34,545	3,320	7,600	23,625	24,910	6,499	106	38,739
54	Hopkins	50	320,827	142,112	13,590	39,749	88,773	178,715	21,298	500	103,227
55	Jackson	4	5,255	4,355	5	400	3,950	900	232	8	900
56	Jefferson	1,752	38,200,101	16,227,195	3,917,154	5,578,474	6,731,567	21,972,906	6,464,257	28,503	12,953,497
57	Jessamine	27	302,438	131,700	10,425	43,225	78,050	170,738	18,253	183	56,988
58	Johnson	8	7,658	3,708	955	1,798	955	3,950	217	11	2,109
59	Kenton	1,350	7,217,342	3,386,288	837,845	924,750	1,623,693	3,831,054	1,167,451	8,138	4,542,932
60	Knox	22	60,914	34,075	1,485	2,975	29,615	26,839	4,599	158	30,063
61	Larue	21	1,343,471	465,285	12,875	256,100	196,310	878,186	498,007	162	62,868
62	Laurel	25	65,579	41,280	4,930	3,460	32,890	24,299	3,028	124	21,332
63	Lewis	25	115,331	66,110	30,185	13,005	22,920	49,221	3,725	135	37,675
64	Lincoln	49	133,610	80,470	8,640	19,470	52,360	53,140	5,744	165	40,096
65	Livingston	24	28,525	23,560	955	3,660	18,945	4,965	1,412	59	9,480
66	Logan	31	112,121	81,975	10,030	18,070	53,875	30,146	6,983	146	31,604
67	Lyon	10	13,599	11,382	4,245	4,325	2,812	2,217	573	30	5,141
68	McCracken	173	1,548,673	881,638	214,676	225,785	441,177	667,035	218,998	2,003	818,515
69	McLean	18	65,525	41,665	4,285	8,125	29,255	23,860	4,591	152	33,623
70	Madison	63	698,383	279,818	29,885	171,330	78,603	418,565	226,569	229	87,460
71	Marion	62	623,635	226,293	33,960	115,983	76,350	397,342	334,023	277	87,378

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KENTUCKY—Continued.

BY COUNTIES.

[No manufactures reported from the following counties: Leslie and Perry.]

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
8,074	$5,988,985	947	$445,930	39,150	$16,213,096	5,425	$1,243,275	1,895	$227,070	6,865	$2,999,381	2,855	$607,239	368	$38,770	$63,677,583	$126,719,857	1
19	7,564	.....	.....	54	11,861	.....	.....	1	104	.....	.....	.....	.....	.....	.....	32,023	65,365	2
27	10,668	.....	.....	139	35,142	3	115	.....	.....	.....	.....	1	60	.....	.....	125,560	203,329	3
31	16,963	1	780	270	80,439	1	100	10	500	.....	.....	.....	.....	.....	.....	379,416	1,502,031	4
13	4,276	.....	.....	111	25,849	.....	.....	4	605	.....	.....	.....	.....	.....	.....	62,912	119,886	5
20	9,470	.....	.....	67	15,677	.....	.....	.....	.....	1	150	.....	.....	.....	.....	133,338	190,273	6
6	3,496	.....	.....	29	7,050	.....	.....	1	100	.....	.....	.....	.....	.....	.....	42,624	59,550	7
12	7,880	.....	.....	122	41,051	.....	.....	4	610	13	2,449	.....	.....	.....	.....	99,881	178,210	8
32	13,102	.....	.....	117	47,749	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	211,075	1,328,805	9
80	35,198	12	4,956	346	113,320	33	7,420	6	125	11	3,844	1	250	.....	.....	390,151	1,083,918	10
56	38,268	2	1,016	950	366,153	28	5,281	96	13,159	23	7,253	1	75	.....	.....	1,278,804	2,028,887	11
18	10,871	.....	.....	126	41,104	.....	.....	14	1,542	1	936	.....	.....	.....	.....	275,098	373,984	12
32	12,075	1	416	56	15,629	2	250	.....	.....	3	990	.....	.....	.....	.....	70,753	119,374	13
1	87	.....	.....	5	650	1	400	.....	.....	.....	.....	.....	.....	.....	.....	2,134	4,038	14
36	11,560	.....	.....	145	42,728	.....	.....	.....	.....	9	425	.....	.....	.....	.....	112,834	200,312	15
6	2,288	1	450	29	8,086	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76,315	105,975	16
6	2,591	.....	.....	27	6,518	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,337	37,905	17
55	23,519	5	1,673	207	52,132	18	2,273	15	895	56	5,306	25	2,640	55	1,213	349,636	545,294	18
18	6,215	.....	.....	46	7,400	11	500	21	620	1	125	1	125	.....	.....	39,214	89,053	19
832	631,857	326	159,796	2,455	1,318,343	687	160,163	23	3,749	448	227,869	347	76,184	5	566	2,305,214	7,229,769	20
4	1,326	.....	.....	6	1,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,430	9,820	21
15	7,644	.....	.....	113	35,944	32	7,500	18	2,650	.....	.....	.....	.....	.....	.....	192,911	647,409	22
19	8,907	.....	.....	154	34,163	5	900	15	2,000	1	249	.....	.....	.....	.....	64,085	147,979	23
15	3,073	.....	.....	141	24,542	.....	.....	1	60	.....	.....	2	200	.....	.....	62,412	108,411	24
34	22,639	.....	.....	244	80,461	7	1,716	.....	.....	15	5,600	.....	.....	.....	.....	318,300	528,985	25
69	48,332	3	1,176	510	183,881	12	3,224	1	78	.....	.....	.....	.....	.....	.....	1,100,351	1,531,683	26
2	415	.....	.....	21	5,730	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,494	20,023	27
6	981	.....	.....	10	1,829	.....	.....	1	120	.....	.....	.....	.....	.....	.....	15,914	21,383	28
1	260	.....	.....	10	1,110	.....	.....	.....	.....	1	75	.....	.....	.....	.....	2,202	6,280	29
3	1,199	.....	.....	10	2,420	.....	.....	2	100	.....	.....	.....	.....	.....	.....	38,954	54,714	30
82	65,886	4	1,255	745	285,611	29	6,355	27	3,128	373	40,726	9	540	5	202	1,174,629	2,776,850	31
4	1,498	.....	.....	24	4,762	.....	.....	.....	.....	2	1,200	.....	.....	.....	.....	15,375	32,643	32
3	530	.....	.....	37	5,219	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,050	23,541	33
2	560	.....	.....	45	8,069	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,314	38,851	34
234	248,355	39	20,235	923	437,726	229	44,404	19	1,422	125	74,176	15	3,684	.....	.....	1,299,330	2,779,912	35
34	12,663	.....	.....	92	22,444	.....	.....	.....	.....	2	400	.....	.....	.....	.....	140,757	199,892	36
104	80,556	3	1,158	776	294,748	51	12,639	45	5,383	107	30,803	.....	.....	1	52	1,547,753	3,534,858	37
32	18,246	.....	.....	371	115,408	11	2,740	34	4,520	27	11,353	.....	.....	1	365	420,860	722,726	38
1	400	.....	.....	9	2,400	.....	.....	1	75	1	20	.....	.....	.....	.....	2,524	7,315	39
13	4,928	.....	.....	10	4,717	.....	.....	.....	.....	1	207	.....	.....	.....	.....	38,393	55,335	40
33	14,735	.....	.....	50	15,815	.....	.....	.....	.....	2	200	.....	.....	.....	.....	176,418	255,587	41
70	37,592	5	1,894	257	70,350	25	3,495	14	905	27	10,966	4	60	.....	.....	401,945	645,202	42
20	5,550	.....	.....	43	7,554	1	152	1	25	.....	.....	.....	.....	.....	.....	81,377	112,406	43
19	5,183	.....	.....	43	5,828	1	100	.....	.....	6	350	.....	.....	.....	.....	65,489	93,962	44
16	9,328	.....	.....	105	26,144	.....	.....	.....	.....	4	37	.....	.....	.....	.....	139,109	193,248	45
20	5,296	.....	.....	78	14,895	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38,863	73,326	46
44	18,169	.....	.....	110	22,812	20	3,120	1	104	39	3,525	20	2,000	.....	.....	182,100	280,226	47
2	200	.....	.....	14	1,631	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,095	10,625	48
35	16,497	.....	.....	135	40,208	1	208	.....	.....	6	2,475	.....	.....	.....	.....	207,208	386,016	49
30	10,316	.....	.....	24	4,749	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77,823	117,364	50
120	79,273	5	1,378	1,013	289,893	384	83,729	78	8,601	148	27,300	30	5,250	15	1,550	1,632,076	2,654,967	51
29	8,793	.....	.....	60	13,991	.....	.....	9	600	1	70	1	60	5	62	39,547	84,331	52
13	4,480	.....	.....	89	33,559	.....	.....	4	700	.....	.....	.....	.....	.....	.....	49,929	119,500	53
51	20,620	.....	.....	310	69,175	59	4,539	72	6,048	8	2,845	.....	.....	.....	.....	244,789	457,303	54
1	100	.....	.....	7	800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,450	8,280	55
2,789	2,453,585	359	161,995	15,429	7,067,179	2,631	651,704	930	129,825	3,901	1,972,401	2,255	490,023	209	26,805	29,343,619	57,097,541	56
31	16,149	.....	.....	145	40,521	.....	.....	7	318	.....	.....	.....	.....	.....	.....	160,290	270,518	57
7	1,305	.....	.....	4	804	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,390	6,590	58
1,387	1,233,782	137	70,807	4,944	2,734,429	693	154,929	20	3,059	862	327,729	95	18,197	.....	.....	8,704,336	17,092,653	59
15	3,638	.....	.....	142	26,125	.....	.....	.....	.....	1	300	.....	.....	.....	.....	58,707	113,253	60
21	11,165	.....	.....	113	37,483	.....	.....	.....	.....	28	14,220	.....	.....	.....	.....	333,211	1,073,437	61
29	6,965	.....	.....	91	13,707	.....	.....	.....	.....	4	660	.....	.....	.....	.....	51,617	91,550	62
16	4,529	1	600	104	26,126	.....	.....	2	400	12	6,020	.....	.....	.....	.....	96,205	154,089	63
42	17,208	.....	.....	116	22,484	.....	.....	7	404	.....	.....	.....	.....	.....	.....	159,755	245,192	64
25	6,837	.....	.....	34	2,643	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,655	55,046	65
31	10,012	.....	.....	114	21,442	.....	.....	.....	.....	1	150	.....	.....	.....	.....	207,698	273,478	66
5	1,170	.....	.....	22	3,471	.....	.....	.....	.....	3	500	.....	.....	.....	.....	6,569	14,381	67
186	137,392	27	9,565	1,288	535,873	99	17,421	106	12,084	243	100,607	13	1,327	41	4,244	1,447,903	2,980,788	68
11	4,639	.....	.....	132	27,684	6	900	2	100	1	300	.....	.....	.....	.....	57,368	112,447	69
49	29,952	.....	.....	155	42,283	.....	.....	2	175	23	15,050	.....	.....	.....	.....	319,767	812,175	70
60	28,493	.....	.....	202	53,547	.....	.....	5	433	8	4,700	.....	.....	2	200	361,371	966,457	71

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

KENTUCKY—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
72	Marshall	15	$29,444	$20,970	$2,815	$5,130	$13,025	$8,474	$1,191	51	$11,636
73	Mason	131	1,518,956	597,014	98,385	201,395	297,234	921,942	153,280	978	323,441
74	Meade	26	194,337	137,140	27,640	43,510	65,990	57,197	7,681	163	36,361
75	Menifee	15	25,035	14,200	305	1,180	12,715	10,835	1,085	79	9,036
76	Mercer	43	606,631	273,230	19,640	162,325	91,265	333,401	119,668	181	70,819
77	Metcalfe	26	30,569	22,033	1,768	3,240	17,025	8,536	2,726	79	12,577
78	Monroe	22	32,838	22,835	5,329	2,850	14,656	10,003	864	59	13,727
79	Montgomery	23	119,512	103,945	17,965	27,150	58,830	15,567	7,904	87	29,152
80	Morgan	9	19,555	15,600	525	3,225	11,850	3,955	1,334	21	4,876
81	Muhlenberg	24	220,989	87,635	13,295	27,380	46,960	133,354	72,788	371	74,134
82	Nelson	67	876,084	490,674	43,499	226,640	220,535	385,410	852,568	376	115,657
83	Nicholas	10	103,985	41,355	3,625	13,725	24,005	62,630	8,339	62	17,952
84	Ohio	38	79,689	55,595	6,140	9,505	39,950	24,094	4,375	118	32,766
85	Oldham	17	12,187	7,430	1,365	1,800	4,265	4,757	1,381	25	8,167
86	Owen	27	31,090	19,550	1,915	5,475	12,160	11,540	3,536	67	15,459
87	Pendleton	48	185,275	69,655	8,845	19,840	40,970	115,620	25,017	162	42,907
88	Pike	10	21,575	11,530	2,080	2,035	7,415	10,045	355	39	8,270
89	Powell	7	703,032	496,900	8,340	230,950	257,610	206,132	41,389	334	44,322
90	Pulaski	34	166,132	115,064	21,065	25,849	68,150	51,068	6,384	355	133,883
91	Robertson	10	12,406	7,225	550	2,400	4,275	5,181	519	18	5,995
92	Rockcastle	8	29,990	15,430	2,365	2,445	10,620	14,560	4,764	42	6,962
93	Rowan	7	436,150	245,375	115,000	24,150	106,225	190,775	6,383	122	40,850
94	Scott	20	140,455	78,020	13,995	24,325	39,700	62,435	14,822	73	21,235
95	Shelby	43	190,490	99,971	10,360	24,400	65,211	90,519	12,077	122	42,676
96	Simpson	23	110,690	62,250	4,850	12,555	44,845	48,440	14,017	116	28,778
97	Spencer	30	74,610	40,435	1,645	11,565	27,225	34,175	4,625	69	16,972
98	Taylor	20	122,981	62,659	5,692	21,408	35,559	60,322	6,037	132	38,593
99	Todd	37	127,246	91,345	11,945	19,975	59,425	35,901	9,005	131	28,376
100	Trigg	18	75,910	44,565	4,310	9,075	31,180	31,345	2,497	42	10,706
101	Trimble	13	76,113	65,380	1,930	40,725	22,725	10,733	240,846	47	19,149
102	Union	33	226,692	124,880	9,920	35,665	79,355	101,812	163,388	243	75,222
103	Warren	97	531,887	328,047	66,547	107,760	153,740	203,840	33,352	630	236,833
104	Washington	31	38,485	28,450	2,125	7,010	19,315	10,035	2,818	68	13,796
105	Wayne	11	20,743	13,150	1,460	3,000	8,690	7,593	1,861	18	2,336
106	Webster	28	163,192	77,259	5,910	36,610	34,739	85,933	9,301	235	46,169
107	Whitley	15	185,144	89,259	42,864	7,745	38,650	95,885	4,493	127	37,921
108	Wolfe	11	20,841	13,285	790	3,035	9,460	7,556	1,008	38	6,461
109	Woodford	27	378,471	219,445	15,025	81,625	122,795	159,026	297,010	167	52,939
110	All other counties (*a*)	14	40,075	27,830	4,860	3,815	19,155	12,245	2,726	89	22,535

a Includes establishments distributed as follows: Floyd, 2; Knott, 1; Lawrence, 2; Lee, 2; Letcher, 1; Magoffin, 2; Martin, 1; Owsley, 2; Russell, 1.

LOUISIANA.

BY SPECIFIED INDUSTRIES.

1	All industries	2,613	34,754,121	20,976,072	4,882,106	4,764,183	11,329,783	13,778,049	3,760,753	31,901	13,159,564
2	Artificial feathers and flowers. (See also Millinery and lace goods.)	7	7,970	2,570	.....	.....	2,570	5,400	2,366	20	7,362
3	Awnings, tents, and sails	4	20,610	1,850	.....	.....	1,850	18,760	2,461	33	26,632
4	Bags, other than paper	3	201,500	13,500	4,500	3,500	5,500	188,000	9,755	95	38,904
5	Baskets and rattan and willow ware	7	6,837	4,842	3,100	1,700	42	1,995	1,102	17	8,029
6	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	153	166,385	99,433	30,105	31,425	37,903	66,952	17,649	401	211,817
7	Bookbinding and blank-book making. (See also Printing and publishing.)	10	23,325	17,700	.....	200	17,500	5,625	3,038	55	27,329
8	Boot and shoe uppers	5	9,755	7,850	3,600	3,000	1,250	1,905	1,012	24	9,487
9	Boots and shoes, custom work and repairing.	222	193,153	96,066	31,200	42,500	22,366	97,087	36,654	620	267,555
10	Boots and shoes, factory product	17	293,244	109,625	22,700	25,800	61,125	183,619	11,653	825	365,280
11	Boxes, cigar	3	24,860	14,000	1,200	1,300	11,500	10,800	3,306	104	35,549
12	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	3	8,975	6,200	.....	.....	6,200	2,775	2,415	85	22,059
13	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	6	99,650	69,650	13,000	15,500	41,150	30,000	6,504	116	49,080
14	Brass castings and brass finishing	3	14,500	8,100	2,000	1,400	4,700	6,400	435	19	9,466
15	Bread and other bakery products	172	623,074	328,363	97,225	123,020	108,118	294,711	108,256	869	425,825
16	Brick and tile. (See also Clay and pottery products.)	22	315,453	240,138	110,175	61,250	68,713	75,315	18,254	640	143,051

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

KENTUCKY—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
8	$2,761			43	$8,875										$43,143	$68,683	72
142	84,684	8	$2,944	438	149,577	93	$14,477	106	$8,767	174	$58,092	12	$4,600	5	$300	917,572	1,641,188	73
22	9,936			61	16,135	45	6,240	35	4,050							107,042	162,867	74
6	1,861			53	6,375					20	800					20,942	40,574	75
44	22,168			123	44,888	2	208	1	75	9	3,220			2	260	267,158	616,225	76
21	6,081			52	5,897					6	599					36,911	69,362	77
19	6,162			40	7,565											38,176	62,079	78
16	7,783			68	21,144			3	225							146,576	202,861	79
3	1,038			16	3,318			1	52	1	468					23,105	35,024	80
17	7,640			210	49,756	25	3,396	46	3,709	30	7,018	21	1,664	22	951	153,411	353,917	81
75	45,706	1	1,300	287	64,322			1	75	12	4,254					445,832	1,624,502	82
12	6,397			45	11,145			1	75	4	335					71,167	106,122	83
34	10,548			80	21,443	3	700			1	75					83,916	140,010	84
12	3,862			12	4,161					1	144					21,904	36,127	85
23	6,974			42	8,345			1	50	1	90					35,012	69,206	86
40	14,421			112	27,088	2	300	4	398	4	700					170,478	289,495	87
12	3,012			27	5,258											11,640	27,592	88
5	1,780			329	42,542											430,440	518,807	89
22	6,744			323	126,663			10	476							160,820	349,264	90
8	4,135			10	1,860											8,353	17,645	91
7	1,050			25	5,012	4	400	6	500							22,345	41,650	92
4	3,762			118	37,088											132,745	231,150	93
18	7,515	1	364	54	13,356											116,125	201,026	94
40	17,030			81	25,466					1	180					171,148	269,208	95
20	6,735			85	20,803	5	1,000	6	240							127,650	204,378	96
20	7,510			47	9,082			1	120	1	260					56,712	98,985	97
12	5,613			109	29,900					11	3,080					85,872	176,870	98
21	8,841			87	15,980			10	60	13	3,495					232,801	303,776	99
18	5,771			21	4,633			2	252			1	50			33,134	53,780	100
7	2,358			40	16,791											118,225	401,262	101
30	17,737	1	400	211	56,985			1	100							198,208	537,522	102
61	35,408	3	1,092	403	153,172	135	37,395	6	606	21	8,910	1	250			444,675	839,146	103
26	7,442	1	300	37	5,529	2	475	2	50							49,329	78,440	104
3	708			15	1,628											22,067	30,664	105
24	10,208			153	31,788	29	2,407	27	1,491	2	275					208,338	291,270	106
12	7,976			115	29,945											77,150	193,970	107
4	1,166	1	380	30	4,900			3	15							18,578	30,598	108
16	7,004			146	43,385			1	150	4	2,400					134,969	657,436	109
8	3,074			77	18,828			2	208	2	425					40,788	82,730	110

LOUISIANA.

BY SPECIFIED INDUSTRIES.

3,267	2,912,703	257	124,292	15,998	6,941,230	2,836	601,893	533	59,523	4,969	1,927,637	3,962	581,336	79	10,950	33,282,724	57,806,713	1
3	2,280	6	2,436	2	492	9	2,154									4,387	18,906	2
8	10,972			25	15,720											41,640	85,500	3
6	6,800			28	11,002	42	16,952	7	1,050			10	2,000	7	1,100	579,175	669,945	4
4	2,107			13	5,922											3,325	15,148	5
134	79,664			257	130,349			6	826	4	978					96,118	406,564	6
12	11,150			35	13,995	8	2,184									6,828	42,622	7
2	1,080			18	8,009			4	398							31,871	54,231	8
212	112,633			178	65,923	1	312	4	598	222	87,939	3	150			195,385	581,639	9
39	36,380			327	145,967	3	300	50	1,800	400	179,933	6	900			412,497	968,017	10
4	4,999			21	9,087	2	146	7	325	10	7,500	60	13,492			49,177	91,512	11
6	4,692	1	1,040	23	7,779	31	4,948	6	792			18	2,808			15,661	52,100	12
8	9,344			98	37,656			10	2,080							75,063	158,100	13
2	1,848			17	7,618											10,425	28,364	14
196	142,294	20	9,021	568	257,249	17	5,472	26	3,699	12	6,750	30	1,340			1,316,149	2,191,126	15
29	20,007			447	109,421	4	700	15	918	40	11,173			5	832	55,841	291,125	16

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

LOUISIANA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYES AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
17	Brooms and brushes	9	$33,994	$12,890	$3,050	$2,450	$7,390	$21,104	$2,736	77	$37,301
18	Carpentering	109	244,218	102,585	37,375	40,350	24,860	141,633	14,829	644	348,809
19	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	61	264,018	127,848	42,150	55,320	30,378	136,170	17,278	350	185,147
20	Cars and general shop construction and repairs by steam railroad companies.	6	156,136	138,114	92,600	23,200	22,314	18,022	101	71	50,656
21	Cars and general shop construction and repairs by street railroad companies.	6	36,100	27,850	13,000	10,000	4,850	8,250	2,190	54	38,787
22	Clay and pottery products. (See also Brick and tile.)	5	41,550	31,800	10,000	7,500	14,300	9,750	2,405	51	23,757
23	Clothing, men's, custom work and repairing.	84	206,385	56,365	27,750	19,125	9,490	150,020	26,858	341	221,060
24	Clothing, men's, factory product	26	1,169,927	140,291	47,400	48,900	43,991	1,029,636	54,060	3,686	612,421
25	Clothing, women's, dressmaking	70	76,531	61,490	30,850	23,700	6,940	15,041	16,323	305	86,152
26	Clothing, women's, factory product	12	36,420	9,570	3,000	3,000	3,570	26,850	6,940	336	43,288
27	Coffee and spice, roasting and grinding	7	60,585	27,160	4,500	4,000	18,600	33,485	6,127	31	12,571
28	Coffins and burial cases, trimming and finishing.	12	46,295	23,765	11,500	10,600	1,665	22,530	2,632	30	16,348
29	Confectionery	19	112,414	67,553	28,200	23,500	15,853	44,861	18,091	122	56,970
30	Cooperage	120	498,130	190,275	84,425	79,040	26,810	307,855	26,741	833	355,133
31	Cordials and sirups	5	21,133	13,220	6,150	5,650	1,420	7,913	2,081	23	16,140
32	Corsets	5	3,190	680	----	----	680	2,510	1,063	15	6,396
33	Cotton, cleaning and rehandling	7	25,500	16,000	7,000	7,000	2,000	9,500	3,953	124	26,750
34	Cotton, compressing	16	1,624,482	1,564,000	427,000	529,000	608,000	60,482	127,142	1,115	669,069
35	Cotton, ginning	59	156,990	153,325	10,085	44,165	99,075	3,665	10,380	330	39,970
36	Cutlery and edge tools	13	12,040	9,050	----	----	9,050	2,990	2,969	24	14,744
37	Dentistry, mechanical	7	13,265	12,900	3,000	5,000	4,900	365	1,773	8	9,529
38	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	8	14,192	11,400	6,500	4,500	400	2,792	2,411	14	11,303
39	Dyeing and cleaning	15	24,293	20,680	7,700	8,700	4,280	3,613	3,964	42	20,258
40	Electroplating	3	29,400	29,400	6,000	4,000	10,400	9,000	2,645	35	19,330
41	Engraving and diesinking	3	2,545	900	----	----	900	1,645	930	3	2,500
42	Fertilizers. (See also Chemicals.)	3	582,347	135,000	21,000	66,500	47,500	447,347	24,919	105	59,598
43	Flouring and grist mill products	19	33,995	28,070	2,160	4,950	20,960	5,925	1,680	48	7,619
44	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	49	1,658,159	950,068	304,350	197,875	447,843	708,091	59,371	1,207	795,488
45	Furnishing goods, men's. (See also Shirts.)	10	109,050	10,485	1,300	2,000	7,185	98,565	5,735	358	73,650
46	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	57	74,069	23,003	6,755	6,720	9,528	51,066	11,052	120	64,642
47	Furniture, factory product	5	103,310	52,695	13,300	10,350	29,045	50,615	7,424	95	47,754
48	Gas, illuminating and heating	4	2,822,240	2,742,500	230,000	76,000	2,436,500	79,740	132,460	95	66,963
49	Hairwork	12	15,630	6,965	3,000	3,000	965	8,665	2,952	33	10,193
50	Hats and caps, not including wool hats	3	5,310	5,075	1,750	1,750	1,575	235	669	4	1,600
51	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	3	106,600	77,000	2,000	8,000	67,000	29,600	2,480	284	51,841
52	Ice, artificial	10	888,870	763,720	255,820	124,400	383,500	125,150	77,598	246	141,312
53	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	10	93,250	38,000	8,000	6,000	24,000	55,250	6,758	102	00,979
54	Jewelry. (See also Watch, clock, and jewelry repairing.)	3	53,540	3,050	----	----	3,050	50,490	3,025	20	18,520
55	Leather, tanned and curried	4	35,060	14,300	4,800	6,200	3,300	20,760	625	20	12,360
56	Liquors, malt	8	3,188,232	2,452,600	450,600	920,000	1,082,600	735,632	839,331	282	270,884
57	Lithographing and engraving. (See also Photolithographing and engraving; Printing and publishing.)	3	87,700	53,000	5,000	5,000	43,000	34,700	13,200	70	60,268
58	Lock and gun smithing	27	31,370	22,550	5,900	6,200	10,450	8,820	3,560	43	22,609
59	Looking-glass and picture frames	8	11,486	536	----	----	536	10,950	3,410	19	7,956
60	Lumber and other mill products from logs or bolts.	122	5,586,598	3,132,436	1,329,508	380,138	1,422,790	2,454,162	213,535	3,091	1,249,460
61	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, woodeu packing; Wood, turned and carved.)	27	947,837	417,140	146,550	80,400	190,190	530,697	51,198	729	443,781

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

LOUISIANA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
9	$8,586	.....	.....	32	$14,602	.....	.....	3	$468	33	$14,245	.....	.....	.....	.....	$67,131	$124,883	17
109	87,255	.....	.....	396	224,862	.....	.....	.....	.....	139	36,692	.....	.....	.....	.....	505,827	1,021,993	18
65	51,387	.....	.....	275	129,624	.....	.....	2	104	8	4,932	.....	.....	.....	.....	133,294	406,771	19
10	7,235	.....	.....	60	43,271	.....	.....	1	150	.....	.....	.....	.....	.....	.....	61,592	112,847	20
.....	.....	.....	.....	53	38,547	.....	.....	1	240	.....	.....	.....	.....	.....	.....	36,414	79,800	21
8	5,844	.....	.....	42	17,347	.....	.....	.....	.....	1	576	.....	.....	.....	.....	9,431	45,370	22
81	66,466	4	$1,230	74	44,930	20	$5,204	.....	.....	160	102,758	2	$472	.....	.....	216,225	526,046	23
90	100,106	13	5,080	101	65,914	482	122,931	4	1,352	1,152	130,680	1,794	178,558	50	$7,800	1,290,137	2,174,747	24
3	884	77	37,756	.....	.....	212	45,808	7	560	.....	.....	6	1,144	.....	.....	61,700	215,624	25
3	3,024	.....	.....	4	1,500	12	1,500	.....	.....	10	2,080	307	35,184	.....	.....	120,246	198,978	26
14	6,720	.....	.....	17	5,851	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	147,329	177,320	27
13	9,612	1	780	13	5,288	1	260	.....	.....	1	360	.....	.....	1	48	38,122	79,430	28
34	26,754	5	1,340	66	25,546	16	3,130	.....	.....	.....	.....	1	200	.....	.....	139,903	262,853	29
80	51,764	.....	.....	512	224,819	.....	.....	9	1,622	217	75,794	.....	.....	15	1,134	390,738	941,715	30
9	8,688	.....	.....	9	4,460	.....	.....	2	832	3	2,160	.....	.....	.....	.....	24,066	53,460	31
1	624	5	2,860	.....	.....	9	2,912	.....	.....	.....	.....	.....	.....	.....	.....	4,250	12,266	32
4	2,900	.....	.....	48	12,500	64	10,950	8	400	.....	.....	.....	.....	.....	.....	.....	51,500	33
61	71,520	.....	.....	159	74,814	.....	.....	.....	.....	895	522,735	.....	.....	.....	.....	32,584	1,056,432	34
19	5,294	.....	.....	303	33,760	8	916	.....	.....	.....	.....	.....	.....	.....	.....	56,062	131,842	35
14	9,584	1	240	8	4,816	.....	.....	1	104	.....	.....	.....	.....	.....	.....	1,944	25,767	36
7	9,009	.....	.....	1	520	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,456	15,095	37
6	5,795	.....	.....	8	5,508	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,916	26,853	38
13	8,812	3	1,500	16	8,050	8	1,464	2	432	.....	.....	.....	.....	.....	.....	3,687	29,812	39
4	6,936	.....	.....	29	11,794	.....	.....	.....	.....	2	600	.....	.....	.....	.....	9,971	38,304	40
3	2,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	630	7,580	41
7	22,350	.....	.....	88	34,908	10	2,340	.....	.....	.....	.....	.....	.....	.....	.....	157,703	263,678	42
7	813	.....	.....	40	6,656	.....	.....	.....	.....	1	150	.....	.....	.....	.....	41,836	57,964	43
109	134,052	3	1,650	1,078	655,748	.....	.....	2	288	15	3,750	.....	.....	.....	.....	922,559	2,151,586	44
9	11,604	3	1,412	12	6,552	78	16,692	.....	.....	.....	.....	256	37,390	.....	.....	204,304	355,395	45
54	36,464	1	240	52	21,268	3	912	3	394	7	5,364	.....	.....	.....	.....	44,515	144,228	46
8	6,794	.....	.....	74	31,080	.....	.....	.....	.....	13	9,880	.....	.....	.....	.....	53,747	144,157	47
24	38,516	.....	.....	71	28,447	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	112,965	685,976	48
8	4,707	4	1,314	3	1,392	16	2,480	.....	.....	1	150	1	150	.....	.....	5,915	22,538	49
3	1,456	.....	.....	.....	.....	1	144	.....	.....	.....	.....	.....	.....	.....	.....	955	4,160	50
6	9,150	.....	.....	20	8,236	158	29,750	.....	.....	.....	.....	100	4,705	.....	.....	58,202	151,180	51
55	44,916	.....	.....	191	96,396	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	104,800	501,430	52
12	12,290	.....	.....	88	48,377	.....	.....	2	312	.....	.....	.....	.....	.....	.....	51,791	147,068	53
10	12,900	.....	.....	9	5,056	.....	.....	.....	.....	1	564	.....	.....	.....	.....	8,042	42,000	54
3	3,936	.....	.....	17	8,424	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44,889	69,131	55
103	132,672	.....	.....	179	138,212	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	592,562	1,905,760	56
10	17,900	.....	.....	48	26,832	7	1,716	.....	.....	5	3,820	.....	.....	.....	.....	24,665	112,600	57
25	17,371	.....	.....	10	3,088	.....	.....	5	440	3	1,710	.....	.....	.....	.....	4,556	35,999	58
8	4,082	1	150	10	3,724	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,919	33,570	59
187	166,456	1	900	2,773	1,028,709	2	832	14	2,650	79	39,096	35	10,907	.....	.....	3,073,144	5,599,744	60
84	90,630	2	3,300	642	349,354	.....	.....	.....	.....	1	500	.....	.....	.....	.....	716,967	1,405,578	61

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

LOUISIANA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
62	Marble and stone work. (See also Monuments and tombstones.)	7	$17,415	$11,590	$4,950	$3,225	$3,415	$5,825	$2,224	35	$19,444
63	Masonry, brick and stone. (See also Plastering and stuccowork.)	27	75,629	23,635	7,105	12,600	3,930	51,994	5,535	355	217,794
64	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	21	55,070	22,709	7,705	11,375	3,629	32,361	4,472	105	40,798
65	Millinery and lace goods. (See also Artificial feathers and flowers.)	5	923	133	.....	.....	133	790	1,647	18	5,248
66	Millinery, custom work	51	239,235	133,551	60,650	70,700	2,201	105,684	22,950	266	85,792
67	Mineral and soda waters	12	93,470	69,500	10,500	7,200	51,800	23,970	9,436	75	46,979
68	Monuments and tombstones. (See also Marble and stone work.)	14	53,400	14,940	6,960	5,560	2,420	38,460	3,561	74	46,260
69	Musical instruments and materials, not specified.	4	22,440	20,375	8,000	12,000	375	2,065	757	21	13,076
70	Oil, cottonseed and cake	7	1,082,752	656,400	53,900	203,200	399,300	426,352	48,124	427	177,192
71	Painting and paper hanging	43	104,937	27,376	6,900	13,460	7,016	77,561	10,355	277	161,837
72	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	9	185,722	17,750	2,000	2,500	13,250	167,972	40,594	86	48,560
73	Paving and paving materials	11	96,887	31,908	1,400	1,500	29,008	64,979	6,445	83	50,130
74	Photography	26	53,528	32,300	1,150	1,700	29,450	21,228	20,491	99	62,595
75	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	3	38,440	8,700	450	450	7,800	29,740	2,173	68	19,662
76	Plastering and stuccowork. (See also Masonry, brick and stone.)	12	22,390	14,810	4,450	8,300	2,060	7,580	1,356	63	36,077
77	Plumbing and gas fitting	16	182,883	26,800	9,500	7,500	9,800	156,083	20,946	158	92,698
78	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	37	313,483	178,284	7,000	3,500	167,784	135,199	34,874	339	207,134
79	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	116	815,083	475,211	37,475	55,425	382,311	339,872	325,820	937	687,378
80	Rice, cleaning and polishing	18	1,033,700	533,500	95,800	184,500	253,200	500,200	92,429	409	182,827
81	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	23	128,201	20,155	7,800	3,100	9,255	108,046	8,978	144	89,187
82	Saddlery and harness	42	451,770	50,710	13,275	18,175	19,260	401,060	40,898	252	169,385
83	Sausage	13	31,243	22,570	5,050	7,650	9,870	8,673	3,441	62	21,504
84	Sewing machine repairing	5	2,520	520	.....	.....	520	2,000	1,075	7	4,592
85	Shipbuilding	13	368,218	280,088	59,925	22,525	197,638	88,130	13,227	192	119,555
86	Shirts. (See also Furnishing goods, men's.)	5	30,885	6,010	.....	.....	6,010	24,875	5,584	529	55,210
87	Soap and candles. (See also Grease and tallow.)	11	201,095	95,785	16,000	59,615	20,170	105,310	4,581	83	46,908
88	Sugar and molasses, refining	38	1,943,601	1,236,350	148,250	353,855	734,245	707,251	518,384	2,015	449,857
89	Timber products, not manufactured at mill.	5	127,715	78,415	65,500	.....	12,915	49,300	14,712	414	81,574
90	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	80	286,814	103,158	20,450	28,100	54,608	183,656	26,331	455	261,382
91	Tobacco, chewing, smoking, and snuff	5	115,238	24,650	3,500	5,500	15,650	90,588	32,871	171	58,451
92	Tobacco, cigars and cigarettes	78	379,496	60,556	9,200	11,300	40,056	318,940	263,964	1,945	753,829
93	Umbrellas and canes	5	1,790	1,155	.....	.....	1,155	635	1,030	7	2,482
94	Upholstery materials. (See also Woolen goods.)	4	33,275	13,550	2,900	3,050	7,600	19,725	895	64	22,038
95	Vinegar and cider	3	16,170	11,000	.....	.....	11,000	5,170	2,968	18	12,336
96	Watch, clock, and jewelry repairing. (See also Jewelry.)	70	96,644	55,725	10,200	10,100	35,425	40,919	14,920	139	101,754
97	All other industries (a)	65	2,698,442	1,828,072	174,928	461,740	1,191,404	870,370	110,280	2,051	678,675

a Embraces ammunition, 1; artificial limbs, 2; bagging, flax, hemp, and jute, 1; baking and yeast powders, 2; carriage and wagon materials, 2; chemicals, 2; china, decorating, 1; coffins, burial cases, and undertakers' goods, 2; cordage and twine, 2; cork, cutting, 2; cotton goods, 2; drug grinding, 1; electrical apparatus and supplies, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 2; fireworks, 1; flags and banners, 3; flavoring extracts, 1; food preparations, 1; fruits and vegetables, canning and preserving, 1; galvanizing, 1; gas machines and meters, 1; gold and silver, reducing and refining, not from the ore, 1; grease and tallow, 1; hay and straw, baling, 1; house furnishing goods, not elsewhere specified, 2; instruments, professional and scientific, 2; lightning rods, 1; mirrors, 1;

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

LOUISIANA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecoworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 10 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
7	$5,738	.....	.....	27	$13,682	.....	.....	.....	.....	1	$24	.....	.....	.....	.....	$19,925	$52,065	62
28	25,750	.....	.....	322	190,509	.....	.....	.....	.....	5	1,535	.....	.....	.....	.....	293,677	598,368	63
21	12,308	.....	.....	63	23,440	9	$2,210	.....	.....	12	2,840	.....	.....	.....	.....	64,869	144,289	64
1	1,200	4	$1,700	.....	.....	13	2,348	.....	.....	.....	.....	.....	.....	.....	.....	8,311	18,923	65
2	1,580	50	28,265	.....	.....	161	42,874	2	$125	9	2,808	42	$10,200	.....	.....	187,727	382,553	66
21	17,708	.....	.....	51	28,939	.....	.....	.....	.....	3	332	.....	.....	.....	.....	52,736	176,675	67
15	16,520	.....	.....	48	25,160	.....	.....	.....	.....	11	4,640	.....	.....	.....	.....	71,297	141,404	68
4	3,956	.....	.....	17	9,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,868	27,120	69
88	40,410	2	600	360	136,646	3	468	23	3,664	1	1,404	.....	.....	.....	.....	1,058,115	1,573,626	70
55	50,857	1	300	263	103,640	.....	.....	.....	.....	18	7,040	.....	.....	.....	.....	87,954	302,043	71
24	25,444	.....	.....	37	19,216	25	3,900	.....	.....	.....	.....	.....	.....	.....	.....	76,072	274,930	72
12	10,305	.....	.....	71	39,825	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76,397	176,015	73
25	24,061	5	4,300	52	28,200	11	3,504	1	50	5	2,480	.....	.....	.....	.....	26,453	126,400	74
3	2,320	.....	.....	19	8,814	46	8,528	.....	.....	.....	.....	.....	.....	.....	.....	93,610	144,900	75
13	10,718	.....	.....	49	25,203	1	156	.....	.....	.....	.....	.....	.....	.....	.....	24,824	78,207	76
30	35,240	.....	.....	121	56,196	.....	.....	7	1,262	.....	.....	.....	.....	.....	.....	161,961	329,748	77
71	75,113	1	260	239	115,218	.....	.....	5	442	23	16,101	.....	.....	.....	.....	114,077	441,123	78
148	168,315	21	8,074	453	295,967	51	20,748	39	6,347	224	187,567	1	360	.....	.....	288,846	1,547,951	79
54	49,219	.....	.....	340	131,918	4	348	7	714	3	592	.....	.....	1	$36	3,423,650	4,009,901	80
30	30,227	.....	.....	99	54,018	.....	.....	5	780	10	4,162	.....	.....	.....	.....	97,018	232,448	81
81	80,660	1	120	118	67,093	.....	.....	9	980	43	20,532	.....	.....	.....	.....	408,401	757,035	82
17	10,472	.....	.....	37	9,784	8	1,248	.....	.....	.....	.....	.....	.....	.....	.....	88,961	150,421	83
4	2,726	.....	.....	3	1,872	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,960	11,800	84
17	15,104	.....	.....	165	96,139	.....	.....	.....	.....	10	8,312	.....	.....	.....	.....	71,259	229,645	85
6	7,210	.....	.....	7	6,160	65	15,340	6	1,100	.....	.....	445	25,400	.....	.....	155,280	233,000	86
25	20,140	1	200	56	26,300	.....	.....	1	208	.....	.....	.....	.....	.....	.....	133,477	221,164	87
46	31,754	6	555	1,708	396,845	173	9,667	66	2,500	16	8,536	.....	.....	.....	.....	11,167,852	12,603,913	88
6	3,150	.....	.....	47	6,944	.....	.....	.....	.....	361	71,480	.....	.....	.....	.....	16,035	145,450	89
103	90,402	.....	.....	275	133,774	3	442	5	832	69	35,932	.....	.....	.....	.....	246,579	641,404	90
16	11,845	.....	.....	86	37,322	21	2,400	5	944	23	3,190	20	2,750	.....	.....	128,723	282,080	91
95	72,049	5	2,657	269	102,447	276	71,296	5	1,020	638	279,239	657	225,121	.....	.....	510,022	1,569,745	92
3	1,050	.....	.....	2	572	2	260	.....	.....	.....	.....	.....	.....	.....	.....	1,320	5,720	93
6	5,552	.....	.....	36	11,598	22	4,888	.....	.....	.....	.....	.....	.....	.....	.....	128,291	178,650	94
6	6,416	.....	.....	12	5,920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,964	40,415	95
93	53,784	.....	.....	67	45,152	1	520	5	438	1	300	2	1,560	.....	.....	46,149	187,763	96
114	120,198	9	5,012	856	367,286	717	127,639	141	15,283	48	16,712	166	26,545	.....	.....	1,442,736	2,463,792	97

models and patterns, 1; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; paints, 1; perfumery and cosmetics, 2; photolithographing and engraving, 1; refrigerators, 1; salt, 1; scales and balances, 2; show cases, 1; silverware, 1; steam fittings and heating apparatus, 1; stencils and brands, 2; stereotyping and electrotyping, 1; trunks and valises, 2; wirework, including wire rope and cable, 1; wood, turned and carved, 2; woolen goods, 1.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

LOUISIANA—Continued.

BY PARISHES.

[No manufactures reported from the following parishes: Caldwell, Cameron, East Carroll, Jackson, Madison, St. Charles, Washington, West Feliciana.]

	PARISHES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	The State	2,613	$34,754,121	$20,976,072	$4,882,106	$4,764,183	$11,329,783	$13,778,049	$3,760,753	31,901	$13,159,564
2	Acadia	12	25,880	19,860	2,210	5,560	12,090	6,020	5,317	40	13,221
3	Ascension	13	55,482	32,995	3,550	13,250	16,195	22,487	2,375	92	13,262
4	Assumption	19	42,052	16,365	2,220	9,515	4,630	25,687	1,666	73	23,407
5	Avoyelles	22	44,535	41,710	2,045	15,790	23,875	2,825	2,667	94	12,914
6	Bienville	20	25,580	23,365	2,125	5,695	15,545	2,215	1,445	68	6,180
7	Bossier	13	37,930	36,470	10,865	7,175	18,430	1,460	1,854	87	22,747
8	Caddo	112	780,185	492,778	142,210	90,545	260,023	287,407	96,291	640	320,124
9	Calcasieu	18	1,063,361	570,338	254,538	76,200	239,600	493,023	27,657	455	222,792
10	Claiborne	18	53,622	41,735	13,480	3,755	24,500	11,887	2,493	69	10,585
11	De Soto	8	21,100	12,000	2,600	1,850	7,550	9,100	822	34	9,559
12	East Baton Rouge	83	1,191,366	758,505	311,350	78,725	368,430	432,861	62,860	704	317,416
13	East Feliciana	5	9,550	8,450	2,600	1,100	4,750	1,100	809	22	4,582
14	Franklin	3	5,650	4,750	650	1,200	2,900	900	232	16	1,650
15	Grant	7	20,605	15,660	6,960	1,025	7,075	4,945	2,556	36	6,884
16	Iberia	17	804,268	449,900	84,200	103,350	262,350	414,368	76,300	468	191,738
17	Iberville	36	805,909	494,084	192,560	49,883	251,641	311,825	30,030	527	192,280
18	Jefferson	4	714,924	429,794	22,900	103,100	303,794	285,130	26,868	247	96,451
19	Lafayette	21	60,950	57,550	8,600	18,800	30,150	3,400	2,126	82	12,094
20	Lafourche	13	266,500	221,720	20,470	78,700	122,550	44,780	7,325	469	69,901
21	Lincoln	7	10,845	8,670	640	700	7,330	2,175	1,618	16	5,228
22	Livingston	3	72,650	23,250	7,550	6,000	9,700	49,400	2,114	57	20,450
23	Morehouse	4	7,128	3,810	200	360	3,250	3,318	1,575	14	5,468
24	Natchitoches	11	251,998	222,450	104,700	17,800	99,950	29,548	5,065	136	49,534
25	Orleans	1,970	26,746,123	15,896,794	3,431,156	3,826,750	8,638,886	10,849,329	3,311,878	25,431	11,009,565
26	Ouachita	9	209,723	155,342	6,950	42,100	106,292	54,381	13,660	230	87,545
27	Pointe Coupee	6	7,712	3,007	130	725	2,152	4,705	415	8	2,716
28	Rapides	20	149,528	119,412	26,285	20,685	72,442	30,116	8,090	250	54,242
29	Red River	5	39,315	32,020	4,520	3,100	24,400	7,295	4,035	28	13,880
30	St. James	8	26,670	26,650	4,800	9,200	12,650	20	2,321	132	10,961
31	St. John the Baptist	20	85,803	41,353	10,995	12,145	18,213	44,450	3,903	165	32,395
32	St. Landry	19	53,864	44,330	9,470	12,775	22,085	9,534	2,906	77	17,279
33	St. Martin	12	134,500	134,350	3,100	52,850	78,400	150	5,265	289	21,344
34	St. Mary	14	520,365	251,765	89,000	43,150	119,615	268,600	21,269	302	135,324
35	St. Tammany	3	19,120	13,400	2,050	5,650	5,700	5,720	2,121	62	20,316
36	Tangipahoa	12	96,305	69,480	20,900	7,430	41,150	26,825	3,721	157	58,969
37	Union	6	13,530	10,280	535	1,445	8,300	3,250	914	17	3,805
38	Vermilion	12	110,750	109,075	44,575	12,800	51,700	1,675	11,958	117	16,463
39	Vernon	5	9,121	8,775	3,075	900	4,800	346	449	15	2,944
40	Webster	6	17,597	14,625	5,160	1,950	7,515	2,972	1,139	27	5,976
41	West Batou Rouge	3	37,509	30,050	12,000	12,300	5,750	7,450	172	59	24,514
42	All other parishes (a)	14	44,525	29,155	8,180	7,550	13,425	15,370	1,472	80	12,859

a Includes establishments distributed as follows: Catahoula, 2; Concordia, 1; Plaquemines, 1; Richland, 1; Sabine, 1; St. Bernard, 2; St. Helena, 1; Tensas, 1; Terrebonne, 2; West Carroll, 1; Winn, 1.

MAINE.

BY SPECIFIED INDUSTRIES.

1	All industries	5,010	80,419,809	41,183,178	7,198,639	12,039,040	21,945,499	39,236,631	5,394,604	75,780	26,526,217
2	Agricultural implements	17	439,267	201,390	38,305	77,365	85,720	237,868	20,669	217	118,048
3	Awnings, tents, and sails	32	80,817	15,380	2,775	6,225	6,380	65,428	5,187	119	59,721
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	600	555,798	310,254	60,282	135,612	114,360	245,544	33,407	878	405,962
5	Bookbinding and blank-book making. (See also Printing and publishing.)	10	50,511	20,025	.....	.....	20,025	30,486	3,071	88	41,308
6	Boot and shoe cut stock	4	16,300	4,100	300	1,900	1,900	12,200	1,181	87	15,379
7	Boot and shoe findings	4	192,688	86,308	18,200	13,000	55,108	106,380	12,582	121	65,914
8	Boots and shoes, custom work and repairing.	136	54,080	26,538	2,810	7,355	16,373	27,542	8,881	198	85,639
9	Boots and shoes, factory product	53	4,804,946	947,620	68,839	287,483	591,304	3,857,320	397,394	6,597	3,078,466
10	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	9	124,248	52,424	.....	26,500	25,924	71,824	9,291	424	113,693
11	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	11	175,042	84,150	15,025	34,900	34,225	90,892	23,115	213	79,039

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

LOUISIANA—Continued.

BY PARISHES.

[No manufactures reported from the following parishes: Caldwell, Cameron, East Carrell, Jacksen, Madison, St. Charles, Washington, West Feliciana.]

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
3,267	$2,912,703	257	$124,292	15,998	$6,941,230	2,836	$601,893	533	$59,523	4,969	$1,927,637	3,962	$581,336	79	$10,950	$33,282,724	$57,806,713	1
16	7,797	.....	.....	17	4,526	.....	.....	3	270	3	592	.....	.....	1	36	69,182	96,941	2
13	3,740	1	416	70	7,953	.....	.....	3	78	5	1,075	.....	.....	.....	.....	11,633	33,566	3
4	1,392	.....	.....	67	21,865	.....	.....	2	156	.....	.....	.....	.....	.....	.....	20,665	58,855	4
13	3,381	.....	.....	80	9,483	.....	.....	.....	.....	1	50	.....	.....	.....	.....	18,680	39,828	5
7	1,620	.....	.....	56	4,511	1	15	1	10	3	24	.....	.....	.....	.....	10,740	21,759	6
1	416	.....	.....	84	21,531	.....	.....	.....	.....	2	860	.....	.....	.....	.....	45,139	86,882	7
127	108,120	8	4,472	461	190,607	27	6,686	3	267	23	12,032	.....	.....	.....	.....	495,736	1,090,091	8
26	23,339	14	3,010	377	168,643	.....	.....	.....	.....	38	27,860	.....	.....	.....	.....	554,237	1,034,123	9
11	2,462	.....	.....	55	7,623	.....	.....	.....	.....	3	500	.....	.....	.....	.....	24,463	46,027	10
4	1,464	.....	.....	26	7,175	.....	.....	2	120	2	800	.....	.....	.....	.....	14,795	32,750	11
102	86,365	9	3,640	548	218,517	31	6,811	7	923	7	1,160	.....	.....	.....	.....	578,894	1,172,537	12
3	1,890	.....	.....	19	2,692	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,323	3,700	13
.....	.....	.....	.....	16	1,650	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,685	7,700	14
2	716	.....	.....	33	6,108	.....	.....	1	60	.....	.....	.....	.....	.....	.....	6,863	25,759	15
32	27,368	.....	.....	436	164,370	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	376,095	858,912	16
27	18,761	.....	.....	471	166,769	.....	.....	14	1,736	15	5,000	.....	.....	.....	.....	372,613	704,594	17
23	15,780	2	600	196	72,624	.....	.....	.....	.....	21	6,615	.....	.....	5	832	583,996	865,182	18
6	3,282	.....	.....	76	8,812	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,696	33,100	19
11	3,149	.....	.....	363	60,982	95	5,770	.....	.....	.....	.....	.....	.....	.....	.....	313,578	450,375	20
.....	.....	.....	.....	14	4,828	2	400	.....	.....	.....	.....	.....	.....	.....	.....	7,629	18,090	21
2	1,800	1	900	54	17,756	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,615	54,450	22
2	1,168	.....	.....	12	4,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,799	19,100	23
6	3,200	.....	.....	124	42,734	.....	.....	.....	.....	6	3,600	.....	.....	.....	.....	104,818	194,050	24
2,677	2,514,715	215	110,439	10,738	5,316,923	2,596	576,835	402	49,701	4,768	1,849,534	3,962	581,330	73	10,082	28,652,415	48,861,834	25
12	13,616	.....	.....	194	68,059	.....	.....	16	2,120	8	3,750	.....	.....	.....	.....	240,932	418,808	26
5	1,616	.....	.....	3	1,100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,559	6,925	27
12	8,035	.....	.....	176	42,117	35	2,860	25	930	2	300	.....	.....	.....	.....	85,996	175,943	28
3	1,920	.....	.....	25	11,960	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,352	44,450	29
7	824	6	555	107	9,334	4	88	8	160	.....	.....	.....	.....	.....	.....	17,015	39,870	30
8	4,112	1	260	117	22,887	15	618	12	308	12	4,210	.....	.....	.....	.....	47,241	109,448	31
11	4,453	.....	.....	65	12,778	.....	.....	1	48	.....	.....	.....	.....	.....	.....	17,136	48,040	32
6	1,722	.....	.....	261	18,764	18	754	4	104	.....	.....	.....	.....	.....	.....	146,728	207,012	33
33	21,466	.....	.....	218	103,388	.....	.....	7	1,750	44	8,720	.....	.....	.....	.....	229,355	523,275	34
7	4,016	.....	.....	55	16,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,750	28,730	35
14	8,671	.....	.....	143	50,298	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51,240	151,122	36
7	2,176	.....	.....	8	1,450	.....	.....	2	179	.....	.....	.....	.....	.....	.....	6,783	16,385	37
13	5,133	.....	.....	81	10,215	10	780	13	335	.....	.....	.....	.....	.....	.....	53,682	103,310	38
5	768	.....	.....	8	1,900	2	276	.....	.....	.....	.....	.....	.....	.....	.....	6,503	12,653	39
4	1,360	.....	.....	21	4,091	.....	.....	.....	.....	2	25	.....	.....	.....	.....	5,408	14,370	40
1	780	.....	.....	58	23,734	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,353	49,100	41
4	1,610	.....	.....	65	9,859	.....	.....	7	340	4	1,050	.....	.....	.....	.....	13,352	35,076	42

MAINE.

BY SPECIFIED INDUSTRIES.

4,853	3,370,916	653	192,719	40,714	15,483,715	11,923	3,169,104	1,248	166,774	6,167	2,343,558	9,128	1,721,956	1,194	77,475	51,520,589	95,689,500	1
29	20,011	1	200	124	56,967	1	416	.....	.....	62	40,454	.....	.....	.....	.....	108,479	316,822	2
24	15,954	.....	.....	89	42,136	5	1,580	1	51	.....	.....	.....	.....	.....	.....	144,382	235,560	3
545	266,193	.....	.....	326	138,642	.....	.....	4	477	3	650	.....	.....	.....	.....	240,312	837,472	4
8	7,563	1	750	44	24,013	29	8,082	.....	.....	.....	.....	6	900	.....	.....	30,672	88,956	5
6	3,362	.....	.....	6	2,737	15	3,120	.....	.....	41	2,400	15	2,566	4	1,200	20,478	40,083	6
10	13,520	.....	.....	80	42,756	24	7,988	3	450	.....	.....	4	1,200	.....	.....	89,691	222,325	7
108	48,985	1	200	55	23,774	2	250	1	100	26	11,420	5	910	.....	.....	54,851	165,784	8
188	199,833	27	10,133	1,891	955,152	636	221,414	31	5,858	2,156	1,103,577	1,665	582,040	3	450	5,800,682	10,335,342	9
20	15,196	.....	.....	21	9,612	158	34,560	.....	.....	11	3,685	214	50,640	.....	.....	137,680	285,536	10
9	7,080	2	800	178	65,758	1	300	6	1,015	17	4,086	.....	.....	.....	.....	189,147	339,082	11

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MAINE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
12	Brass castings and brass finishing. (See also Bronze castings.)	3	$30,200	$19,000	$5,000	$2,000	$12,000	$11,200	$1,865	14	$8,634
13	Bread and other bakery products	50	338,754	127,622	29,524	31,376	66,722	211,132	49,399	392	179,364
14	Brick and tile. (See also Clay and pottery products.)	118	437,655	225,238	78,706	62,042	84,490	212,417	30,383	1,073	279,138
15	Brooms and brushes	5	21,034	4,065	1,400	1,000	1,665	16,969	2,481	40	15,613
16	Carpentering	174	633,737	157,260	27,220	61,900	68,140	476,477	42,165	1,273	719,575
17	Carriage and wagon materials	8	27,868	10,385	1,150	3,100	6,135	17,483	1,193	20	10,458
18	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	204	575,084	225,492	48,094	106,860	70,538	349,592	35,578	646	311,498
19	Cars and general shop construction and repairs by steam railroad companies.	10	150,672	105,455	12,300	56,900	36,255	45,217	.....	244	139,775
20	Cheese, butter, and condensed milk, factory product.	40	110,215	71,899	3,010	34,554	34,335	38,316	4,598	100	37,195
21	Chemicals. (See also Fertilizers; Gunpowder; Paints.)	11	61,914	29,190	7,600	7,650	13,940	31,824	3,332	51	25,038
22	Clay and pottery products. (See also Brick and tile.)	9	382,852	163,600	62,500	48,600	52,500	219,252	26,727	172	82,767
23	Clothing, men's, custom work and repairing.	99	438,125	89,347	32,600	34,600	22,147	348,778	34,571	847	331,367
24	Clothing, men's, factory product	87	664,430	194,389	30,500	98,750	65,139	470,041	97,243	6,059	725,805
25	Clothing, women's, dressmaking	139	71,004	37,987	4,450	12,465	21,072	33,017	16,351	602	166,221
26	Clothing, women's, factory product	3	23,286	5,057	.....	.....	5,057	18,229	2,092	66	20,773
27	Coffins and burial cases, trimming and finishing.	37	128,505	42,800	14,030	16,600	12,170	85,705	6,272	67	35,498
28	Coffins, burial cases, and undertakers' goods.	4	25,334	1,920	20	1,200	700	23,414	2,395	25	12,733
29	Confectionery	32	126,015	45,940	12,210	14,000	19,730	80,075	13,088	152	65,179
30	Cooperage	74	317,187	47,398	5,597	16,835	24,966	269,789	18,784	236	104,026
31	Cotton goods. (See also Hosiery and knit goods.)	23	20,850,754	13,335,358	1,087,916	3,774,087	8,473,355	7,515,396	1,185,336	13,992	4,372,473
32	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	23	137,199	75,955	15,105	18,575	42,275	61,244	5,903	103	46,943
33	Dentistry, mechanical	54	45,112	22,590	500	2,000	20,090	22,522	5,517	62	36,505
34	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	44	67,255	23,915	300	800	22,815	43,340	8,294	84	32,803
35	Dyeing and cleaning	11	20,635	16,650	2,400	4,700	9,550	3,985	2,772	53	20,299
36	Fancy articles, not elsewhere specified	3	2,648	248	.....	.....	248	2,400	4,745	28	6,300
37	Fertilizers. (See also Chemicals.)	6	74,530	20,400	3,400	4,300	12,700	54,049	4,354	44	12,970
38	Files. (See also Cutlery and edge tools.)	3	3,884	1,500	.....	600	900	2,384	473	9	4,892
39	Fish, canning and preserving. (See also Food preparations.)	35	527,420	219,085	23,550	110,300	85,235	308,335	94,712	2,391	471,643
40	Flavoring extracts	3	38,650	4,950	200	1,000	3,750	33,700	1,580	15	6,075
41	Flouring and grist mill products	219	1,194,900	674,817	161,350	242,322	271,145	520,083	53,632	463	186,429
42	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving.)	3	17,557	6,260	1,050	2,075	3,135	11,297	2,024	48	4,118
43	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	82	3,024,473	1,658,506	294,647	399,670	964,279	1,365,877	180,559	1,903	1,041,663
44	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	44	1,014,980	266,949	7,225	61,210	198,514	748,031	43,067	2,133	215,620
45	Furnishing goods, men's. (See also Shirts.)	3	27,150	7,150	2,250	1,900	3,000	20,000	2,605	43	18,659
46	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	45	119,248	31,623	6,441	12,842	12,340	87,625	9,417	138	65,356
47	Furniture, chairs	5	95,235	27,352	350	3,600	23,402	67,883	21,385	145	59,945
48	Furniture, factory product	15	286,032	108,250	13,000	21,800	73,450	177,782	15,824	276	139,627
49	Gas, illuminating and heating	11	894,189	847,194	95,203	199,800	552,191	46,995	50,574	76	52,710
50	Grease and tallow. (See also Soap and candles.)	3	9,800	4,800	550	2,400	1,850	5,000	3,645	16	7,819
51	Hairwork	3	7,650	750	.....	.....	750	6,900	364	7	1,874
52	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	6	41,802	14,850	350	600	13,900	26,952	1,899	40	18,273
53	Hats and caps, not including wool hats. (See also Fur goods.)	3	14,350	2,200	.....	.....	2,200	12,150	1,274	22	12,748
54	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	4	28,095	7,425	100	2,500	4,825	20,670	1,019	260	30,165
55	Kaolin and other earth grinding	5	99,495	51,500	13,000	17,500	21,000	47,995	10,199	84	26,476
56	Kindling wood	5	68,050	47,950	2,200	15,500	30,250	20,100	17,861	100	37,595
57	Lasts	3	19,025	12,600	3,800	3,000	5,800	6,425	1,807	21	14,525
58	Leather board. (See also Paper.)	3	147,090	101,290	25,290	19,000	57,000				
59	Leather, tanned and curried	51	2,231,702	922,403	57,085	547,265	318,053	1,			

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MAINE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
6	$4,560	.....	.....	9	$4,074	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$10,090	$24,604	12
89	65,686	28	$7,160	204	95,483	70	$11,485	1	$150	.....	.....	.....	.....	.....	.....	564,493	925,460	13
66	27,802	.....	.....	923	214,665	2	714	4	300	40	$24,731	37	$11,544	1	$42	132,157	511,760	14
8	4,211	.....	.....	19	8,802	3	800	.....	.....	.....	.....	10	1,800	.....	.....	27,134	57,666	15
187	141,281	3	1,060	1,078	574,724	.....	.....	.....	.....	5	2,570	.....	.....	.....	.....	862,910	1,886,378	16
6	4,038	.....	.....	11	5,220	.....	.....	.....	.....	3	1,200	.....	.....	.....	.....	11,510	28,450	17
185	101,542	.....	.....	435	266,348	.....	.....	1	20	25	3,588	.....	.....	.....	.....	254,571	736,901	18
5	4,500	.....	.....	239	135,275	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	82,536	224,113	19
15	7,651	1	260	77	27,673	4	361	.....	.....	3	1,850	.....	.....	.....	.....	334,403	461,626	20
16	16,936	.....	.....	34	13,842	1	260	.....	.....	.....	.....	.....	.....	.....	.....	43,033	89,356	21
14	12,529	1	360	151	65,538	.....	.....	.....	.....	6	4,400	.....	.....	.....	.....	87,935	292,314	22
87	69,833	2	550	103	61,123	195	61,160	1	200	27	12,471	432	126,030	.....	.....	384,438	851,312	23
73	55,732	5	2,205	281	123,288	541	141,579	1	130	404	76,167	4,161	312,617	653	20,687	852,635	1,989,183	24
9	4,896	121	51,966	1	200	466	168,488	.....	.....	.....	.....	5	671	.....	.....	190,090	420,927	25
3	4,324	.....	.....	2	1,456	12	3,960	.....	.....	.....	.....	49	11,113	.....	.....	28,629	55,237	26
32	19,594	.....	.....	29	15,048	1	156	.....	.....	5	700	.....	.....	.....	.....	58,497	127,193	27
4	2,952	.....	.....	11	6,549	1	416	.....	.....	4	2,296	5	520	.....	.....	20,986	76,828	28
39	26,529	9	2,804	55	25,256	28	4,855	2	400	8	3,620	11	1,721	.....	.....	155,404	297,087	29
44	32,470	1	700	114	42,448	.....	.....	.....	.....	77	28,408	.....	.....	.....	.....	330,485	486,991	30
86	158,950	.....	.....	5,013	1,833,721	6,595	1,811,228	710	102,342	186	66,567	1,261	360,680	153	38,985	8,446,736	15,316,909	31
30	16,522	.....	.....	16	6,401	.....	.....	.....	.....	57	24,620	.....	.....	.....	.....	31,246	165,775	32
54	32,779	.....	.....	7	3,326	1	400	.....	.....	.....	.....	.....	.....	.....	.....	17,833	68,333	33
36	21,351	.....	.....	40	16,665	7	1,312	1	75	.....	.....	.....	.....	.....	.....	49,912	125,625	34
11	6,579	.....	.....	26	9,040	18	4,672	.....	.....	.....	.....	4	608	.....	.....	16,135	42,191	35
.....	.....	1	750	5	1,461	22	4,149	.....	.....	.....	.....	.....	.....	.....	.....	12,540	29,500	36
8	4,030	.....	.....	33	8,770	.....	.....	.....	.....	3	170	.....	.....	.....	.....	41,663	69,020	37
3	1,660	.....	.....	3	1,300	.....	.....	.....	.....	3	1,992	.....	.....	.....	.....	999	7,720	38
49	23,837	.....	.....	581	156,982	175	20,567	45	3,060	776	192,198	460	60,444	311	14,675	900,674	1,660,881	39
3	2,400	.....	.....	4	2,355	8	1,320	.....	.....	.....	.....	.....	.....	.....	.....	24,907	38,888	40
260	96,776	1	300	256	94,499	.....	.....	.....	.....	6	845	.....	.....	.....	.....	2,806,869	3,254,690	41
4	998	.....	.....	44	3,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,682	17,360	42
131	123,401	4	1,448	1,723	895,369	3	900	2	725	40	19,880	.....	.....	.....	.....	1,139,676	2,628,572	43
46	19,538	.....	.....	1,152	134,168	366	21,496	124	2,357	332	35,542	56	1,085	57	1,494	706,719	1,192,682	44
4	5,205	.....	.....	5	3,064	12	3,290	.....	.....	.....	.....	22	7,100	.....	.....	52,918	88,250	45
37	18,754	1	300	90	42,502	3	700	.....	.....	5	2,000	2	1,100	.....	.....	127,869	243,636	46
12	10,572	.....	.....	101	45,128	12	2,816	.....	.....	20	535	.....	.....	.....	.....	45,645	150,250	47
23	20,350	.....	.....	243	114,137	.....	.....	.....	.....	10	5,140	.....	.....	.....	.....	235,740	534,900	48
22	20,321	1	480	53	31,909	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68,999	311,381	49
5	3,175	1	456	10	4,188	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,467	31,964	50
1	312	.....	.....	.....	.....	6	1,562	.....	.....	.....	.....	.....	.....	.....	.....	1,720	5,000	51
6	5,576	.....	.....	30	12,445	.....	.....	.....	.....	4	252	.....	.....	.....	.....	9,997	51,364	52
3	2,956	.....	.....	10	7,268	7	2,124	.....	.....	.....	.....	2	460	.....	.....	12,949	28,632	53
1	1,050	2	900	5	850	82	10,125	.....	.....	.....	.....	170	17,240	.....	.....	33,839	76,603	54
8	5,803	.....	.....	69	18,223	.....	.....	.....	.....	7	2,450	.....	.....	.....	.....	41,252	81,065	55
6	3,540	.....	.....	62	27,721	.....	.....	.....	.....	32	6,334	.....	.....	.....	.....	42,997	107,238	56
4	5,025	.....	.....	17	9,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,695	30,138	57
9	4,900	2	1,000	55	24,900	2	600	.....	.....	1	400	.....	.....	.....	.....	89,037	162,750	58
					19,033					116	40,496	11	3,312			2,307,343	3,363,672	59

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MAINE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
60	Lime and cement	28	$844,325	$415,275	$128,020	$200,600	$20,655	$429,050	$41,660	559	$294,455
61	Lock and gun smithing	8	10,840	8,400	375	250	7,775	2,440	1,339	11	5,816
62	Looking-glass and picture frames	26	44,019	6,227	505	335	5,387	37,792	5,779	65	36,486
63	Lumber and other mill products from logs or bolts.	831	11,883,447	6,635,791	2,496,453	1,408,082	2,731,256	5,247,656	546,396	8,932	2,519,609
64	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	67	962,940	483,660	77,800	170,950	239,910	474,280	51,508	660	332,412
65	Marble and stone work. (See also Monuments and tombstones.)	23	758,040	326,755	194,123	65,375	67,257	431,285	39,201	913	696,717
66	Masonry, brick and stone. (See also Plastering and stuccowork.)	49	119,495	39,711	2,875	8,575	28,261	79,784	9,266	695	362,131
67	Matches	3	178,787	111,482	8,928	46,283	56,271	67,305	17,224	133	56,806
68	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	3	3,560	1,285	260	740	285	2,275	242	3	894
69	Millinery, custom work	85	160,957	16,962	5,370	6,030	5,562	143,995	27,692	258	82,425
70	Mineral and soda waters. (See also Bottling.)	14	141,705	41,100	2,500	5,700	32,900	100,605	6,617	61	33,275
71	Models and patterns	7	18,100	13,675	3,000	5,000	5,675	4,425	723	13	8,750
72	Monuments and tombstones. (See also Marble and stone work.)	66	263,632	66,490	16,355	23,955	26,180	197,142	13,215	318	188,879
73	Musical instruments and materials, not specified. (See also Musical instruments, organs and materials.)	3	2,735	1,350	175	175	1,000	1,385	559	3	1,920
74	Oil, lubricating	5	92,200	21,200	4,400	10,000	6,800	71,000	5,854	31	14,898
75	Oilcloth, floor	3	368,000	121,000	16,000	67,000	38,000	247,000	16,750	302	156,348
76	Painting and paper hanging	99	164,370	31,493	4,345	9,750	17,398	132,877	17,207	460	237,258
77	Paper. (See also Leather board; Pulp, wood.)	6	1,578,327	1,049,000	180,000	384,000	485,000	529,327	145,607	775	371,080
78	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	16	82,299	25,120	7,750	12,350	5,020	57,179	34,761	46	17,025
79	Paving and paving materials	15	77,945	31,035	9,800	9,975	11,280	46,890	2,576	261	98,442
80	Photography	43	67,783	41,623	40	1,800	39,783	26,160	13,028	109	62,725
81	Plastering and stuccowork. (See also Masonry, brick and stone.)	8	14,485	1,460	.....	.....	1,460	13,025	2,309	68	40,865
82	Plumbing and gas fitting	31	180,525	32,248	11,000	4,500	16,748	148,277	17,235	224	138,177
83	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	36	177,686	134,450	1,000	5,700	127,750	43,236	18,126	173	80,908
84	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	105	1,140,152	661,027	17,725	59,650	583,652	479,125	244,936	1,343	632,159
85	Pulp, wood	11	2,695,498	1,995,602	399,000	503,799	1,092,803	699,896	177,001	793	366,257
86	Pumps, not including steam pumps	4	11,730	6,350	1,000	2,250	3,100	5,380	1,146	10	4,136
87	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	6	24,025	6,675	2,000	1,200	3,475	17,350	2,907	34	15,384
88	Saddlery and harness	129	246,841	67,691	14,554	28,610	24,527	179,150	21,265	374	167,843
89	Shipbuilding	85	1,027,756	243,965	76,990	62,175	104,800	783,791	109,032	1,539	843,715
90	Shirts. (See also Furnishing goods, men's.)	4	111,385	63,160	15,000	25,000	23,160	48,225	5,609	172	62,362
91	Slaughtering, wholesale, not including meat packing. (See also Sausage; Slaughtering and meat packing, wholesale.)	5	30,875	11,375	4,100	5,800	1,475	19,500	2,557	19	9,288
92	Soap and candles. (See also Grease and tallow.)	10	29,702	15,495	2,305	7,565	5,625	14,207	4,681	23	11,183
93	Starch	18	117,350	117,350	5,300	63,700	48,350	.....	19,579	324	34,855
94	Taxidermy	4	4,685	685	.....	.....	685	4,000	849	7	2,996
95	Timber products, not manufactured at mill.	63	1,094,868	476,577	322,602	.....	153,975	618,291	76,167	3,167	422,690
96	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	103	352,999	116,480	17,110	51,025	48,345	236,519	24,541	314	169,766
97	Tobacco, cigars and cigarettes	25	80,330	8,992	3,132	2,225	3,635	71,338	17,020	116	57,075
98	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	5	59,175	39,275	500	10,675	28,100	19,900	3,984	62	28,556
99	Trunks and valises	13	51,319	3,650	25	50	3,575	47,669	4,554	74	26,234
100	Vinegar and cider	11	17,856	12,130	685	2,985	8,460	5,726	530	24	2,569
101	Watch, clock, and jewelry repairing	42	32,660	21,925	1,850	2,200	17,875	10,675	7,216	78	43,124

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MAINE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
39	$32,262			520	$262,193											$794,904	$1,216,444	60
9	4,971			2	845											1,430	9,465	61
22	11,790	2	$454	31	17,941	9	$6,072			1	$229					41,930	94,242	62
516	234,739	10	3,949	7,928	2,156,377	67	13,119	51	$6,277	321	100,592	30	$4,204	9	$442	5,959,780	10,907,438	63
83	63,475			550	258,118			1	62	26	10,757					564,011	1,085,692	64
46	75,353			718	517,864					149	103,500					75,656	927,951	65
46	37,301	1	300	648	324,530											274,319	721,889	66
8	11,163			74	31,829	5	1,180			43	12,534			3	100	56,451	154,016	67
2	426			1	468											3,695	8,200	68
15	9,021	67	27,758	1	600	170	44,398	3	69			2	579			217,311	387,932	69
19	12,165			42	21,110											153,999	211,632	70
8	6,240			5	2,510											2,539	13,450	71
71	46,237	1	750	226	133,424	2	300	1	68	17	8,100					119,113	393,753	72
3	1,920															225	3,950	73
12	6,860			17	7,310	2	728									110,275	156,410	74
16	18,248			272	132,760	4	1,340			10	4,000					290,140	575,250	75
108	62,860	1	227	345	170,571					6	3,600					186,220	503,316	76
18	25,800			690	328,488	67	17,692									1,062,628	1,762,440	77
15	8,351			17	6,077	11	1,907	1	150	2	540					54,191	155,385	78
22	10,231			135	46,179			1	87	103	41,945					6,539	111,280	79
46	34,868	4	1,574	34	17,865	25	8,418									34,945	136,924	80
10	9,825			56	30,540					2	500					12,830	59,513	81
43	40,656	1	520	179	96,767			1	234							239,228	439,927	82
36	27,502	1	150	105	43,990	23	6,326	1	104	1	600	6	2,236			50,252	175,311	83
166	133,840	228	64,419	540	281,600	212	68,586	16	1,767	101	54,326	80	27,621			367,256	1,719,477	84
37	41,230	4	2,150	752	322,877											610,659	1,518,611	85
5	2,236			5	1,900											11,490	19,675	86
4	2,420			30	12,964											11,724	44,775	87
102	55,723	1	300	187	77,158	6	910			69	31,430	9	2,322			241,722	559,998	88
86	64,545	3	1,176	1,421	771,925			1	25	28	6,044					1,423,175	2,818,565	89
7	5,750	1	312	18	9,276	17	5,492			3	1,200	126	40,332			74,065	159,676	90
9	5,250			10	4,038											177,007	208,796	91
12	6,664			11	4,519											36,695	70,548	92
15	2,690			299	31,655	7	280			3	230					222,417	315,225	93
5	2,272			2	724											878	5,815	94
33	13,766			2,730	360,187	2	60			402	48,677					278,028	942,216	95
92	56,690	1	312	218	111,864					2	750	1	150			198,209	432,017	96
21	12,084			31	15,142	15	3,743	1	200	48	25,906					58,953	162,023	97
7	4,940			55	23,616											34,625	80,650	98
15	7,889			26	9,050	23	4,395			8	4,500	2	400			65,794	125,769	99
7	1,111			17	1,458											4,968	12,906	100
29	18,277			48	24,547					1	300					15,770	79,250	101

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MAINE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
102	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	33	$399,336	$207,605	$8,200	$56,410	$142,995	$191,731	$24,850	459	$186,133
103	Woodenware, not elsewhere specified	4	196,409	119,320	31,020	21,150	67,150	77,089	12,662	87	46,051
104	Woolen goods. (See also Felt goods; Hosiery and knit goods; Wool hats; Worsted goods.)	75	8,338,864	3,503,276	327,725	1,377,050	1,798,501	4,835,588	472,848	4,323	1,629,888
105	All other industries (a)	89	3,994,274	1,955,804	316,943	632,278	1,006,583	2,038,470	379,059	2,808	1,203,739

a Embraces babbitt metal and solder, 1; baskets and rattan and willow ware, 1; belting and hose, leather, 2; bicycle and tricycle repairing, 1; blacking, 2; bottling, 1; bridges, 1; bronze castings, 1; carpets, rag, 1; carriages and sleds, children's, 1; cheese and butter, urban dairy product, 2; coffee and spice, roasting and grinding, 2; cotton waste, 1; dyeing and finishing textiles, 1; dye stuffs and extracts, 2; electroplating, 2; engraving and diesinking, 1; engraving, steel, including plate printing, 1; felt goods, 1; fur goods, 2; glass, cutting, staining, and ornamenting, 2; glue, 1; gunpowder, 2; hand stamps, 1; hones and whetstones, 1; house furnishing goods, not elsewhere specified, 2; iron and steel, 2; iron and steel, forgings, 1; ironwork, architectural and ornamental, 2; ivory and bone work, 1; jewelry and instrument cases, 2; musical instruments, organs and materials, 1; nets and seines, 2; oakum, 1; paints, 2; paper goods, not elsewhere specified, 2;

BY COUNTIES.

1	The State	5,010	80,419,809	41,183,178	7,198,639	12,039,040	21,945,499	39,236,631	5,394,694	75,780	26,526,217
2	Androscoggin	475	15,099,896	7,813,095	761,377	2,705,266	4,346,452	7,286,801	1,153,511	13,715	5,237,218
3	Aroostook	173	1,785,604	865,000	181,435	291,605	391,960	920,604	125,487	2,421	436,302
4	Cumberland	984	12,956,103	5,638,427	966,100	1,518,438	3,153,889	7,317,676	890,215	11,661	4,867,788
5	Franklin	194	2,204,699	1,421,988	405,475	323,754	692,759	782,711	106,924	1,925	476,535
6	Hancock	192	1,174,911	610,767	264,171	141,815	204,781	564,144	85,566	1,423	452,027
7	Kennebec	561	10,340,614	6,546,661	968,930	1,846,249	3,731,482	3,802,953	658,389	7,908	3,205,484
8	Knox	208	2,441,862	1,080,136	393,564	352,790	333,782	1,361,726	106,725	2,280	983,207
9	Lincoln	125	951,974	691,594	368,371	82,220	241,003	260,380	31,479	686	211,899
10	Oxford	285	2,477,258	1,167,391	226,978	334,600	605,813	1,309,867	136,381	2,574	702,078
11	Penobscot	539	7,352,087	3,778,025	806,132	1,227,178	1,744,715	3,574,062	504,560	7,312	2,340,285
12	Piscataquis	123	2,269,913	1,057,765	189,770	396,975	471,020	1,203,148	101,795	1,695	520,723
13	Sagadahoc	55	1,976,041	443,761	114,473	94,350	234,938	632,280	113,370	1,376	632,637
14	Somerset	249	3,118,806	1,667,256	252,940	441,916	972,400	1,451,550	194,516	2,600	835,967
15	Waldo	263	997,191	465,544	134,255	130,295	200,994	531,647	61,606	2,823	862,184
16	Washington	201	2,613,366	1,426,734	397,548	503,350	525,836	1,186,632	171,598	3,565	867,433
17	York	383	13,559,484	6,509,034	767,120	1,648,239	4,093,675	7,050,450	952,572	11,816	3,894,450

MARYLAND.

BY SPECIFIED INDUSTRIES.

1	All industries	7,485	119,667,316	58,204,999	13,565,147	17,703,369	26,936,483	61,462,317	10,616,347	107,054	41,526,832
2	Agricultural implements	11	322,940	127,350	31,325	38,375	57,650	195,590	58,146	177	78,271
3	Artificial feathers and flowers. (See also Millinery and lace goods.)	3	2,145	785	300	400	85	1,360	438	6	2,650
4	Awnings, tents, and sails	23	111,690	4,750			4,750	106,940	8,226	140	85,776
5	Baking and yeast powders	5	150,875	56,350	17,100	26,800	12,450	94,525	2,914	75	26,462
6	Baskets and rattan and willow ware	19	51,583	23,703	4,500	8,500	10,703	27,880	2,791	163	27,550
7	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	616	797,161	443,864	141,065	198,604	104,195	353,297	42,462	1,258	555,411
8	Bluing	3	754	225			225	529	341	12	2,267
9	Bookbinding and blank-book making. (See also Printing and publishing.)	18	93,380	57,470	1,000	1,800	54,670	35,910	7,814	175	74,343
10	Boot and shoe uppers	21	76,349	26,805	7,000	9,240	10,565	49,544	3,903	92	46,018
11	Boots and shoes, custom work and repairing.	813	661,919	370,746	148,998	158,909	62,839	290,264	68,868	1,642	678,901
12	Boots and shoes, factory product	28	863,965	308,133	46,200	83,500	178,433	555,832	30,953	1,253	521,048
13	Bottling. (See also Liquors, malt; Mineral and soda waters.)	5	29,960	12,600			12,600	17,360	2,822	34	22,500
14	Boxes, cigar	12	58,725	25,620	3,780	6,390	15,450	33,105	2,476	121	43,203
15	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	12	149,798	45,856	5,500	8,000	32,356	103,852	15,399	459	195,590
16	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	16	539,108	245,835	63,183	81,450	101,202	293,273	30,471	739	299,156

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MAINE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
35	$29,557	1	$350	285	$113,561	43	$9,352	6	$750	55	$27,072	35	$5,491	.....	.....	$419,699	$709,606	102
6	3,380	.....	.....	67	37,296	.....	.....	.....	.....	14	5,375	.....	.....	.....	.....	71,640	180,730	103
113	122,656	3	885	2,570	1,046,420	1,336	373,517	88	14,859	68	31,525	145	40,026	.....	.....	4,960,119	7,521,317	104
145	128,869	7	2,471	1,834	804,444	363	102,810	139	24,472	175	98,322	145	42,351	.....	.....	3,401,592	5,571,480	105

perfumery and cosmetics, 1; photographic materials, 2; photolithographing and engraving, 1; pickles, preserves, and sauces, 2; plated and britannia ware, 1; refrigerators, 1; regalia and society banners and emblems, 1; rubber and elastic goods, 1; rules, ivory and wood, 1; sand and emery paper and cloth, 1; sausage, 2; saws, 1; shoddy, 2; show cases, 1; silk and silk goods, 1; slaughtering and meat packing, wholesale, 2; sporting goods, 2; springs, steel, car and carriage, 1; stationery goods, not elsewhere specified, 2; stencils and brands, 1; sugar and molasses, refining, 2; surgical appliances, 1; umbrellas and canes, 2; washing machines and clothes wringers, 1; wheelbarrows, 1; wirework, including wire rope and cable, 1; wool hats, 1; worsted goods, 1.

BY COUNTIES.

4,853	3,370,016	553	192,719	40,714	15,483,715	11,923	3,169,104	1,248	166,774	6,167	2,343,558	9,128	1,721,956	1,194	$77,475	51,520,589	95,689,500	1
594	535,340	74	34,388	6,457	2,729,305	3,440	912,063	229	38,084	1,022	521,319	1,891	465,084	8	1,635	10,309,041	18,551,302	2
103	47,691	.....	.....	2,249	371,956	33	5,273	.....	.....	36	11,382	.....	.....	.....	.....	1,012,378	1,868,620	3
1,110	890,213	105	39,658	5,963	2,719,457	1,724	453,019	188	23,762	995	398,343	1,117	301,553	459	41,783	9,345,301	17,253,180	4
172	87,534	2	468	1,205	324,492	255	31,487	37	1,047	138	24,969	71	5,981	45	557	981,508	1,883,750	5
135	57,748	6	2,783	862	278,568	177	26,546	28	2,201	185	78,181	30	6,000	.....	.....	764,698	1,533,976	6
585	413,153	240	70,719	4,005	1,705,473	1,469	424,726	146	21,524	684	358,564	736	204,889	43	6,436	5,115,326	10,567,632	7
196	158,224	6	1,769	1,355	686,710	224	65,046	8	934	74	32,771	417	37,753	.....	.....	1,784,666	3,210,332	8
80	38,748	1	477	488	156,728	13	2,426	1	25	46	6,795	57	6,700	.....	.....	430,211	789,839	9
244	115,445	1	400	1,789	502,148	159	31,636	54	4,124	181	36,870	134	11,085	12	370	1,532,118	2,900,098	10
505	318,069	59	19,011	5,013	1,654,646	491	100,898	38	2,700	787	182,177	418	62,772	1	12	5,069,968	9,424,603	11
78	42,353	.....	.....	1,353	395,937	168	53,319	17	2,240	51	16,551	28	10,323	.....	.....	1,179,054	2,090,366	12
67	42,281	3	1,466	1,080	516,884	9	3,414	.....	.....	117	42,592	100	26,000	.....	.....	1,101,080	2,282,572	13
213	109,377	19	6,469	1,370	458,258	414	119,498	17	2,405	126	50,955	440	88,875	1	130	2,265,271	3,612,581	14
174	104,204	12	4,185	990	530,175	91	22,123	9	571	215	71,491	1,331	129,390	1	42	781,772	1,920,607	15
210	102,771	1	312	1,556	445,356	133	22,295	35	1,615	831	214,665	488	65,744	311	14,675	1,822,274	3,421,719	16
387	307,765	24	10,614	4,979	2,007,622	3,123	895,335	441	65,542	679	295,930	1,870	299,807	313	11,835	8,025,923	14,378,263	17

MARYLAND.

BY SPECIFIED INDUSTRIES.

8,695	6,855,782	551	229,636	52,404	23,547,944	14,564	3,223,922	3,397	332,789	14,857	5,501,876	11,868	1,785,626	718	49,257	92,059,390	171,842,593	1
13	9,138	.....	.....	146	61,105	.....	.....	1	72	17	7,956	.....	.....	.....	.....	48,998	216,457	2
.....	.....	4	2,350	.....	.....	2	300	.....	.....	.....	.....	.....	.....	.....	.....	1,248	5,200	3
24	19,244	.....	.....	91	61,926	18	3,236	.....	.....	1	600	6	770	.....	.....	149,409	281,412	4
9	6,052	.....	.....	37	14,700	28	5,466	.....	.....	1	250	.....	.....	.....	.....	127,360	193,840	5
23	9,029	.....	.....	55	10,492	6	260	10	370	42	5,674	19	1,575	8	150	19,791	64,237	6
548	268,664	.....	.....	667	273,842	.....	.....	6	800	37	12,105	.....	.....	.....	.....	319,212	1,157,602	7
3	1,048	.....	.....	4	832	4	312	.....	.....	1	75	.....	.....	.....	.....	3,455	7,898	8
18	13,190	.....	.....	82	44,223	62	14,028	3	302	.....	.....	10	2,600	.....	.....	43,625	164,868	9
28	21,116	.....	.....	47	20,556	3	1,090	.....	.....	16	3,256	.....	.....	.....	.....	87,550	170,106	10
786	364,244	3	1,176	398	152,855	15	4,315	5	706	410	148,340	21	6,589	4	676	455,242	1,525,140	11
64	58,628	7	3,016	346	153,784	217	44,700	10	1,068	446	211,381	163	48,471	.....	.....	723,052	1,533,761	12
8	9,500	.....	.....	26	13,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103,852	155,100	13
10	8,110	.....	.....	68	23,878	4	1,070	1	130	18	4,400	20	5,615	.....	.....	58,643	139,382	14
16	11,640	1	416	70	26,678	121	21,916	39	6,600	105	18,716	107	19,624	.....	.....	116,646	280,100	15
22	25,941	.....	.....	568	219,595	.....	.....	44	6,900	105	46,720	.....	.....	.....	.....	618,540	1,094,876	16

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MARYLAND—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
17	Brass castings and brass finishing. (See also Plumbers' supplies.)	7	$1,472,361	$276,800	$3,000	$140,000	$133,800	$1,195,561	$30,652	1,187	$863,056
18	Bread and other bakery products	381	1,109,921	663,465	143,259	291,183	229,023	446,456	89,191	1,581	700,143
19	Brick and tile. (See also Clay and pottery products.)	64	2,560,902	1,362,651	550,651	382,206	429,794	1,198,251	279,437	2,508	681,475
20	Brooms and brushes	28	274,312	81,010	11,020	26,900	43,090	193,302	18,537	428	146,308
21	Carpentering	252	664,863	144,647	42,054	52,775	49,818	520,216	48,521	1,608	990,741
22	Carpets, rag	31	50,431	21,070	7,650	8,850	4,570	29,361	3,983	81	26,330
23	Carriage and wagon materials	11	128,804	55,330	11,866	23,264	20,200	73,474	10,786	100	43,887
24	Carriages and sleds, children's	3	54,262	1,739	.....	.....	1,739	52,523	8,522	69	27,359
25	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	181	898,296	416,234	112,194	220,585	83,455	482,062	44,677	1,016	479,221
26	Cars and general shop construction and repairs by steam railroad companies.	10	2,904,677	2,256,104	565,750	1,367,790	322,564	648,573	.....	3,014	1,490,464
27	Cars and general shop construction and repairs by street railroad companies.	3	49,151	18,365	9,500	7,000	1,865	30,786	277	71	45,665
28	Cheese, butter, and condensed milk, factory product.	24	75,875	64,175	3,505	23,575	37,095	11,700	2,682	56	16,224
29	Chemicals. (See also Fertilizers; Paints; Varnish.)	22	1,399,416	573,448	113,700	221,000	238,748	825,968	88,417	559	248,059
30	China, decorating	3	1,722	1,325	.....	.....	1,325	397	407	8	4,426
31	Clay and pottery products. (See also Brick and tile.)	11	497,507	287,000	101,800	82,750	102,450	210,507	9,079	623	263,797
32	Clothing, men's, custom work and repairing.	288	1,353,026	232,365	80,151	112,075	40,139	1,120,661	86,582	2,134	1,005,528
33	Clothing, men's, factory product	125	9,782,643	780,210	201,035	430,825	148,350	9,002,433	406,166	13,094	4,178,971
34	Clothing, women's, dressmaking	212	210,031	84,004	24,036	44,385	15,583	126,027	25,592	870	251,106
35	Clothing, women's, factory product	21	478,700	16,980	300	300	16,380	461,720	44,187	605	205,578
36	Coffee and spice, roasting and grinding	14	361,119	83,475	11,000	21,200	51,275	277,644	18,849	138	76,055
37	Coffins and burial cases, trimming and finishing.	90	246,337	120,640	26,995	48,710	44,935	125,697	20,205	185	98,413
38	Coffins, burial cases, and undertakers' goods.	9	80,384	18,800	2,100	4,500	12,200	61,584	14,131	86	41,587
39	Confectionery	110	940,611	543,375	143,660	253,102	146,613	397,236	102,758	886	290,099
40	Cooperage	59	287,621	135,624	62,524	55,685	17,415	151,997	17,167	623	289,824
41	Corsets	5	12,489	5,790	1,000	3,000	1,790	6,699	808	38	8,419
42	Cotton goods. (See also Hosiery and knit goods.)	15	7,296,793	5,242,300	466,300	1,464,600	3,311,400	2,054,493	354,478	4,313	1,134,445
43	Cutlery and edgetools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	15	16,940	9,765	1,800	1,800	6,165	7,175	4,388	41	23,020
44	Dentistry, mechanical	58	94,062	57,260	23,650	14,340	19,270	36,802	7,915	76	58,198
45	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	12	42,270	31,270	23,200	6,800	1,270	11,000	4,459	31	10,187
46	Dyeing and cleaning	44	70,053	44,963	12,820	18,180	13,963	25,090	7,919	133	63,629
47	Electroplating	8	16,047	9,410	460	500	8,450	6,637	2,286	38	20,293
48	Engraving and dissinking	7	7,425	4,575	.....	.....	4,575	2,850	1,318	14	10,138
49	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	7	3,010	2,625	.....	.....	2,625	385	655	18	9,288
50	Engraving, wood	3	988	585	.....	.....	585	403	349	5	4,214
51	Fancy articles, not elsewhere specified	6	27,150	10,125	.....	.....	10,125	17,025	2,729	43	13,120
52	Fertilizers. (See also Chemicals.)	53	6,935,914	1,843,383	430,075	852,100	561,208	5,092,531	459,109	1,232	711,548
53	Files. (See also Cutlery and edge tools.)	3	5,200	3,450	.....	.....	3,450	1,750	972	8	5,076
54	Flavoring extracts	4	15,700	1,900	.....	.....	1,900	13,800	1,563	14	6,356
55	Flouring and grist mill products	335	3,007,730	1,835,899	247,027	586,787	1,002,085	1,171,831	236,607	932	406,353
56	Food preparations. (See also Fruits and vegetables, canning and preserving; Oysters, canning and preserving.)	4	56,180	16,640	1,090	1,790	13,760	39,540	4,810	30	12,964
57	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	81	4,669,891	2,069,226	394,150	515,934	1,159,142	2,600,665	241,148	3,593	1,913,027
58	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	197	2,739,008	1,118,886	376,675	381,900	360,311	1,620,122	151,496	13,213	1,541,264
59	Fur goods. (See also Hats and caps, not including wool hats.)	9	97,895	21,745	10,000	10,000	1,745	76,150	7,973	105	34,290
60	Furnishing goods, men's. (See also Shirts.)	32	383,706	85,400	11,600	15,000	58,800	298,306	220,500	1,036	296,583
61	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	106	331,832	127,031	44,135	65,316	17,580	204,801	26,262	350	182,593

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MARYLAND—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
54	$128,328	.....	.....	1,082	$522,124	50	$12,500	1	$104	.....	.....	.....	.....	.....	.....	$785,945	$1,903,850	17
426	261,003	43	$17,754	1,015	402,199	79	16,510	13	1,734	5	$943	.....	.....	.....	.....	2,097,891	3,550,709	18
72	54,347	1	50	1,793	504,582	.....	.....	67	6,809	545	113,797	.....	.....	30	$1,890	217,385	1,481,603	19
27	17,448	.....	.....	254	80,216	17	3,900	12	1,987	108	40,487	3	$770	7	1,500	363,735	655,928	20
219	170,660	.....	.....	1,185	748,357	.....	.....	.....	.....	204	71,724	.....	.....	.....	.....	1,132,970	2,666,575	21
28	11,796	2	650	20	5,408	1	100	.....	.....	30	8,378	.....	.....	.....	.....	52,795	92,910	22
9	6,277	.....	.....	77	34,270	3	1,000	9	1,300	2	1,040	.....	.....	.....	.....	66,421	150,290	23
11	5,956	1	364	29	13,260	.....	.....	3	390	12	6,612	13	1,777	.....	.....	60,175	111,428	24
146	101,212	.....	.....	796	348,897	1	100	3	364	70	28,648	.....	.....	.....	.....	408,270	1,184,192	25
36	52,806	.....	.....	2,904	1,390,413	.....	.....	.....	.....	74	47,245	.....	.....	.....	.....	3,588,572	5,079,035	26
1	382	.....	.....	70	45,283	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,549	76,477	27
14	5,160	.....	.....	40	10,924	.....	.....	1	60	1	80	.....	.....	.....	.....	160,280	202,288	28
74	77,772	10	2,900	229	116,284	240	49,747	2	156	4	1,200	.....	.....	.....	.....	868,681	1,577,165	29
3	2,292	.....	.....	3	1,770	1	260	1	104	.....	.....	.....	.....	.....	.....	612	6,250	30
17	17,014	1	210	491	214,337	65	15,000	20	2,130	25	14,156	3	840	1	104	116,560	504,225	31
329	249,936	10	2,448	553	298,970	117	27,173	12	1,447	882	384,023	231	41,531	.....	.....	1,081,926	2,752,332	32
377	406,416	17	5,885	2,097	1,218,798	2,180	586,262	34	3,498	4,036	1,158,570	4,343	798,488	10	1,054	8,123,073	15,032,924	33
9	10,260	210	87,061	3	1,175	555	129,748	3	380	2	200	78	21,032	10	1,250	319,125	706,418	34
22	23,470	8	1,752	45	34,478	139	35,478	3	500	53	25,760	335	84,140	.....	.....	447,026	870,681	35
38	37,244	.....	.....	68	33,453	19	3,266	.....	.....	1	364	12	1,728	.....	.....	1,571,159	1,789,790	36
85	59,724	.....	.....	94	37,948	1	260	.....	.....	5	481	.....	.....	.....	.....	177,619	408,519	37
23	13,632	.....	.....	55	24,647	.....	.....	3	308	5	3,000	.....	.....	.....	.....	81,723	183,179	38
136	78,539	19	4,722	396	149,110	250	43,948	29	2,810	35	7,798	21	3,172	.....	.....	1,221,210	1,909,925	39
46	30,564	.....	.....	303	137,649	.....	.....	.....	.....	274	121,611	.....	.....	.....	.....	548,319	969,142	40
1	500	2	570	2	845	9	2,548	2	260	.....	.....	22	3,696	.....	.....	7,443	26,490	41
56	78,549	1	360	1,231	443,612	1,968	483,721	938	107,442	18	4,181	101	16,580	.....	.....	3,378,016	5,457,792	42
16	12,764	.....	.....	25	10,256	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,139	49,952	43
61	53,052	.....	.....	12	4,594	.....	.....	.....	.....	3	552	.....	.....	.....	.....	34,560	137,185	44
10	6,874	.....	.....	12	3,188	5	75	.....	.....	4	50	.....	.....	.....	.....	4,638	29,011	45
38	24,217	7	3,786	58	25,948	27	9,029	2	389	1	260	.....	.....	.....	.....	17,758	138,508	46
10	8,420	.....	.....	24	10,063	.....	.....	2	250	2	1,560	.....	.....	.....	.....	8,385	33,500	47
2	2,820	.....	.....	11	6,518	.....	.....	.....	.....	1	800	.....	.....	.....	.....	1,361	17,878	48
7	6,168	.....	.....	5	2,080	3	832	3	208	.....	.....	.....	.....	.....	.....	1,246	17,075	49
3	3,850	.....	.....	2	364	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	468	8,314	50
5	2,520	.....	.....	11	5,300	23	5,000	4	300	.....	.....	.....	.....	.....	.....	28,150	69,400	51
179	218,216	2	650	1,043	489,612	4	2,080	.....	.....	4	900	.....	.....	.....	.....	3,984,178	6,208,025	52
4	2,580	.....	.....	4	2,496	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,350	9,600	53
2	2,800	3	500	6	2,136	1	520	2	400	.....	.....	.....	.....	.....	.....	15,165	34,000	54
307	166,290	.....	.....	597	233,256	1	175	4	140	13	4,392	10	2,100	.....	.....	5,778,873	6,904,888	55
6	3,224	.....	.....	21	9,176	3	564	.....	.....	.....	.....	.....	.....	.....	.....	85,810	132,738	56
235	245,272	6	1,848	2,923	1,503,818	.....	.....	28	5,866	401	156,223	.....	.....	.....	.....	1,875,508	4,925,672	57
165	124,878	.....	.....	3,623	482,992	3,546	490,576	988	23,825	1,006	151,994	3,595	262,404	290	4,568	4,416,352	7,106,109	58
11	6,098	3	1,794	38	15,816	51	10,296	2	286	.....	.....	.....	.....	.....	.....	78,918	147,600	59
40	39,248	2	900	100	53,770	546	139,709	7	984	172	33,032	169	28,940	.....	.....	769,376	1,492,300	60
99	60,852	2	728	224	113,974	14	3,839	3	450	7	2,650	1	100	.....	.....	296,945	629,917	61

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MARYLAND—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
62	Furniture, chairs	5	$358,662	$121,613	$51,213	$56,500	$13,900	$237,049	$24,037	271	$103,726
63	Furniture, factory product	28	938,169	384,949	120,275	156,406	108,268	553,220	53,555	1,193	566,340
64	Gas, illuminating and heating	7	1,615,815	11,252,045	3,519,500	1,028,000	6,704,545	363,770	103,267	202	144,361
65	Glass	11	871,111	527,192	142,000	296,692	88,500	343,919	35,847	1,413	708,736
66	Glass, cutting, staining, and ornamenting.	6	12,475	5,775	.....	.....	5,775	6,700	1,727	23	16,064
67	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	3	31,443	2,965	200	800	1,965	28,478	3,096	63	10,674
68	Gold and silver, lesf and foil	4	23,990	17,350	3,300	7,950	6,100	6,640	1,555	71	19,994
69	Grease and tallow. (See also Soap and candles.)	4	113,370	31,385	5,200	17,800	8,385	81,985	3,242	29	15,405
70	Hairwork	8	12,261	3,611	1,600	1,640	371	8,650	1,919	26	7,480
71	Hand stamps	5	61,750	33,800	15,000	5,000	13,800	27,950	7,719	56	23,380
72	Hats and caps, not including wool hats. (See also Fur goods.)	19	724,807	139,655	350	900	138,405	585,152	86,682	844	305,122
73	Hay and straw, baling	3	16,950	9,350	450	2,100	6,800	7,600	1,025	19	4,780
74	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	8	149,656	56,499	4,950	13,855	37,694	93,157	9,747	306	61,466
75	Ice, artificial	5	638,073	624,900	201,700	75,700	347,500	13,173	5,110	78	30,193
76	Instruments, professional and scientific.	7	45,970	33,500	23,000	5,000	5,500	12,470	3,601	25	15,378
77	Iron and steel	10	4,067,574	3,237,054	372,000	1,190,000	1,675,054	830,520	46,077	1,272	396,351
78	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	5	92,508	55,958	13,758	32,700	9,500	36,550	1,993	91	53,313
79	Japanning	3	1,565	600	.....	.....	600	965	706	9	4,298
80	Jewelry. (See also Watch, clock, and jewelry repairing.)	8	249,335	13,850	.....	.....	13,850	235,485	7,415	77	53,385
81	Kaolin and other earth grinding	4	40,295	27,820	6,000	8,000	13,820	12,475	4,381	28	10,442
82	Labels and tags	3	49,452	32,600	1,500	1,500	29,600	16,852	3,463	36	15,960
83	Lamps and reflectors. (See also Gas and lamp fixtures.)	3	3,150	1,650	100	400	1,150	1,500	593	8	4,036
84	Leather, tanned and curried	32	594,478	197,945	45,875	105,030	47,040	396,533	42,315	356	148,548
85	Lime and cement	29	537,891	444,593	314,298	75,550	54,655	93,388	15,904	354	113,371
86	Liquors, distilled	13	1,498,607	887,609	266,359	462,450	158,800	610,998	1,510,009	183	105,765
87	Liquors, malt. (See also Bottling.)	32	5,824,669	4,333,083	819,314	2,075,521	1,438,248	1,491,586	1,186,155	823	672,377
88	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	4	314,800	131,000	.....	.....	131,000	183,800	22,410	197	125,766
89	Lock and gun smithing	28	35,936	12,610	2,150	2,860	7,600	23,326	4,498	68	36,510
90	Looking-glass and picture frames	34	608,652	58,395	10,500	13,500	34,395	550,257	55,146	547	208,275
91	Lumber and other mill products from logs or bolts.	212	1,449,795	955,981	294,608	112,635	548,738	493,814	54,246	1,678	389,747
92	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	45	1,990,138	881,336	297,600	208,150	375,586	1,108,802	131,296	1,305	782,391
93	Malt. (See also Liquors, malt.)	3	438,657	243,500	65,000	160,000	18,500	195,157	15,699	94	41,877
94	Mantels, slate, marble, and marbleized	4	46,575	17,375	6,800	8,000	2,575	29,200	3,005	32	20,166
95	Marble and stone work. (See also Monuments and tombstones.)	34	1,157,856	441,959	142,750	98,837	200,372	715,897	168,445	825	510,821
96	Masonry, brick and stone. (See also Plastering and stuccowork.)	131	3,062,557	210,384	84,676	69,765	55,943	2,852,173	191,547	4,576	3,202,997
97	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	15	94,679	40,783	15,685	19,800	5,298	53,896	10,628	115	41,977
98	Millinery and lace goods. (See also Artificial feathers and flowers.)	6	59,075	7,925	2,500	1,500	3,925	51,150	5,422	167	53,038
99	Millinery, custom work	104	369,398	119,391	50,712	62,210	6,469	250,007	37,315	482	181,902
100	Mineral and soda waters. (See also Bottling.)	22	146,647	103,500	18,150	27,300	58,050	43,147	6,500	125	62,929
101	Models and patterns	8	21,505	14,800	4,133	2,067	8,600	6,705	1,895	31	19,083
102	Monuments and tombstones. (See also Marble and stone work.)	38	148,797	46,470	20,383	11,762	14,325	102,327	8,835	178	87,634
103	Musical instruments and materials, not specified.	7	4,530	1,100	.....	.....	1,100	3,430	944	13	6,702
104	Musical instruments, organs and materials.	5	37,163	7,300	450	3,000	3,850	29,863	7,617	66	40,529
105	Musical instruments, pianos and materials.	4	1,063,987	100,935	6,835	43,000	51,100	963,052	128,460	737	532,160
106	Optical goods	3	20,535	3,035	.....	.....	3,035	17,500	5,277	24	26,336
107	Oysters, canning and preserving. (See also Food preparations.)	8	953,232	445,000	229,000	148,000	68,000	508,232	43,301	2,880	618,100
108	Painting and paper hanging	232	471,397	144,456	45,420	55,630	43,500	326,941	35,292	1,082	636,377
109	Paints. (See also Chemicals; Varnish.)	12	478,108	214,000	35,000	74,500	104,500	264,108	20,583	135	67,709
110	Paper. (See also Pulp, wood.)	17	919,766	702,980	90,580	238,600	375,800	216,786	157,569	491	193,168
111	Paper patterns	3	1,667	1,552	500	550	502	115	301	4	1,226

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MARYLAND—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
21	$17,684	.....	.....	176	$60,505	32	$8,637	2	$400	40	$16,500	.....	.....	.....	.....	$388,310	$585,880	62
67	70,253	.....	.....	820	366,809	5	1,300	29	2,184	272	125,794	.....	.....	.....	.....	665,449	1,525,075	63
45	53,234	.....	.....	157	91,127	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	445,584	1,776,867	64
16	12,176	.....	.....	554	145,902	24	6,864	286	33,369	491	505,019	.....	.....	42	$5,406	295,337	1,256,697	65
7	7,344	.....	.....	16	8,720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,460	41,104	66
8	3,275	.....	.....	1	300	8	1,307	.....	.....	.....	.....	43	$5,492	3	300	16,788	42,120	67
2	1,940	.....	.....	23	8,226	24	4,748	.....	.....	.....	.....	22	5,080	.....	.....	57,017	93,835	68
7	5,300	.....	.....	21	10,005	.....	.....	.....	.....	1	100	.....	.....	.....	.....	187,424	220,735	69
1	416	4	$1,768	.....	.....	18	4,360	.....	.....	.....	.....	3	936	.....	.....	9,265	24,313	70
6	4,348	1	300	44	17,972	1	350	4	410	.....	.....	.....	.....	.....	.....	21,046	71,954	71
40	25,660	1	180	208	104,438	57	17,372	4	520	112	55,960	422	100,992	.....	.....	607,830	1,262,023	72
3	1,300	.....	.....	16	3,480	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,491	25,600	73
17	16,900	.....	.....	20	8,892	17	2,028	.....	.....	2	450	185	27,476	65	5,720	87,315	180,823	74
8	5,690	.....	.....	70	24,503	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,608	61,594	75
10	6,278	.....	.....	14	8,580	.....	.....	.....	.....	1	520	.....	.....	.....	.....	2,556	30,293	76
25	24,358	.....	.....	1,247	371,993	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,217,173	2,869,208	77
6	6,500	.....	.....	85	46,813	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58,643	150,788	78
5	3,700	.....	.....	4	598	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,706	8,039	79
10	14,254	.....	.....	64	38,569	1	250	2	312	.....	.....	.....	.....	.....	.....	138,658	260,650	80
2	1,510	.....	.....	26	8,932	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,579	35,200	81
7	5,408	.....	.....	23	9,540	3	700	3	312	.....	.....	.....	.....	.....	.....	31,550	60,000	82
2	1,124	.....	.....	6	2,912	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,761	8,800	83
43	33,109	.....	.....	294	105,439	6	1,740	1	300	12	7,960	.....	.....	.....	.....	722,474	986,430	84
12	9,325	.....	.....	304	92,146	.....	.....	.....	.....	38	11,900	.....	.....	.....	.....	126,880	350,159	85
6	9,361	.....	.....	177	96,404	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	757,892	2,668,650	86
87	141,192	1	300	733	530,365	.....	.....	2	520	.....	.....	.....	.....	.....	.....	1,586,951	4,662,887	87
18	35,690	1	300	149	82,704	29	7,072	.....	.....	.....	.....	.....	.....	.....	.....	98,731	316,352	88
32	20,582	.....	.....	34	15,704	.....	.....	1	104	1	120	.....	.....	.....	.....	14,144	68,751	89
47	36,375	8	1,937	381	146,944	83	14,670	8	1,012	14	6,265	6	1,072	.....	.....	513,795	943,766	90
144	55,659	.....	.....	1,369	308,166	21	4,300	41	4,372	75	15,541	10	1,000	18	709	840,257	1,595,282	91
131	121,030	.....	.....	977	518,046	.....	.....	4	535	193	142,780	.....	.....	.....	.....	2,005,755	3,332,563	92
4	5,006	.....	.....	90	36,871	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	287,346	395,517	93
4	4,108	1	624	23	12,938	.....	.....	.....	.....	4	2,496	.....	.....	.....	.....	23,381	55,469	94
64	70,956	.....	.....	759	437,815	.....	.....	.....	.....	2	2,050	.....	.....	.....	.....	596,076	1,626,291	95
109	163,794	.....	.....	4,102	2,884,587	1	208	.....	.....	364	154,408	.....	.....	.....	.....	5,306,611	10,282,435	96
12	9,165	1	208	60	22,404	8	2,090	2	312	23	6,636	8	912	1	250	124,593	236,180	97
9	7,000	3	780	17	5,886	72	19,508	.....	.....	1	104	65	19,780	.....	.....	69,000	155,500	98
15	14,364	93	50,446	3	1,040	334	107,968	2	138	2	700	33	7,246	.....	.....	329,567	695,221	99
22	18,037	.....	.....	101	44,592	.....	.....	2	300	.....	.....	.....	.....	.....	.....	67,978	228,669	100
12	9,728	.....	.....	17	8,847	.....	.....	.....	.....	1	300	1	208	.....	.....	8,110	37,730	101
37	26,767	.....	.....	140	60,765	.....	.....	.....	.....	1	102	.....	.....	.....	.....	84,458	236,249	102
7	4,580	.....	.....	5	1,872	.....	.....	.....	.....	1	250	.....	.....	.....	.....	2,348	13,686	103
10	10,424	.....	.....	51	28,027	.....	.....	1	78	4	2,000	.....	.....	.....	.....	37,925	100,475	104
36	74,280	2	3,000	452	265,880	.....	.....	22	4,000	225	185,000	.....	.....	.....	.....	406,592	1,291,165	105
5	13,500	.....	.....	19	12,836	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,835	61,584	106
48	59,060	.....	.....	491	157,303	673	214,860	50	4,000	670	98,077	850	79,600	100	5,200	1,877,353	2,834,400	107
235	168,803	2	230	732	420,507	24	5,138	4	650	95	41,049	.....	.....	.....	.....	420,088	1,369,200	108
30	24,548	.....	.....	102	42,485	3	676	.....	.....	.....	.....	.....	.....	.....	.....	200,140	352,533	109
19	21,959	.....	.....	376	155,889	68	12,734	6	936	.....	.....	20	1,500	2	150	552,604	1,001,945	110
1	520	2	556	1	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200	2,405	111

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY MARYLAND—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregatee.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
113	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	23	$302,810	$254,935	$52,500	$78,900	$123,535	$647,875	$295,533	711	$249,608
114	Paving and paving materials	5	32,680	8,090	.....	.....	8,090	24,590	2,516	64	25,238
115	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	5	13,868	2,628	.....	.....	2,628	11,240	2,038	29	9,020
116	Photography	41	85,859	63,655	9,700	12,300	41,655	22,204	19,031	158	77,784
117	Photolithographing and engraving. (See also Lithographing and engraving.)	3	9,650	6,300	.....	.....	6,300	3,350	1,385	14	7,895
118	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	10	38,328	19,228	5,533	6,900	6,795	19,100	1,611	36	14,166
119	Plastering and stuccowork. (See also Masonry, brick and stone.)	25	22,514	4,466	1,125	2,350	991	18,048	2,853	106	65,612
120	Plumbers' supplies. (See also Brass castings and brass finishing.)	4	295,819	119,880	.....	.....	119,880	175,939	25,276	376	174,954
121	Plumbing and gas fitting	119	320,507	94,454	26,371	35,738	32,345	226,053	24,657	539	288,018
122	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	102	738,811	498,648	3,750	5,000	489,898	240,163	60,955	935	422,226
123	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	113	1,385,133	953,525	188,525	183,500	581,500	431,608	307,413	1,251	846,819
124	Pumps, not including steam pumps	4	7,058	6,200	900	3,050	2,250	858	394	7	2,500
125	Refrigerators	5	59,439	22,200	2,500	13,500	6,200	37,239	5,402	53	28,583
126	Regalia and society banners and emblems.	3	36,150	23,500	.....	.....	23,500	12,650	2,700	49	20,594
127	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	54	186,481	90,277	11,725	45,037	33,515	96,204	16,672	184	85,034
128	Saddlery and harness	143	715,655	197,430	78,200	84,835	34,395	518,225	54,161	670	265,202
129	Sewing machine repairing	12	8,385	2,830	.....	.....	2,830	5,555	1,873	21	8,916
130	Shipbuilding	34	1,315,262	509,975	134,050	29,480	346,445	805,287	92,677	1,075	649,342
131	Shirts. (See also Furnishing goods, men's.)	18	418,400	108,653	10,000	50,000	48,653	309,747	43,265	1,311	345,407
132	Show cases	3	160,168	63,633	6,000	12,000	45,633	96,535	22,587	204	96,322
133	Silk and silk goods	4	50,400	19,900	6,000	1,500	12,400	30,500	3,798	75	24,233
134	Silverware. (See also Plated and britannia ware.)	5	41,178	12,500	.....	.....	12,500	28,678	2,562	59	46,514
135	Slaughtering and meat packing, wholesale. (See also Sausage.)	14	958,521	330,600	76,800	97,750	156,050	627,921	75,232	421	225,112
136	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	3	34,560	22,310	4,200	15,600	2,510	12,250	927	23	13,180
137	Soap and candles. (See also Grease and tallow.)	6	430,642	190,592	29,015	88,756	72,821	240,050	29,590	153	80,300
138	Timber products, not manufactured at mill.	5	10,100	7,730	5,360	.....	2,370	2,370	682	23	2,601
139	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	226	2,483,033	1,023,574	205,600	313,254	504,720	1,459,459	140,007	3,589	1,405,539
140	Tobacco, chewing, smoking, and snuff	6	2,203,619	853,548	132,244	589,875	131,429	1,350,071	928,023	1,221	374,101
141	Tobacco, cigars and cigarettes	385	1,396,602	282,574	106,462	115,122	60,990	1,114,028	363,944	2,227	920,535
142	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	6	62,145	44,900	4,000	7,200	33,700	17,245	1,839	46	23,964
143	Trunks and valises. (See also Leather goods.)	20	27,130	6,571	2,580	2,300	1,691	20,559	4,481	76	30,046
144	Type founding	4	272,000	145,000	.....	.....	145,000	127,000	18,040	121	67,875
145	Umbrellas and canes	15	161,115	25,080	7,100	10,100	7,880	136,035	7,894	158	48,002
146	Upholstery materials. (See also Woolen goods.)	7	1,146,223	148,850	29,900	54,500	64,450	997,373	25,057	793	233,275
147	Vinegar and cider	6	71,007	34,259	8,104	9,000	16,255	36,748	3,411	43	23,481
148	Watch, clock, and jewelry repairing. (See also Jewelry.)	101	138,379	60,323	12,895	19,807	27,621	78,056	17,245	177	106,518
149	Window shades	7	31,458	7,763	1,000	6,000	763	23,695	2,556	48	22,749
150	Wirework, including wire rope and cables. (See also Mattresses and spring beds.)	4	65,341	27,175	7,000	10,000	10,175	38,166	1,868	70	36,538
151	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	13	30,675	11,505	2,000	2,650	6,855	19,170	4,207	63	25,084
152	Woolen goods. (See also Gloves and mittens; Hosiery and knit goods.)	9	372,875	228,600	32,200	75,800	120,600	144,275	14,442	383	123,931
153	All other industries(a)	101	4,835,250	1,756,954	268,751	362,930	1,125,273	3,078,296	323,593	2,635	1,213,182

a Embraces ammunition, 1; artificial limbs, 1; artists' materials, 1; babbitt metal and solder, 2; bags, other than paper, 2; bags, paper, 2; belting and hose, linen, 2; billiard tables and materials, 1; blacking, 1; boot and shoe findings, 1; brassware, 2; bridges, 2; buttons, 1; calcium lights, 1; cleansing and polishing preparations, 2; cloth, sponging and refinishing, 1; clothing, horse, 1; clothing, men's, factory product, buttonholes, 2; cordage and twine, 2; cotton waste, 1; drug grinding, 1; dyeing and finishing textiles, 2; dye stuffs and extracts, 1; electrical apparatus and supplies, 2; enameling, 1; firearms, 2; fire extinguishers, chemical, 1; fireworks, 2; galvanizing, 1; gas and lamp fixtures, 2; gas machines and meters, 2; glue, 2; hand knit goods, 1; hardware, 1; house furnishing goods, not elsewhere specified, 2; ink, writing, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 2; jewelry

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MARYLAND—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
37	$27,732	16	$3,745	256	$140,332	351	$73,108	3	$401	2	$750	46	$3,540	.....	.....	$784,320	$1,964,463	113
4	2,747	.....	.....	30	11,051	.....	.....	.....	.....	30	11,440	.....	.....	.....	.....	43,467	99,353	114
2	2,424	1	260	6	2,800	18	3,276	2	260	.....	.....	.....	.....	.....	.....	41,987	67,009	115
37	31,566	3	1,303	79	34,419	24	5,888	4	408	10	3,950	1	250	.....	.....	44,620	204,663	116
2	1,295	.....	.....	12	6,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,501	17,000	117
12	6,140	1	100	14	6,078	9	1,848	.....	.....	.....	.....	.....	.....	.....	.....	41,320	87,195	118
30	19,042	.....	.....	75	46,310	.....	.....	.....	.....	1	260	.....	.....	.....	.....	23,435	109,950	119
23	22,936	.....	.....	276	105,794	.....	.....	.....	.....	77	46,224	.....	.....	.....	.....	216,978	495,500	120
123	90,281	1	314	408	195,617	1	260	2	276	4	1,270	.....	.....	.....	.....	351,998	831,200	121
140	121,729	11	4,352	573	250,235	95	20,209	45	7,200	67	17,981	4	520	.....	.....	374,014	1,167,634	122
198	182,126	10	4,894	715	425,878	25	7,494	29	4,051	272	221,336	2	1,040	.....	.....	431,560	2,004,724	123
4	1,907	.....	.....	3	593	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	736	4,345	124
11	8,015	.....	.....	32	14,323	.....	.....	1	78	9	6,167	.....	.....	.....	.....	33,590	78,918	125
9	5,600	.....	.....	22	10,000	18	4,994	.....	.....	.....	.....	.....	.....	.....	.....	15,838	57,404	126
55	32,955	.....	.....	124	51,442	.....	.....	.....	.....	3	377	.....	.....	2	$260	131,793	315,287	127
145	86,632	1	575	434	148,695	31	5,880	1	150	58	23,270	.....	.....	.....	.....	492,088	1,018,164	128
6	2,690	.....	.....	15	6,226	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,232	20,073	129
32	28,859	.....	.....	1,030	618,945	.....	.....	2	338	11	1,200	.....	.....	.....	.....	737,457	1,737,674	130
35	33,944	5	5,400	103	46,514	509	121,647	25	2,547	444	92,510	190	42,845	.....	.....	597,953	1,191,918	131
12	9,968	1	116	107	43,691	.....	.....	9	1,383	73	40,980	.....	.....	2	184	129,397	263,246	132
3	3,600	.....	.....	28	12,045	44	8,588	.....	.....	.....	.....	.....	.....	.....	.....	34,305	100,361	133
4	4,120	.....	.....	45	38,734	2	312	1	78	7	3,270	.....	.....	.....	.....	34,584	107,920	134
52	53,654	1	250	357	168,902	3	650	4	606	4	1,050	.....	.....	.....	.....	3,668,147	4,311,412	135
2	1,820	.....	.....	21	11,360	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	301,416	359,278	136
18	19,440	.....	.....	123	58,702	.....	.....	12	2,158	.....	.....	.....	.....	.....	.....	363,499	621,279	137
5	780	.....	.....	12	1,093	.....	.....	.....	.....	3	364	2	260	1	104	684	5,190	138
304	218,099	5	1,830	2,164	842,374	240	34,440	143	29,252	591	236,252	107	32,372	35	10,920	3,246,489	5,538,301	139
43	38,966	.....	.....	248	110,166	824	213,617	106	11,352	.....	.....	.....	.....	.....	.....	1,534,205	3,216,247	140
376	225,250	3	1,300	494	180,545	53	12,811	63	7,979	1,058	459,767	177	32,758	3	125	1,048,483	2,858,344	141
8	4,708	.....	.....	38	19,256	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,610	56,000	142
14	8,484	.....	.....	49	16,966	.....	.....	1	52	12	4,544	.....	.....	.....	.....	43,745	110,000	143
17	19,569	1	1,560	64	37,111	8	1,780	13	2,915	18	4,940	.....	.....	.....	.....	35,240	162,200	144
21	14,256	3	364	18	9,172	12	2,492	.....	.....	10	2,318	94	19,400	.....	.....	197,068	305,366	145
5	4,250	.....	.....	504	170,399	35	7,400	28	4,786	45	17,040	120	22,200	56	7,200	675,056	1,076,078	146
14	13,631	.....	.....	24	8,958	2	520	2	260	1	112	.....	.....	.....	.....	23,622	65,734	147
98	67,499	.....	.....	64	32,954	1	75	.....	.....	14	5,990	.....	.....	.....	.....	48,799	226,433	148
9	6,489	1	260	28	13,500	9	2,050	.....	.....	1	450	.....	.....	.....	.....	45,730	82,910	149
8	5,560	.....	.....	58	29,886	.....	.....	.....	.....	4	1,092	.....	.....	.....	.....	27,487	78,668	150
14	9,036	.....	.....	46	15,696	2	300	1	52	.....	.....	.....	.....	.....	.....	25,461	72,088	151
7	4,450	.....	.....	190	66,975	118	37,991	68	14,515	.....	.....	.....	.....	.....	.....	424,855	579,516	152
215	238,985	2	494	1,782	830,389	219	46,509	36	5,072	179	63,617	174	26,599	28	1,537	6,201,704	9,158,687	153

and instrument cases, 1; lasts, 1; lead, bar, pipe, and sheet, 1; leather goods, 2; leather, morocco, 1; millstones, 2; mucilage and paste, 1; nets and seines, 1; oakum, 1; oil, lubricating, 2; paper hangings, 1; petroleum, refining, 2; pipes, tobacco, 1; plated and britannia ware, 2; printing materials, 1; printing, tin, 1; pulp, wood, 1; rubber and elastic goods, 1; safes and vaults, 1; sausage, 2; saws, 2; scales and balances, 2; smelting and refining, 1; stamped ware, 1; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 2; stencils and brands, 1; surgical appliances, 2; toys and games, 2; varnish, 1; washing machines and clothes wringers, 1; watch cases, 1; whips, 1; woodenware, not elsewhere specified, 1.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MARYLAND—Continued.

BY COUNTIES.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregatee.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	The State	7,485	$119,667,316	$58,204,999	$13,565,147	$17,703,369	$26,936,483	$61,462,317	$10,616,347	107,054	$41,526,832
2	Allegany	147	2,055,094	1,331,790	216,168	319,138	796,484	723,304	227,447	1,717	725,238
3	Anne Arundel	40	1,412,583	324,860	40,745	209,600	74,515	1,087,723	204,072	439	174,149
4	Baltimore	262	11,408,768	7,339,612	802,199	2,889,611	3,647,802	4,069,156	669,231	5,094	1,626,558
5	Baltimore city	5,265	92,723,677	41,855,176	11,172,161	11,924,032	18,758,983	50,868,501	8,771,869	83,745	35,914,854
6	Calvert	17	38,944	26,307	1,687	9,120	15,500	12,637	1,572	49	20,786
7	Caroline	44	210,691	113,945	17,830	34,020	62,095	96,746	24,855	1,124	50,089
8	Carroll	180	890,015	486,185	57,745	208,770	219,670	403,830	68,655	785	204,959
9	Cecil	80	1,555,315	1,036,149	177,650	351,104	507,395	519,166	162,660	1,365	561,875
10	Charles	15	25,764	17,500	3,425	3,925	10,150	8,264	1,860	41	8,531
11	Dorchester	67	454,717	279,448	47,484	67,265	164,699	175,269	16,948	658	89,733
12	Frederick	372	2,065,913	1,132,148	245,194	406,028	480,926	933,765	115,135	1,798	527,342
13	Garrett	68	270,491	181,205	61,940	25,640	93,625	89,286	11,847	352	90,831
14	Harford	264	626,918	441,882	79,290	177,025	185,567	185,036	36,489	4,493	253,017
15	Howard	37	1,700,592	1,256,538	168,058	412,465	676,015	444,054	43,016	845	232,484
16	Kent	48	379,028	240,690	28,390	62,560	149,740	138,338	30,077	185	62,014
17	Montgomery	71	238,141	137,095	28,698	53,562	54,835	101,046	9,722	134	48,577
18	Prince George	20	514,107	332,820	47,165	116,000	169,655	181,287	24,574	411	50,327
19	Queen Anne	46	178,977	117,220	31,450	29,275	56,495	61,757	7,603	110	35,378
20	St. Mary	21	51,750	42,725	7,030	11,905	23,790	9,025	2,147	57	11,635
21	Somerset	35	155,955	96,095	21,410	20,865	53,820	59,860	5,714	268	50,332
22	Talbot	45	191,944	115,635	22,535	28,200	64,900	76,309	8,750	343	54,140
23	Washington	263	1,650,816	813,982	161,466	258,694	393,822	836,834	148,465	1,738	534,547
24	Wicomico	69	438,963	206,700	50,975	51,155	104,570	232,263	13,929	810	94,182
25	Worcester	69	428,153	279,292	74,452	33,410	171,430	148,861	9,710	493	105,254

MASSACHUSETTS.

BY SPECIFIED INDUSTRIES.

1	All industries	26,923	630,032,341	274,781,845	40,926,844	83,906,371	149,948,630	355,250,496	63,083,782	485,182	239,670,509
2	Agricultural implements	17	1,817,750	568,350	77,050	349,725	141,575	1,249,400	81,876	787	448,927
3	Artificial feathers and flowers. (See also Millinery and lace goods.)	5	9,844	575			575	9,269	5,054	28	9,882
4	Artificial limbs. (See also Surgical appliances.)	4	13,275	8,250	2,100	4,100	2,050	5,025	1,301	10	5,165
5	Artists' materials	3	57,144	5,500	400	600	4,500	51,644	8,738	94	38,118
6	Awnings, tents, and sails	68	261,010	21,910	2,150	1,950	17,810	239,100	30,072	349	221,659
7	Bags, other than paper	4	49,112	12,265	1,000	1,000	10,265	36,847	5,455	43	19,187
8	Baking and yeast powders	9	381,489	148,752	52,970	58,125	37,657	232,737	21,659	112	66,659
9	Baskets and rattan and willow ware. (See also Whalebone and rattan.)	35	1,207,809	281,798	26,350	144,800	110,648	1,016,011	137,175	932	350,862
10	Belting and hose, leather	21	797,406	90,297	3,500	6,500	80,297	707,109	48,391	250	169,510
11	Belting and hose, rubber	3	1,275,320	353,942	90,500	81,708	181,734	921,378	62,753	412	232,780
12	Bicycle and tricycle repairing	19	29,020	19,505	1,100	4,650	13,755	9,515	3,857	56	31,360
13	Bicycles and tricycles	7	1,202,691	531,357	12,500	203,471	315,386	671,334	130,110	843	514,180
14	Billiard tables and materials	8	123,600	46,000	20,000	15,000	11,000	77,600	13,940	68	55,372
15	Blacking. (See also Cleansing and polishing preparations.)	27	362,559	81,403	965	425	80,013	281,147	69,054	194	103,218
16	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	1,379	2,150,568	1,195,009	380,991	382,094	431,924	955,499	215,066	3,257	2,088,704
17	Bluing	3	64,800	19,900	5,000	4,000	10,900	44,900	4,830	30	18,379
18	Bookbinding and blank-book making. (See also Printing and publishing.)	85	1,307,743	437,718	11,500	17,500	408,718	870,025	187,786	1,829	819,542
19	Boot and shoe cut stock	288	4,774,754	604,949	67,995	136,625	400,329	4,169,805	368,541	4,644	2,026,813
20	Boot and shoe findings	103	1,187,643	398,752	35,665	79,975	283,112	788,891	121,081	1,552	517,379
21	Boot and shoe nppers	27	205,497	34,805	1,700	3,900	29,205	170,692	20,290	325	154,732
22	Boots and shoes, custom work and repairing.	1,380	393,202	213,688	29,501	45,383	138,714	179,604	165,518	2,144	1,067,366
23	Boots and shoes, factory product	1,057	44,567,702	8,968,532	796,976	2,515,518	5,656,038	35,599,170	5,568,233	69,934	34,949,698
24	Boots and shoes, rubber	5	8,878,775	1,551,200	193,000	734,700	623,500	7,327,575	452,250	4,979	2,131,534
25	Bottling. (See also Liquors, malt; Mineral and soda waters.)	77	703,953	287,103	30,721	68,150	188,232	416,850	144,594	669	406,132
26	Boxes, cigar	7	45,547	16,079			16,079	29,468	6,948	107	48,973

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MARYLAND—Continued.

BY COUNTIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
8,695	$6,855,782	551	$229,636	52,404	$23,547,944	14,564	$3,223,922	3,397	$332,789	14,857	$5,501,876	11,868	$1,785,626	718	$49,257	$92,059,390	$171,842,593	1
192	134,324	11	4,127	1,069	400,347	62	14,943	42	4,292	249	149,121	50	12,678	42	5,406	1,414,497	2,746,588	2
35	38,600	.....	.....	291	124,234	12	390	.....	.....	54	10,101	35	759	12	65	539,703	1,097,025	3
242	181,616	2	600	2,745	1,043,695	1,155	278,749	598	79,571	228	31,036	92	9,455	32	936	7,323,404	11,510,097	4
6,763	5,809,456	493	209,898	39,975	20,099,021	10,472	2,708,911	1,515	202,025	13651	5,169,374	10558	1,085,414	318	30,755	73,770,001	141,723,599	5
6	2,106	.....	.....	43	18,680	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,743	61,072	6
25	8,618	.....	.....	152	19,336	483	13,100	232	3,210	22	1,144	200	4,631	10	50	250,211	383,127	7
160	59,417	.....	.....	446	128,738	32	2,805	37	1,145	45	11,471	12	312	53	1,071	720,853	1,118,841	8
78	60,289	1	150	1,127	476,863	100	13,615	23	2,110	22	6,318	14	2,530	.....	.....	1,230,942	2,275,876	9
10	3,482	.....	.....	31	5,049	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,676	27,910	10
42	16,717	.....	.....	262	56,216	40	700	36	660	19	3,085	249	11,965	10	390	259,608	427,328	11
364	193,516	34	13,039	799	220,635	68	9,402	41	3,001	215	53,429	207	28,267	70	6,053	1,598,115	2,514,292	12
58	20,967	.....	.....	283	67,689	4	811	5	464	2	900	.....	.....	.....	.....	223,655	411,572	13
128	39,862	.....	.....	2,450	151,424	1,249	46,043	484	11,131	55	2,266	86	1,903	41	448	909,294	1,348,194	14
35	26,082	.....	.....	337	100,757	354	92,500	104	9,020	15	4,125	.....	.....	.....	.....	717,582	1,091,010	15
39	19,690	.....	.....	130	39,822	.....	.....	2	402	12	1,900	.....	.....	2	200	186,085	332,836	16
43	16,743	.....	.....	80	28,684	.....	.....	.....	.....	8	2,700	.....	.....	3	450	225,010	334,087	17
13	9,931	.....	.....	153	28,984	139	7,841	86	2,611	.....	.....	20	960	.....	.....	192,898	326,107	18
40	16,792	.....	.....	69	18,461	1	125	.....	.....	.....	.....	.....	.....	.....	.....	135,782	206,652	19
11	3,844	.....	.....	46	7,791	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,470	48,669	20
25	10,904	1	50	159	37,504	80	1,560	2	114	1	200	.....	.....	.....	.....	64,085	169,696	21
33	15,937	.....	.....	183	34,253	75	3,000	52	950	.....	.....	.....	.....	.....	.....	188,531	302,227	22
265	134,026	9	1,772	903	309,429	150	23,831	23	2,476	155	40,191	192	20,612	41	2,210	1,469,705	2,512,899	23
36	15,120	.....	.....	354	58,765	82	5,336	93	7,887	57	3,930	121	2,625	67	519	297,094	473,608	24
52	17,803	.....	.....	317	71,567	6	260	22	1,720	47	9,685	32	3,515	17	704	284,446	489,281	25

MASSACHUSETTS.

BY SPECIFIED INDUSTRIES.

32,475	31,343,429	5,437	2,482,743	250,871	135,516,487	88,382	26,419,831	7,757	1,323,199	54,280	28,210,055	45,070	14,227,649	910	147,116	473,199,434	888,160,403	1
52	66,203	.....	.....	448	219,899	.....	.....	2	182	285	162,583	.....	.....	.....	.....	664,235	1,470,085	2
8	4,132	.....	.....	1	500	17	4,925	2	325	.....	.....	.....	.....	.....	.....	17,668	45,865	3
5	3,390	.....	.....	2	1,350	.....	.....	.....	.....	3	425	.....	.....	.....	.....	2,353	15,550	4
7	8,430	.....	.....	7	5,654	.....	.....	.....	.....	80	24,034	.....	.....	.....	.....	32,949	98,008	5
72	54,049	3	1,196	198	141,006	67	22,093	.....	.....	4	2,079	5	1,236	.....	.....	363,104	727,707	6
7	6,840	1	364	13	7,745	17	3,195	.....	.....	5	1,043	.....	.....	.....	.....	114,021	157,144	7
21	22,484	2	616	58	33,675	17	4,684	.....	.....	.....	.....	10	4,200	4	1,000	572,517	732,387	8
40	25,397	4	1,602	285	156,022	38	10,697	10	2,600	342	117,001	199	35,425	14	2,028	583,508	1,327,654	9
48	56,810	2	710	186	107,993	12	3,811	1	156	1	30	.....	.....	.....	.....	1,113,070	1,473,035	10
10	19,961	1	400	400	212,237	1	182	.....	.....	.....	.....	.....	.....	.....	.....	689,291	1,182,195	11
17	11,590	1	100	38	19,670	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,040	51,850	12
39	42,670	.....	.....	780	412,722	1	225	.....	.....	23	58,563	.....	.....	.....	.....	247,014	998,342	13
10	13,180	.....	.....	55	39,198	.....	.....	.....	.....	3	2,994	.....	.....	.....	.....	83,275	225,108	14
35	34,144	5	2,676	55	36,942	52	14,170	.....	.....	6	5,460	40	9,706	1	120	437,436	785,423	15
1,152	792,137	4	1,432	2,085	1,291,370	.....	.....	3	552	13	3,213	.....	.....	.....	.....	1,072,349	4,206,829	16
9	10,850	1	500	13	5,229	7	1,800	.....	.....	.....	.....	.....	.....	.....	.....	36,811	97,000	17
112	114,881	8	3,628	622	342,678	553	169,797	15	2,396	102	73,390	416	112,836	1	156	602,846	1,849,572	18
400	350,807	36	14,160	2,114	1,058,391	421	119,237	44	7,921	629	244,932	969	225,584	31	5,781	12,338,630	15,923,650	19
135	114,759	6	2,885	505	230,305	411	61,808	23	3,729	116	50,281	335	51,314	21	2,298	1,525,165	2,521,036	20
33	27,635	2	950	60	39,978	47	16,054	2	520	9	3,022	172	65,073	.....	.....	580,969	819,208	21
1,240	643,116	7	2,049	644	319,634	17	5,473	5	756	226	95,128	5	1,210	.....	.....	527,820	1,936,253	22
2,192	2,404,844	368	164,955	18,065	10,595,047	5,024	1,864,817	623	105,189	29752	14683,547	13553	5,070,913	357	60,386	63,928,182	116,387,900	23
36	36,532	11	5,500	1,666	807,427	496	158,357	30	7,500	698	365,117	2,042	751,101	.....	.....	6,400,882	9,792,024	24
112	93,862	4	2,886	551	309,155	.....	.....	1	154	.....	.....	1	75	.....	.....	1,492,354	2,485,879	25
14	10,022	3	1,000	46	23,900	35	11,484	.....	.....	.....	.....	9	2,567	.....	.....	65,826	137,720	26

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MASSACHUSETTS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.	Miscellaneous expenses.	Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
27	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	94	$1,137,511	$467,909	$55,880	$93,350	$318,679	$669,602	$125,023	2,710	$962,901
28	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	91	1,114,614	503,597	97,245	156,400	249,952	611,017	79,765	1,354	647,432
29	Brass	3	43,862	15,285	2,900	1,600	10,785	28,577	1,495	22	14,926
30	Brass and copper, rolled	3	983,589	370,002	85,000	145,002	140,000	613,587	55,199	350	200,655
31	Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	51	1,172,565	479,361	67,500	125,465	286,396	693,204	103,027	896	584,348
32	Brassware	8	61,110	32,950	.....	.....	32,950	28,160	4,829	33	19,494
33	Bread and other bakery products	703	2,775,676	1,578,248	434,907	519,364	623,977	1,197,428	548,753	4,479	2,471,186
34	Brick and tile. (See also Clay and pottery products.)	110	3,014,277	1,657,986	720,390	498,071	439,525	1,356,291	156,191	3,261	1,090,450
35	Bridges	10	137,550	54,300	.....	.....	54,300	83,250	10,128	202	145,988
36	Brooms and brushes	50	1,078,217	270,382	56,550	115,150	98,682	807,835	87,416	905	374,281
37	Buttons	16	779,135	289,072	31,417	78,385	179,270	490,063	83,130	911	360,649
38	Carpentering	2,050	9,299,845	1,953,162	466,208	525,919	961,035	7,346,683	1,236,933	17,092	12,088,985
39	Carpets and rugs, other than rag. (See also Woolen goods.)	7	8,676,924	3,589,730	596,000	1,283,100	1,710,630	5,087,194	367,164	5,144	1,892,672
40	Carpets, rag	3	215	135	.....	.....	135	80	68	3	800
41	Carriage and wagon materials	49	619,497	291,853	42,000	135,000	114,853	327,644	45,771	499	314,223
42	Carriages and sleds, children's	7	449,837	123,525	31,300	73,850	18,375	326,312	39,679	362	181,935
43	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	430	5,495,873	1,950,355	572,858	888,901	488,596	3,545,518	370,769	4,641	2,969,541
44	Cars and general shop construction and repairs by steam railroad companies.	14	1,988,676	1,314,686	239,200	518,900	556,586	673,990	.....	2,289	1,298,228
45	Cars and general shop construction and repairs by street railroad companies.	3	254,381	177,125	52,900	59,150	65,075	77,256	4,294	330	213,821
46	Cars, steam railroad, not including operations of railroad companies.	3	843,331	412,800	110,500	233,300	69,000	430,531	29,169	418	227,072
47	Cars, street railroad, not including operations of railroad companies.	3	107,142	11,277	.....	.....	11,277	95,865	13,983	93	56,883
48	Cheese and butter, urban dairy product.	8	148,132	80,483	13,392	31,599	35,492	67,649	15,444	66	44,090
49	Cheese, butter, and condensed milk, factory product.	29	118,781	88,074	8,801	44,207	35,566	30,707	10,951	91	51,754
50	Chemicals. (See also Fertilizers; Gunpowder; Paints; Varnish.)	38	1,572,643	554,985	90,509	260,158	204,318	1,017,658	336,506	624	301,823
51	China, decorating	5	3,485	1,935	.....	.....	1,935	1,550	2,648	15	6,551
52	Clay and pottery products. (See also Brick and tile.)	29	811,541	414,740	68,200	177,800	168,740	396,801	42,489	510	274,987
53	Cleansing and polishing preparations. (See also Blacking.)	12	114,054	44,010	15,300	20,500	8,210	70,044	14,488	107	56,263
54	Clocks	4	891,038	328,222	29,000	80,000	219,222	562,816	44,293	398	280,598
55	Cloth, sponging and refinishing	5	5,885	4,985	.....	.....	4,985	900	5,972	42	22,060
56	Clothing, men's, custom work and repairing.	1,035	3,018,610	433,827	65,300	133,875	234,652	2,584,783	1,106,589	5,872	3,267,873
57	Clothing, men's, factory product	221	11,254,626	268,287	33,300	78,950	156,037	10,986,339	2,521,163	8,196	3,733,499
58	Clothing, men's, factory product, buttonholes.	11	6,140	4,855	.....	.....	4,855	1,285	2,567	50	21,304
59	Clothing, women's, dressmaking	2,569	1,006,832	321,243	28,447	39,360	253,436	685,589	432,512	8,752	3,011,934
60	Clothing, women's, factory product	44	592,161	67,536	.....	.....	67,536	524,625	112,078	1,478	553,551
61	Coffee and spice, roasting and grinding	23	1,403,154	158,300	5,000	11,000	142,300	1,244,854	107,344	254	174,076
62	Coffins and burial cases, trimming and finishing.	87	365,768	111,037	32,500	33,500	45,037	254,731	33,830	256	154,049
63	Coffins, burial cases, and undertakers' goods.	14	417,509	158,825	16,900	96,300	45,625	258,684	19,558	357	207,838
64	Combs	18	324,218	131,337	19,075	45,747	66,515	192,881	40,803	401	196,650
65	Confectionery	218	1,560,049	622,479	129,963	80,683	411,833	937,570	278,433	2,413	1,021,957
66	Cooperage	81	614,857	240,723	101,338	71,100	68,285	374,134	33,395	604	328,021
67	Cordage and twine	32	8,168,593	3,940,175	440,058	1,737,091	1,763,026	4,228,418	372,447	3,436	1,230,289
68	Cork, cutting	6	52,400	14,063	.....	.....	14,063	38,337	4,853	69	29,005
69	Corsets	16	349,349	60,074	.....	.....	60,074	289,275	101,914	911	315,632
70	Cotton goods. (See also Hosiery and knit goods.)	187	128,838,837	80,892,202	9,021,576	24,630,506	47,240,120	47,946,635	6,675,285	76,213	26,230,667
71	Cotton waste	4	270,310	152,329	26,000	80,171	46,158	117,981	23,323	111	60,194
72	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	82	2,424,669	1,306,834	222,460	486,628	597,746	1,117,835	166,877	1,784	909,008
73	Dentistry, mechanical	387	294,648	152,128	12,600	17,049	121,879	142,520	76,705	511	327,680
74	Dentists' materials	3	73,850	12,500	.....	.....	12,500	61,350	8,250	38	28,440
75	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	392	369,058	103,715	20,247	27,394	56,074	265,343	95,060	680	227,849
76	Dyeing and cleaning	73	270,143	180,788	27,200	50,200	103,388	89,355	112,711	665	310,307

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MASSACHUSETTS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecewerkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
105	$103,439	13	$5,550	507	$269,548	461	$144,469	33	$5,624	180	$53,065	1,390	$378,081	21	$3,125	$1,227,769	$2,726,734	27
83	70,857	4	2,368	1,006	476,733	62	18,846	10	2,114	92	47,149	97	29,365	.....	.....	1,252,767	2,339,648	28
3	3,164	.....	.....	19	11,762	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83,866	110,000	29
12	24,640	.....	.....	285	152,612	.....	.....	.....	.....	53	23,403	.....	.....	.....	.....	877,070	1,318,568	30
85	99,289	5	2,685	800	477,715	.....	.....	.....	.....	6	4,659	.....	.....	.....	.....	696,298	1,646,425	31
6	4,049	1	364	18	12,450	2	1,071	.....	.....	.....	.....	6	1,560	.....	.....	34,820	96,703	32
790	600,447	415	142,626	2,711	1,559,635	384	123,686	36	7,383	25	3,633	118	33,776	.....	.....	5,923,736	10,755,915	33
129	91,027	3	1,195	3,021	963,939	3	630	.....	.....	105	33,659	.....	.....	.....	.....	598,587	2,314,406	34
12	9,292	.....	.....	190	136,696	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	214,345	447,000	35
75	56,382	12	5,870	287	135,822	220	48,120	3	356	189	98,220	119	29,511	.....	.....	841,645	1,588,506	36
30	50,158	4	2,232	215	114,727	473	132,355	25	4,835	35	22,343	122	33,254	7	745	458,775	1,071,687	37
2,008	1,794,714	16	6,364	15,008	10,256,834	1	468	1	150	58	30,455	.....	.....	.....	.....	16,915,443	34,336,615	38
35	75,983	.....	.....	2,256	1,024,400	2,264	598,761	137	29,061	38	21,049	414	142,818	.....	.....	4,731,873	7,275,009	39
1	300	2	500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	715	1,681	40
65	60,430	2	468	340	204,868	17	3,880	.....	.....	72	43,977	3	600	.....	.....	347,796	827,490	41
17	19,500	2	936	296	146,875	39	11,624	.....	.....	8	3,000	.....	.....	.....	.....	287,261	622,500	42
499	463,192	11	3,595	3,398	2,087,922	29	9,828	2	600	692	402,634	10	1,770	.....	.....	3,163,947	7,607,869	43
25	18,711	.....	.....	2,264	1,279,517	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,390,705	2,712,763	44
4	2,500	.....	.....	326	211,321	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	206,478	472,582	45
12	25,040	.....	.....	282	148,227	.....	.....	.....	.....	124	53,805	.....	.....	.....	.....	483,919	810,583	46
5	4,300	.....	.....	88	52,583	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61,761	143,936	47
9	8,900	1	525	54	33,842	2	832	.....	.....	.....	.....	.....	.....	.....	.....	688,175	759,546	48
6	3,112	1	520	80	46,538	2	420	.....	.....	2	1,164	.....	.....	.....	.....	484,798	576,742	49
86	118,014	11	4,060	424	231,007	73	22,077	.....	.....	11	8,818	19	7,847	.....	.....	1,009,898	2,044,623	50
3	2,080	3	1,210	5	2,310	4	951	.....	.....	.....	.....	.....	.....	.....	.....	33,156	44,675	51
43	43,540	3	1,540	364	193,007	43	10,985	7	950	47	24,250	3	715	.....	.....	114,355	505,354	52
22	17,694	.....	.....	43	27,312	40	11,057	.....	.....	2	200	.....	.....	.....	.....	150,169	388,239	53
11	14,058	1	500	259	201,211	60	29,673	.....	.....	66	34,834	1	320	.....	.....	99,941	552,383	54
6	4,004	.....	.....	36	18,056	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,139	38,850	55
1,034	830,721	20	8,709	1,568	1,008,547	1,267	444,831	38	6,216	882	609,688	1,052	356,009	11	3,152	2,979,054	8,501,602	56
863	832,302	50	26,317	1,597	1,070,830	1,704	583,462	2	415	802	456,971	3,178	763,202	.....	.....	11,865,905	21,242,647	57
6	4,472	1	416	15	6,781	5	1,436	.....	.....	9	3,418	14	4,781	.....	.....	3,265	31,625	58
86	63,341	2,270	1,046,773	67	46,393	5,999	1,773,154	19	2,285	17	4,818	294	75,179	.....	.....	2,088,442	6,517,041	59
110	88,442	43	28,992	94	46,890	513	182,685	2	256	68	22,620	644	182,266	4	1,400	924,463	1,863,517	60
52	58,037	2	968	164	102,433	33	11,772	1	416	1	300	1	150	.....	.....	3,020,332	3,568,259	61
92	60,916	7	3,672	150	87,360	5	1,776	.....	.....	1	250	1	75	.....	.....	307,513	640,019	62
34	32,522	1	200	251	149,800	45	14,544	.....	.....	6	4,362	20	6,410	.....	.....	233,454	519,816	63
39	33,795	.....	.....	284	134,918	44	13,433	4	680	28	13,395	1	234	1	195	181,004	470,077	64
310	254,676	109	38,615	875	441,415	983	232,686	10	1,047	38	24,358	88	29,160	.....	.....	3,164,741	5,291,844	65
71	64,585	1	250	336	178,384	.....	.....	.....	.....	196	84,822	.....	.....	.....	.....	540,779	986,458	66
82	130,581	3	1,780	1,818	738,070	1,428	341,028	102	17,310	3	1,500	.....	.....	.....	.....	7,688,142	10,510,530	67
9	7,976	.....	.....	37	15,683	23	5,346	.....	.....	.....	.....	.....	.....	.....	.....	58,887	127,450	68
21	29,095	12	9,218	58	39,379	351	94,240	.....	.....	75	31,000	390	111,800	4	900	474,256	1,006,336	69
629	1,093,915	40	18,387	32,172	12,867,367	34,408	10,033,081	3,954	655,654	929	345,601	3,944	1,199,736	137	16,926	56,586,283	100,202,882	70
13	19,740	.....	.....	65	32,750	33	7,704	.....	.....	.....	.....	.....	.....	.....	.....	880,205	990,723	71
139	114,321	2	884	822	449,196	40	12,040	.....	.....	780	332,067	1	500	.....	.....	527,766	1,837,825	72
384	269,702	1	364	109	53,629	10	2,683	2	302	5	1,000	.....	.....	.....	.....	126,605	643,160	73
14	14,296	.....	.....	21	12,896	3	1,248	.....	.....	.....	.....	.....	.....	.....	.....	36,663	86,600	74
396	141,103	5	1,156	260	80,537	15	4,610	1	58	3	385	.....	.....	.....	.....	353,654	934,132	75
62	50,959	44	17,875	227	121,693	165	46,136	3	766	78	42,644	96	30,294	.....	.....	205,696	736,459	76

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY MASSACHUSETTS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
		Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.	Average number.	Total wages.
Dyeing and finishing textiles	33	$11,996,154	$5,187,513	$673,931	$2,010,687	$2,502,895	$6,808,641	$869,669	4,352	$1,909,107
Dye stuffs and extracts	11	1,057,718	337,800	91,000	123,000	123,800	719,918	90,917	258	167,199
Electrical apparatus and supplies	26	5,582,175	821,406	61,500	280,000	479,006	4,760,769	338,810	2,700	1,453,296
Electroplating	44	178,427	82,705	200	800	81,705	95,722	21,615	237	159,535
Emery wheels	6	418,002	68,239	9,300	14,679	44,260	349,763	59,984	152	95,569
Enameled goods	5	9,015	1,640	----	----	1,640	7,375	1,071	39	17,627
Engraving and diesinking	55	68,834	42,534	500	2,000	40,034	26,300	16,414	141	98,509
Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	24	164,767	58,278	----	----	58,278	106,489	36,256	277	171,450
Engraving, wood	36	74,302	20,565	----	----	20,565	53,737	15,911	184	130,296
Envelopes	11	1,326,866	401,469	1,500	3,500	396,469	925,397	176,996	1,264	488,085
Fancy articles, not elsewhere specified	29	492,699	95,749	----	----	95,749	396,950	39,860	553	217,174
Felt goods. (See also Woolen goods.)	7	731,976	303,073	62,660	142,625	97,788	428,903	29,386	340	140,528
Fertilizers. (See also Chemicals.)	16	1,720,605	165,000	18,500	66,350	80,150	1,555,605	54,910	381	204,427
Files. (See also Cutlery and edge tools.)	23	102,617	66,137	18,562	26,510	21,065	36,480	11,569	158	84,803
Firearms	13	1,530,539	847,096	121,150	170,000	555,946	683,443	66,158	1,134	682,030
Fireworks	4	73,691	48,800	15,000	26,000	7,800	24,891	6,266	57	20,525
Fish, canning and preserving. (See also Food preparations.)	29	741,301	122,830	34,575	60,500	27,755	618,471	36,917	632	262,112
Flags and banners. (See also Regalia and society banners and emblems.)	4	16,240	540	----	----	540	15,700	1,464	14	8,674
Flavoring extracts	21	120,042	33,104	11,400	6,800	14,904	86,938	26,260	77	49,489
Flouring and grist mill products	238	2,908,303	1,290,336	354,821	495,922	439,593	1,617,967	169,674	770	386,153
Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving.)	29	860,303	396,152	150,200	138,950	107,002	464,151	75,321	499	218,327
Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	711	36,621,187	15,315,793	2,682,633	4,419,041	8,214,119	21,305,394	3,040,866	25,027	15,492,917
Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	10	182,924	51,658	2,500	13,150	36,008	131,266	28,106	303	65,202
Fur goods. (See also Hats and caps, not including wool hats.)	32	382,032	20,016	----	----	20,016	362,016	56,140	348	212,519
Furnishing goods, men's. (See also Shirts.)	38	1,392,613	532,169	69,815	169,547	292,807	800,444	104,536	1,470	551,110
Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	397	821,294	190,012	27,560	45,000	117,452	631,282	137,058	1,402	884,985
Furniture, chairs	45	5,386,373	1,112,675	213,164	478,645	420,866	4,273,698	379,775	3,252	1,576,390
Furniture, factory product	136	3,457,794	1,133,700	297,150	450,164	386,386	2,324,094	341,571	3,679	2,266,725
Gas and lamp fixtures. (See also Lamps and reflectors.)	8	513,050	149,600	27,500	45,000	77,100	363,450	80,769	411	238,245
Gas, illuminating and heating	72	26,003,751	23,774,015	3,693,827	5,132,376	14,947,812	2,289,736	848,895	1,423	1,062,382
Gas machines and meters	5	170,256	70,850	7,600	30,400	32,850	99,406	16,802	119	92,056
Gas stoves	3	266,711	132,407	5,291	68,562	58,554	134,304	28,269	183	98,327
Glass	6	365,051	185,000	33,000	99,000	53,000	180,051	35,760	514	219,427
Glass, cutting, staining, and ornamenting.	25	231,013	52,096	10,500	10,000	31,596	178,917	26,909	273	195,933
Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	7	19,300	5,000	----	----	5,000	14,300	3,392	58	28,894
Glue	11	735,884	332,500	126,350	106,600	99,550	403,384	61,246	355	157,128
Gold and silver, leaf and foil	6	35,525	11,700	2,000	3,500	6,200	23,825	3,794	88	48,677
Grease and tallow. (See also Soap and candles.)	47	1,227,578	814,779	301,680	414,064	99,035	412,799	66,022	385	230,788
Hairwork	50	80,727	13,667	150	2,060	11,517	67,060	33,264	136	55,206
Hand stamps	23	64,732	33,508	----	----	33,508	31,224	10,992	85	55,116
Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	37	956,288	393,958	44,688	66,312	282,958	562,330	69,641	787	423,948
Hardware, saddlery	6	44,882	14,010	----	----	14,010	30,872	5,638	61	35,910
Hat and cap materials	3	31,752	26,489	1,000	560	24,989	5,263	5,089	15	8,390
Hats and caps, not including wool hats. (See also Fur goods.)	54	1,052,362	375,871	17,750	87,666	270,555	676,491	171,595	2,437	962,229
Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	74	4,497,940	1,779,119	147,730	474,782	1,156,607	2,718,821	315,786	4,675	1,495,260
House furnishing goods, not elsewhere specified.	15	265,588	94,114	8,400	30,300	55,414	171,474	65,710	163	83,712
Ink, writing	7	258,115	146,265	36,900	88,600	20,765	111,850	7,644	152	109,382
Instruments, professional and scientific	23	289,187	136,254	21,800	42,200	72,254	152,933	15,196	201	142,081
Iron and steel	13	4,337,118	2,194,077	476,665	313,462	1,403,950	2,143,041	169,045	1,604	788,065
Iron and steel, bolts, nuts, washers, and rivets.	9	848,821	492,771	86,732	56,800	349,239	356,050	54,042	387	226,151

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MASSACHUSETTS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
78	$97,624	4	$1,696	3,520	$1,606,565	512	$145,122	204	$44,891	7	$2,750	27	$10,459	.....	.....	$2,801,364	$6,496,215	77
22	29,946	2	850	232	135,675	2	728	.....	.....	.....	.....	.....	.....	.....	.....	1,623,643	2,055,256	78
110	154,353	9	4,420	1,648	826,284	80	17,980	.....	.....	552	330,257	301	120,002	.....	.....	2,488,390	5,762,599	79
59	56,475	1	500	169	99,881	4	1,180	2	271	2	1,228	.....	.....	.....	.....	82,095	318,715	80
18	23,236	2	768	132	71,585	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	87,562	413,412	81
3	3,150	.....	.....	6	4,142	30	10,335	.....	.....	.....	.....	.....	.....	.....	.....	3,344	32,279	82
54	48,100	1	200	71	45,078	10	2,475	1	156	4	2,500	.....	.....	.....	.....	16,967	167,124	83
33	49,547	7	2,912	94	63,325	101	23,671	4	700	36	30,745	2	550	.....	.....	122,010	390,821	84
39	37,442	.....	.....	134	87,786	2	1,500	.....	.....	9	3,568	.....	.....	.....	.....	28,569	225,117	85
55	95,561	6	2,385	235	127,869	354	97,097	16	3,936	3	1,850	595	159,387	.....	.....	1,177,447	2,413,679	86
32	32,408	17	7,188	201	94,220	192	54,255	13	2,679	21	4,224	77	22,200	.....	.....	295,796	641,431	87
14	19,845	.....	.....	284	111,486	34	7,591	8	1,606	.....	.....	.....	.....	.....	.....	637,928	918,890	88
29	36,576	.....	.....	351	167,676	1	175	.....	.....	.....	.....	.....	.....	.....	.....	1,119,951	1,910,926	89
21	15,349	3	1,144	93	50,438	2	905	1	187	38	16,780	.....	.....	.....	.....	26,310	147,442	90
35	39,050	.....	.....	1,038	606,531	3	1,248	7	1,180	51	34,021	.....	.....	.....	.....	208,716	1,250,302	91
.....	.....	.....	.....	28	14,389	17	4,168	12	1,968	.....	.....	.....	.....	.....	.....	22,555	64,750	92
26	24,744	3	1,050	169	86,944	109	20,904	.....	.....	279	117,306	46	11,164	.....	.....	2,031,863	2,537,088	93
2	1,800	.....	.....	9	5,886	3	988	.....	.....	.....	.....	.....	.....	.....	.....	12,721	31,940	94
28	23,962	3	941	31	16,715	9	2,457	.....	.....	5	5,283	1	131	.....	.....	103,985	244,149	95
237	132,106	9	3,123	512	245,906	4	1,018	.....	.....	8	4,000	.....	.....	.....	.....	5,959,480	6,906,493	96
65	75,549	5	2,912	264	99,571	135	30,744	8	1,311	16	7,340	6	900	.....	.....	702,462	1,294,704	97
1,584	1,924,541	64	34,608	21,703	12,472,976	160	51,886	15	2,822	1,474	997,659	25	8,100	2	$325	14,447,803	38,906,680	98
15	14,470	2	700	140	32,920	120	15,731	.....	.....	.....	.....	23	1,104	3	277	245,130	412,005	99
42	42,561	5	3,423	144	100,873	144	62,098	5	1,114	2	800	6	1,650	.....	.....	454,130	846,041	100
71	78,162	6	5,750	238	122,939	404	134,716	46	7,797	135	50,462	570	151,284	.....	.....	1,229,483	2,152,722	101
395	292,926	15	5,288	831	526,275	106	35,657	3	606	47	22,943	5	1,290	.....	.....	965,045	2,249,154	102
122	127,938	6	2,403	1,344	665,666	157	44,779	.....	.....	1,567	718,443	55	17,065	1	96	1,825,975	4,971,204	103
256	261,401	13	6,068	2,874	1,709,942	69	26,773	.....	.....	459	259,772	8	2,769	.....	.....	2,623,947	6,166,522	104
22	24,480	.....	.....	358	203,685	31	10,080	.....	.....	.....	.....	.....	.....	.....	.....	173,143	593,000	105
268	286,628	8	2,403	1,149	773,351	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,747,013	6,203,125	106
7	10,250	.....	.....	93	68,215	4	1,299	.....	.....	15	12,292	.....	.....	.....	.....	77,266	214,513	107
12	13,417	1	300	166	82,530	.....	.....	.....	.....	4	2,080	.....	.....	.....	.....	103,653	250,833	108
18	17,774	.....	.....	352	143,341	19	3,732	12	1,500	103	51,880	.....	.....	10	1,200	127,180	431,437	109
37	37,809	4	2,060	222	152,896	8	2,750	2	418	.....	.....	.....	.....	.....	.....	162,186	478,116	110
9	6,366	.....	.....	10	5,311	12	4,094	.....	.....	6	7,000	21	6,123	.....	.....	37,613	80,950	111
9	8,828	.....	.....	329	143,978	17	4,322	.....	.....	.....	.....	.....	.....	.....	.....	365,408	648,848	112
4	3,028	1	220	17	8,872	12	4,368	.....	.....	29	24,063	25	8,126	.....	.....	66,271	126,105	113
59	56,594	2	1,080	322	172,466	2	648	.....	.....	.....	.....	.....	.....	.....	.....	1,007,331	1,474,605	114
13	9,740	31	13,276	13	5,556	74	25,284	.....	.....	.....	.....	5	1,350	.....	.....	53,090	183,024	115
27	23,109	1	1,500	41	23,071	6	1,689	1	125	5	3,399	4	2,223	.....	.....	45,664	138,124	116
64	72,845	3	1,370	499	261,339	68	21,894	9	1,428	133	63,532	11	1,540	.....	.....	454,115	1,138,867	117
6	4,260	2	936	53	30,714	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,254	67,042	118
6	4,990	.....	.....	8	3,300	1	100	.....	.....	.....	.....	.....	.....	.....	.....	4,196	21,733	119
112	120,162	4	1,700	739	344,842	322	95,799	4	313	357	184,741	899	214,672	.....	.....	1,385,981	3,138,226	120
102	98,104	11	4,526	759	338,240	630	194,720	86	13,239	266	102,552	2,777	735,949	44	7,930	2,552,705	5,082,087	121
26	22,420	.....	.....	84	45,204	42	11,932	2	300	2	1,248	7	2,608	.....	.....	412,360	655,682	122
53	70,378	1	624	48	25,474	2	306	.....	.....	6	1,600	42	11,000	.....	.....	99,029	290,170	123
31	26,402	1	780	149	104,380	3	976	2	208	15	9,335	.....	.....	.....	.....	61,173	255,572	124
46	74,893	.....	.....	1,558	713,172	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,979,546	2,891,687	125
66	69,018	3	575	268	132,995	20	5,946	6	1,217	20	14,000	4	2,400	.....	.....	407,416	831,560	126

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MASSACHUSETTS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
127	Iron and steel, forgings	8	$501,034	$262,106	$33,300	$35,179	$193,627	$238,928	$35,108	273	$164,260
128	Iron and steel, nails and spikes, cut and wrought, including wire nails.	40	2,906,894	1,418,792	170,060	484,150	764,582	1,488,102	184,087	1,748	894,897
129	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	26	995,918	479,144	146,433	131,411	201,300	516,774	55,244	834	518,073
130	Ivory and bone work	10	55,505	25,835	3,500	11,500	10,835	29,670	14,808	146	71,651
131	Japanning	9	15,210	7,500	500	1,500	5,500	7,710	3,515	42	25,414
132	Jewelry. (See also Watch, clock, and jewelry repairing.)	106	4,276,610	1,011,891	34,700	142,036	835,155	3,264,719	405,526	3,797	2,160,956
133	Jewelry and instrument cases	6	14,625	7,650	100	800	6,750	6,975	2,315	34	23,614
134	Kaolin and other earth grinding	7	156,233	86,911	16,100	18,450	52,361	69,322	29,779	70	39,732
135	Kindling wood	11	51,851	35,000	8,000	7,950	19,050	16,851	7,575	115	45,624
136	Lamps and reflectors. (See also Gas and lamp fixtures.)	3	45,010	1,650	.....	.....	1,650	43,360	5,759	32	20,980
137	Lapidary work	3	2,750	650	.....	.....	650	2,100	752	10	5,096
138	Lard, refined. (See also Slaughtering.)	4	34,925	12,200	.....	.....	12,200	22,725	2,876	16	10,440
139	Lasts	23	501,268	200,497	41,250	48,300	110,947	300,771	33,968	335	277,537
140	Lead, bar, pipe, and sheet	3	914,054	494,144	168,344	211,800	114,000	419,910	41,484	109	82,192
141	Leather board. (See also Paper.)	5	298,653	148,763	22,500	46,607	79,656	149,890	26,416	116	60,363
142	Leather, dressed skins	3	35,500	6,500	.....	.....	6,500	29,000	4,697	57	29,306
143	Leather goods. (See also Pocketbooks; Trunks and valises.)	23	155,767	38,397	660	1,000	36,737	117,370	16,449	259	123,218
144	Leather, morocco	51	2,519,564	643,487	102,800	171,085	369,602	1,876,077	206,866	2,191	1,309,785
145	Leather, patent and enameled	5	88,900	44,600	22,300	16,500	5,800	44,300	4,595	45	23,200
146	Leather, tanned and curried	138	9,002,929	1,936,780	394,180	764,699	777,901	7,066,149	638,128	5,852	3,343,688
147	Lime and cement	6	57,915	28,850	4,600	11,600	12,650	29,065	2,296	87	40,804
148	Liquors, distilled	8	608,333	158,620	32,220	42,800	83,600	449,713	924,030	55	42,598
149	Liquors, malt. (See also Bottling.)	26	6,003,344	4,141,457	948,955	2,019,150	1,173,352	1,861,887	1,320,173	968	873,239
150	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	13	1,182,733	520,050	51,000	88,500	380,550	662,683	127,614	940	617,145
151	Lock and gun smithing	120	89,683	45,300	3,700	3,150	38,450	44,383	22,916	212	117,683
152	Looking-glass and picture frames	153	593,642	105,009	4,600	28,000	72,469	488,573	95,159	922	534,579
153	Lumber and other mill products from logs or bolts.	464	5,002,033	2,741,425	900,150	635,433	1,205,842	2,260,608	312,654	3,214	1,194,253
154	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	164	4,709,515	2,217,861	632,517	763,903	821,441	2,491,654	324,138	3,816	2,471,028
155	Marble and stone work. (See also Monuments and tombstones.)	122	1,808,464	843,044	374,250	232,365	236,429	965,420	163,098	2,217	1,453,042
156	Masonry, brick and stone. (See also Plastering and stuccowork.)	745	5,476,324	1,324,723	332,619	274,192	717,912	4,151,601	540,782	10,384	7,287,066
157	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	46	488,457	125,712	23,746	51,250	50,716	362,745	52,348	679	330,350
158	Millinery and lace goods. (See also Artificial feathers and flowers.)	22	1,311,213	563,348	16,800	226,400	320,148	747,865	72,663	2,783	1,067,811
159	Millinery, custom work	658	1,081,568	148,314	21,715	40,550	86,049	933,254	331,861	2,276	899,557
160	Mineral and soda waters. (See also Bottling.)	92	561,780	395,468	47,150	62,838	285,480	166,312	78,748	529	293,777
161	Models and patterns	76	140,838	70,526	440	3,660	66,426	70,312	23,265	290	217,194
162	Monuments and tombstones. (See also Marble and stone work.)	191	1,420,433	424,116	147,500	120,769	155,847	996,317	164,875	2,025	1,405,184
163	Mucilage and paste	14	555,129	203,837	27,200	85,000	91,637	351,292	47,793	205	86,666
164	Musical instruments and materials, not specified.	42	108,955	33,895	.....	.....	33,895	75,060	10,658	175	121,524
165	Musical instruments, organs and materials.	30	2,162,536	343,589	121,100	105,500	116,989	1,818,947	345,572	1,143	816,977
166	Musical instruments, pianos and materials.	53	3,887,004	970,668	249,882	296,245	424,541	2,916,336	304,911	3,030	2,149,534
167	Needles and pins	11	182,755	77,200	10,300	25,000	41,900	105,555	6,307	334	137,478
168	Nets and seines	8	887,829	347,388	25,673	69,633	252,082	540,441	43,628	484	167,910
169	Oil, lubricating	9	323,159	57,430	14,350	15,950	27,130	265,729	15,428	104	61,922
170	Optical goods	36	826,492	242,609	33,731	87,065	121,813	583,883	48,384	874	381,083
171	Painting and paper hanging	1,295	1,886,949	509,079	100,376	109,028	299,675	1,377,870	286,840	6,145	4,100,858
172	Paints. (See also Chemicals; Varnish.)	26	1,012,336	321,631	71,000	98,610	152,021	690,705	102,111	353	209,213
173	Paper. (See also Leather board; Pulp, wood.)	85	22,467,036	13,270,831	2,056,180	5,273,685	5,940,966	9,196,205	1,832,753	8,111	3,906,641
174	Paper goods, not elsewhere specified	17	719,348	211,452	17,450	69,500	124,502	507,896	70,871	305	170,608
175	Paper patterns	3	9,875	5,450	2,000	3,000	450	4,425	906	8	4,805
176	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	123	1,615,478	475,996	100,700	140,450	234,846	1,139,482	1,431,463	1,027	539,917

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MASSACHUSETTS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
16	$23,484	1	$500	237	$133,976	4	$1,000	.....	.....	15	$5,300	.....	.....	.....	.....	$168,381	$449,799	127
103	113,830	8	3,152	878	462,118	163	50,132	7	$1,617	288	187,584	301	$76,464	.....	.....	1,669,317	3,144,083	128
67	70,838	4	2,025	761	444,534	1	520	1	156	.....	.....	.....	.....	.....	.....	797,786	1,775,188	129
11	8,973	.....	.....	112	54,135	16	5,007	.....	.....	6	3,356	1	180	.....	.....	40,315	137,282	130
8	8,480	.....	.....	33	16,634	1	300	.....	.....	.....	.....	.....	.....	.....	.....	9,266	42,703	131
249	319,448	45	21,687	2,336	1,380,536	941	316,039	10	1,711	93	77,990	123	43,545	.....	.....	1,803,444	5,507,415	132
5	4,400	.....	.....	28	18,902	1	312	.....	.....	.....	.....	.....	.....	.....	.....	5,825	40,908	133
11	12,328	1	580	55	25,324	.....	.....	.....	.....	3	1,500	.....	.....	.....	.....	72,936	175,971	134
16	11,139	.....	.....	76	31,135	.....	.....	.....	.....	7	950	16	2,400	.....	.....	90,150	146,143	135
4	5,140	.....	.....	28	15,840	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,514	40,600	136
4	3,440	.....	.....	3	1,188	.....	.....	3	468	.....	.....	.....	.....	.....	.....	1,602	8,416	137
5	4,264	1	300	9	5,720	.....	.....	.....	.....	1	156	.....	.....	.....	.....	111,628	126,382	138
36	37,512	1	300	175	140,706	.....	.....	.....	.....	123	99,019	.....	.....	.....	.....	178,348	640,601	139
19	26,399	.....	.....	90	55,793	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	799,509	1,010,786	140
11	14,811	.....	.....	105	45,552	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122,899	300,955	141
5	4,120	.....	.....	20	12,154	19	5,350	.....	.....	13	7,682	.....	.....	.....	.....	219,069	273,000	142
42	36,657	1	500	105	51,244	82	23,056	.....	.....	21	10,061	6	1,500	2	$200	118,414	301,826	143
102	108,426	6	3,228	1,713	978,758	1	350	.....	.....	364	219,239	4	1,584	1	200	3,727,846	5,955,422	144
6	3,600	.....	.....	31	16,525	.....	.....	.....	.....	8	3,075	.....	.....	.....	.....	97,063	159,968	145
245	345,820	4	1,874	4,937	2,540,692	3	1,024	1	150	662	454,128	.....	.....	.....	.....	16,137,829	21,656,425	146
8	5,436	.....	.....	68	31,048	.....	.....	.....	.....	11	4,320	.....	.....	.....	.....	99,793	158,957	147
15	18,968	.....	.....	40	23,630	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	279,662	1,372,807	148
148	259,229	2	940	818	613,070	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,064,079	5,355,438	149
95	127,703	19	8,324	653	424,018	156	43,448	13	2,652	10	11,000	.....	.....	.....	.....	451,414	1,321,101	150
115	70,991	2	728	90	45,102	.....	.....	2	312	3	550	.....	.....	.....	.....	71,495	251,478	151
174	137,056	12	3,371	628	359,009	75	16,152	6	1,097	15	11,460	12	6,434	.....	.....	677,082	1,518,557	152
360	180,743	7	2,299	2,660	938,444	5	1,500	2	100	175	70,227	3	700	2	240	2,682,932	5,109,998	153
281	284,596	16	7,619	3,446	2,154,306	3	1,464	12	2,118	58	21,525	.....	.....	.....	.....	4,304,891	8,112,101	154
177	167,820	3	1,132	1,820	1,149,448	.....	.....	3	300	208	133,642	.....	.....	6	700	954,926	3,008,871	155
793	765,814	7	2,881	9,526	6,481,326	3	670	1	390	54	35,985	.....	.....	.....	.....	7,993,115	17,580,907	156
76	64,983	7	3,292	316	169,095	166	48,589	4	585	86	37,048	24	6,758	.....	.....	808,752	1,449,034	157
42	64,029	25	9,838	651	298,788	470	132,857	4	556	280	139,568	1,311	422,175	.....	.....	2,294,336	3,908,254	158
120	86,884	639	314,162	20	7,329	1,468	485,378	7	815	3	640	19	4,349	.....	.....	1,848,684	3,700,393	159
111	83,715	3	1,967	407	204,219	8	3,876	.....	.....	.....	.....	.....	.....	.....	.....	275,904	859,166	160
83	76,637	2	650	191	132,181	2	800	1	150	11	6,776	.....	.....	.....	.....	46,007	360,490	161
253	213,080	6	2,360	1,141	742,183	.....	.....	1	150	624	447,411	.....	.....	.....	.....	600,608	2,609,176	162
36	27,263	3	1,170	130	51,747	28	4,441	.....	.....	.....	.....	8	2,045	.....	.....	522,523	799,821	163
44	38,219	.....	.....	121	79,602	7	2,767	1	156	2	840	.....	.....	.....	.....	52,943	224,599	164
78	94,092	3	1,120	558	378,144	27	10,970	1	150	470	330,551	6	1,950	.....	.....	667,031	2,164,990	165
135	221,653	11	6,704	2,440	1,668,582	91	27,249	.....	.....	335	210,946	18	14,400	.....	.....	2,399,186	5,681,773	166
15	16,720	2	1,900	220	93,949	96	24,559	.....	.....	1	350	.....	.....	.....	.....	43,894	220,587	167
16	18,664	.....	.....	64	44,410	389	100,136	.....	.....	.....	.....	15	4,700	.....	.....	421,698	709,324	168
17	19,794	.....	.....	75	39,128	12	3,000	.....	.....	.....	.....	.....	.....	.....	.....	515,880	646,973	169
28	23,267	2	728	557	249,977	92	24,804	24	4,602	160	73,670	8	3,066	3	969	554,389	1,106,067	170
1,279	993,494	12	3,601	4,709	3,022,452	9	2,868	11	2,111	119	75,332	6	1,000	.....	.....	1,923,091	7,218,039	171
55	60,640	6	1,914	270	140,957	16	4,327	1	75	.....	.....	5	1,300	.....	.....	821,277	1,346,776	172
282	479,968	12	6,214	4,543	2,508,362	1,642	464,845	14	2,462	14	5,078	1,604	459,712	.....	.....	12,210,458	21,524,173	173
37	35,654	3	1,844	191	109,115	63	22,083	10	1,600	.....	.....	1	312	.....	.....	821,776	1,176,646	174
2	2,280	1	416	2	1,248	3	921	.....	.....	.....	.....	.....	.....	.....	.....	1,992	10,500	175
182	182,723	71	30,462	500	244,994	168	49,922	8	1,152	5	1,806	90	28,573	3	225	1,430,193	4,178,915	176

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MASSACHUSETTS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of estsblishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
177	Paving and paving materials	40	$294,541	$97,627	$8,850	$7,925	$80,852	$196,914	$33,887	549	$267,873
178	Pens, fountain and stylographic	3	2,525	725	.....	.....	725	1,800	1,130	11	6,456
179	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	14	62,359	9,145	400	1,300	7,445	53,214	73,096	77	30,216
180	Photographic materials	8	171,700	68,800	8,400	21,000	39,400	102,900	14,186	186	104,415
181	Photography	289	625,931	496,845	21,650	23,000	362,195	219,086	181,675	947	567,115
182	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	8	163,084	34,690	.....	.....	34,690	128,394	22,459	172	131,640
183	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	29	323,451	53,255	12,230	5,900	35,125	270,196	39,529	246	106,643
184	Plastering and stuccowork. (See also Masonry, brick and stone.)	139	223,831	60,940	11,275	8,250	41,415	162,891	27,646	918	688,538
185	Plated and britannia ware. (See also Silverware.)	11	1,898,345	607,023	53,300	218,814	334,909	1,291,322	433,774	1,346	762,452
186	Plumbers' supplies. (See also Brass castings and brass finishing.)	6	474,278	149,377	34,000	29,000	86,377	324,901	29,263	267	165,092
187	Plumbing and gas fitting	603	2,714,334	646,319	160,035	156,766	329,518	2,068,015	284,570	4,632	3,017,097
188	Pocketbooks. (See also Leather goods.)	5	127,123	36,700	1,150	26,200	9,350	90,423	2,743	218	79,075
189	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	404	4,674,622	2,471,144	23,788	43,978	2,403,378	2,203,478	1,020,004	4,233	2,477,967
190	Printing and publishing, music. (See also Bookbinding and blank-book making.)	19	536,561	242,818	.....	.....	242,818	293,743	98,050	157	98,612
191	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	409	7,531,827	3,562,036	128,200	216,050	3,217,786	3,969,791	3,070,184	5,996	4,144,307
192	Printing materials	5	8,567	6,550	.....	.....	6,550	2,017	2,089	13	7,993
193	Pumps, not including steam pumps	7	22,870	15,100	1,250	5,650	8,200	7,770	1,445	14	6,966
194	Refrigerators	13	188,279	55,542	12,442	17,890	25,300	132,737	16,785	143	93,671
195	Regalia and society banners and emblems. (See also Flags and banners.)	13	71,390	17,950	500	2,700	14,750	53,440	12,571	94	45,800
196	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	138	709,082	172,929	68,889	28,360	85,680	536,153	98,155	891	615,959
197	Rubber and elastic goods	50	6,836,190	2,312,441	331,500	578,243	1,402,698	4,523,749	594,527	3,739	1,700,538
198	Saddlery and harness	418	888,379	192,355	37,428	55,700	99,227	696,024	115,234	1,284	753,423
199	Sand and emery paper and cloth	4	230,094	83,156	15,834	36,815	30,507	146,938	20,857	81	35,688
200	Sausage. (See also Slaughtering.)	33	126,327	96,355	31,710	34,150	30,495	29,972	10,457	155	88,286
201	Saws	3	290,373	76,200	.....	.....	76,200	214,173	87,393	185	121,232
202	Scales and balances	6	43,778	11,013	.....	.....	11,013	32,765	5,958	46	26,038
203	Screws, machine	10	527,544	218,787	5,000	20,000	193,787	308,757	51,827	310	155,617
204	Sewing machine repairing	25	30,535	14,945	.....	.....	14,945	15,590	9,523	59	35,969
205	Sewing machine and attachments	10	2,337,907	513,799	19,310	78,700	415,789	1,824,108	763,095	1,078	753,150
206	Shipbuilding	147	1,239,998	399,755	165,135	01,355	143,265	840,243	71,604	1,188	865,928
207	Shirts. (See also Furnishing goods, men's.)	38	1,138,458	124,710	7,000	19,900	97,810	1,013,748	135,572	2,227	670,711
208	Shoddy	29	902,850	445,412	87,200	161,854	196,358	457,438	62,687	435	180,748
209	Show cases	7	20,881	2,456	.....	.....	2,456	18,425	6,758	36	26,650
210	Silk and silk goods	20	3,353,296	956,708	77,300	287,500	591,908	2,396,588	484,390	3,216	1,296,399
211	Silversmithing	5	5,210	3,800	.....	.....	3,800	1,410	1,594	13	12,258
212	Silverware. (See also Plated and britannia ware.)	3	769,491	161,600	3,000	57,000	101,609	607,891	103,251	314	191,304
213	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage.)	14	6,599,248	2,597,950	838,600	1,332,650	426,700	4,001,298	470,515	1,626	753,787
214	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage.)	10	588,487	197,313	3,350	87,100	16,863	481,174	26,867	266	209,428
215	Soap and candles. (See also Grease and tallow.)	76	1,564,595	709,631	197,450	289,425	222,756	854,904	236,202	833	445,985
216	Sporting goods	20	312,776	155,039	17,000	56,685	81,354	157,737	21,370	890	141,172
217	Springs, steel, car and carriage	6	63,709	26,628	1,800	1,700	23,128	37,081	8,495	93	42,874
218	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	6	688,269	334,598	85,000	66,164	103,434	353,671	76,094	341	165,368
219	Starch	5	415,000	250,700	22,000	31,000	203,700	159,200	5,003	57	36,672
220	Stationery goods, not elsewhere specified.	19	986,026	364,785	34,340	115,600	214,845	621,241	66,645	683	327,782
221	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	28	1,209,994	430,736	43,800	79,100	313,836	803,258	186,029	1,147	745,755

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MASSACHUSETTS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
45	$35,264	.....	.....	503	$232,559	.....	.....	.....	.....	1	$50	.....	.....	.....	.....	$262,884	$681,223	177
3	1,828	.....	.....	8	4,628	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,817	22,675	178
15	10,061	2	$780	20	7,738	39	$11,481	1	$156	.....	.....	.....	.....	.....	.....	118,154	335,444	179
24	25,100	1	350	112	64,465	49	14,500	.....	.....	.....	.....	.....	.....	.....	.....	182,598	347,750	180
259	210,101	19	9,238	380	239,441	241	95,111	3	448	19	5,868	26	$6,908	.....	.....	372,311	1,492,330	181
18	20,934	3	1,614	119	97,814	26	8,390	1	156	5	2,732	.....	.....	.....	.....	60,337	256,845	182
50	42,229	6	2,822	93	42,586	91	17,466	2	260	2	680	2	600	.....	.....	336,247	563,144	183
145	129,824	.....	.....	727	534,715	2	600	.....	.....	44	23,300	.....	.....	.....	.....	318,552	1,139,666	184
64	82,412	4	1,992	982	544,759	95	32,537	7	760	132	80,338	62	19,654	.....	.....	621,771	2,117,593	185
15	15,700	1	400	226	131,578	.....	.....	3	566	22	16,848	.....	.....	.....	.....	448,719	701,178	186
724	665,357	46	17,736	3,738	2,327,094	8	3,116	11	2,394	5	1,400	.....	.....	.....	.....	3,759,369	8,114,541	187
11	10,374	1	400	61	30,545	144	37,600	1	156	.....	.....	.....	.....	.....	.....	96,352	246,096	188
557	517,891	68	36,470	2,454	1,480,682	647	241,717	55	9,413	197	97,126	255	94,668	.....	.....	1,936,758	6,899,236	189
47	52,656	9	4,452	66	30,805	16	4,236	11	1,925	8	4,538	.....	.....	.....	.....	141,254	494,097	190
851	912,487	271	143,116	2,865	1,917,832	680	282,351	60	8,616	741	632,462	528	247,443	.....	.....	2,902,340	12,019,706	191
6	4,595	.....	.....	6	3,366	.....	.....	1	32	.....	.....	.....	.....	.....	.....	8,598	19,431	192
5	2,541	.....	.....	9	4,425	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,425	19,130	193
19	20,814	1	208	109	64,124	.....	.....	.....	.....	14	8,525	.....	.....	.....	.....	82,993	234,173	194
13	11,014	3	1,940	47	20,146	24	8,950	.....	.....	3	1,750	4	2,000	.....	.....	58,011	175,350	195
155	152,600	2	1,180	726	460,625	.....	.....	.....	.....	8	1,554	.....	.....	.....	.....	1,069,682	2,051,310	196
251	323,988	16	8,916	1,398	705,157	970	264,706	46	9,394	182	112,952	868	274,225	8	$1,200	5,311,889	8,518,612	197
378	256,953	8	2,586	720	398,346	18	6,073	6	950	150	87,315	4	1,200	.....	.....	740,189	1,900,971	198
11	7,119	.....	.....	60	25,569	10	3,000	.....	.....	.....	.....	.....	.....	.....	.....	141,019	219,472	199
41	29,568	1	468	111	57,848	.....	.....	1	150	1	252	.....	.....	.....	.....	291,306	446,070	200
10	16,950	2	1,200	163	97,082	.....	.....	.....	.....	10	6,000	.....	.....	.....	.....	170,502	415,510	201
6	3,960	.....	.....	40	22,078	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,128	66,713	202
18	20,568	.....	.....	236	110,880	.....	.....	2	70	60	24,129	.....	.....	.....	.....	118,601	401,537	203
21	14,220	3	782	34	20,551	1	416	.....	.....	.....	.....	.....	.....	.....	.....	17,117	67,181	204
55	100,036	1	780	571	382,794	194	80,340	.....	.....	255	188,160	2	1,040	.....	.....	719,804	2,495,482	205
112	96,961	.....	.....	1,009	746,557	.....	.....	.....	.....	67	22,410	.....	.....	.....	.....	890,405	2,248,647	206
55	52,290	6	3,050	121	76,446	1,108	316,335	1	156	23	10,612	913	211,822	.....	.....	1,308,001	2,423,816	207
29	28,135	.....	.....	299	121,877	98	28,809	.....	.....	1	107	8	1,820	.....	.....	1,170,868	1,614,459	208
8	6,672	.....	.....	28	19,978	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26,025	65,275	209
215	253,615	8	4,500	893	436,258	1,550	424,663	80	17,595	84	49,155	378	109,038	8	1,575	3,251,893	5,557,569	210
5	5,406	.....	.....	8	6,852	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,807	19,600	211
24	36,825	.....	.....	244	135,342	30	9,137	.....	.....	16	10,000	.....	.....	.....	.....	350,805	794,474	212
75	87,036	3	1,238	1,473	633,181	10	2,132	.....	.....	65	30,200	.....	.....	.....	.....	13,185,256	16,692,851	213
35	48,532	.....	.....	185	114,978	.....	.....	.....	.....	46	45,918	.....	.....	.....	.....	3,186,921	3,528,794	214
135	126,517	5	2,012	575	288,417	82	17,879	2	408	17	5,850	14	4,162	3	740	2,089,755	3,032,984	215
25	21,788	2	910	136	64,372	96	34,641	6	716	9	5,425	116	13,320	.....	.....	260,293	479,389	216
10	9,008	1	416	78	32,826	.....	.....	4	624	.....	.....	.....	.....	.....	.....	42,932	108,590	217
12	13,595	1	300	127	69,453	27	6,988	10	1,650	133	64,486	31	8,896	.....	.....	219,950	516,907	218
10	10,064	.....	.....	47	26,508	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	160,659	214,000	219
42	48,249	12	5,336	282	176,559	219	55,096	5	832	3	1,800	120	39,910	.....	.....	779,570	1,338,587	220
80	96,668	6	3,158	1,060	645,149	.....	.....	.....	.....	1	780	.....	.....	.....	.....	1,160,905	2,391,429	221

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY MASSACHUSETTS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
222	Steam packing	6	$112,088	$40,195	$2,000	$2,200	$35,995	$71,893	$10,103	68	$34,576
223	Stencils and brands	13	22,431	14,100	.....	.....	14,100	8,331	4,349	44	31,614
224	Stereotyping and electrotyping. (See also Type founding.)	7	132,378	67,889	.....	.....	67,889	64,489	26,974	206	139,522
225	Sugar and molasses, refining	4	1,862,275	950,475	400,000	300,000	250,475	911,800	3,758,036	245	182,085
226	Surgical appliances. (See also Artificial limbs.)	17	51,601	24,026	825	1,800	21,401	27,575	11,001	66	36,591
227	Taxidermy	6	12,415	2,200	600	600	1,000	10,215	3,192	15	10,192
228	Timber products, not manufactured at mill.	24	133,827	78,855	60,000	.....	18,855	54,972	8,437	161	35,059
229	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	406	2,127,417	803,987	174,975	216,195	412,817	1,323,430	227,086	2,397	1,472,830
230	Tobacco, cigars and cigarettes	338	1,786,599	130,941	26,502	38,825	65,614	1,655,658	437,851	2,835	1,467,485
231	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	86	2,188,223	1,031,721	132,222	228,200	671,299	1,156,502	203,701	1,301	842,868
232	Toys and games	18	485,740	161,127	13,250	63,700	84,177	324,613	51,952	528	218,068
233	Trunks and valises. (See also Leather goods.)	26	185,731	19,782	.....	5,000	14,782	165,949	46,943	221	133,701
234	Type founding. (See also Stereotyping and electrotyping.)	4	362,994	102,040	.....	.....	102,040	260,954	26,353	213	129,252
235	Typewriters and supplies	3	81,374	57,624	.....	.....	57,624	23,750	8,030	100	48,270
236	Umbrellas and canes	13	244,620	15,462	.....	.....	15,462	229,158	16,715	245	110,967
237	Upholstery materials. (See also Carpets and rugs, other than rag; Woolen goods; Worsted goods.)	4	85,900	48,100	15,000	12,000	21,100	37,800	7,715	124	41,802
238	Varnish. (See also Paints.)	17	291,162	75,013	19,990	27,058	27,965	216,149	49,324	89	65,774
239	Vinegar and cider	72	353,808	226,664	26,420	107,360	92,884	127,144	17,049	248	50,999
240	Washing machines and clothes wringers	3	9,300	4,350	75	3,000	1,275	4,950	715	10	7,260
241	Watch and clock materials	5	20,700	11,200	1,500	1,500	8,200	9,500	1,529	41	19,754
242	Watch cases	5	468,927	63,373	.....	.....	63,373	405,554	32,070	179	117,216
243	Watch, clock, and jewelry repairing. (See also Jewelry.)	475	294,574	169,831	16,726	20,950	132,155	124,743	103,082	828	545,057
244	Whalebone and rattan. (See also Baskets and rattan and willow ware.)	3	30,108	825	.....	.....	825	29,283	3,355	21	10,995
245	Whips	40	1,058,068	210,778	37,794	51,119	121,865	847,290	172,438	619	317,993
246	Window shades	29	114,686	39,725	11,800	11,500	16,425	74,961	18,921	199	111,137
247	Wire	5	4,794,861	1,566,843	182,300	567,189	817,354	3,228,018	92,315	3,897	1,979,562
248	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	53	2,048,656	776,747	54,250	212,150	510,347	1,271,909	160,327	1,373	016,629
249	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	116	1,084,310	494,448	35,710	64,160	394,578	589,862	94,293	1,063	509,040
250	Woodenware, not elsewhere specified	15	427,035	188,335	31,835	96,900	59,600	238,700	26,301	527	207,237
251	Wool hats	7	1,043,590	324,439	21,000	104,705	198,734	719,151	79,247	1,045	482,602
252	Woolen goods. (See also Carpets and rugs, other than rag; Felt goods; Gloves and mittens; Hosiery and knit goods.)	165	34,911,187	13,653,662	1,671,678	5,217,380	6,764,604	21,257,525	2,618,078	19,813	7,586,575
253	Worsted goods	33	21,204,909	8,728,179	1,007,575	2,775,173	4,945,431	12,476,730	1,491,042	12,021	4,556,997
254	All other industries (a)	89	12,053,651	5,325,978	985,741	1,657,062	2,683,175	6,727,673	978,842	5,082	2,567,028

a Embraces ammunition, 2; babbitt metal and solder, 2; bagging, flax, hemp, and jute, 1; belting and hose, linen, 1; bone, ivory, and lamp black, 1; bronze castings, 1; cardboard, 1; card cutting and designing, 1; celluloid and celluloid goods, 2; chocolate and cocoa products, 2; clothing, horse, 1; collars and cuffs, paper, 1; cordials and sirups, 1; crucibles, 2; drug grinding, 2; enameling, 1; engravers' materials, 1; fire extinguishers, chemical, 2; furs, dressed, 1; galvanizing, 2; gold and silver, reducing and refining, not from the ore, 1; graphite, 1; grindstones, 1; gunpowder, 1; hammocks, 4; hand knit goods, 1; hones and whetstones, 2; hooks and eyes, 2; horseshoes, factory product, 1; ink, printing, 1; iron and steel, doors and shutters, 1; labels and tags, 2; linen goods, 1; mantels, slate, marble,

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MASSACHUSETTS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
7	$5,375	.....	.....	65	$27,259	.....	.....	3	$700	3	$1,236	.....	.....	.....	.....	$78,515	$160,298	222
13	11,953	1	$156	29	19,105	.....	.....	.....	.....	1	400	.....	.....	.....	.....	8,127	52,277	223
12	9,740	2	1,040	162	116,994	2	$832	.....	.....	.....	.....	28	$10,916	.....	.....	60,889	284,826	224
41	66,556	.....	.....	204	115,529	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,842,736	16,875,538	225
15	12,668	.....	.....	30	17,466	18	5,114	.....	.....	2	1,248	1	95	.....	.....	36,955	118,801	226
7	5,860	.....	.....	6	3,932	.....	.....	1	175	.....	.....	1	225	.....	.....	1,502	18,444	227
8	3,762	.....	.....	105	22,511	.....	.....	.....	.....	48	8,786	.....	.....	.....	.....	36,185	101,609	228
439	356,936	18	7,820	1,780	1,035,043	45	11,674	9	1,000	104	59,041	2	416	.....	.....	1,530,176	3,884,772	229
336	260,927	16	7,415	435	246,470	252	79,096	9	1,631	1,349	725,864	437	145,932	1	$150	1,822,641	4,165,900	230
132	143,724	3	1,300	831	511,046	5	1,932	3	510	293	173,962	27	9,482	7	912	488,972	1,880,733	231
31	31,120	3	1,296	297	130,349	58	10,659	13	2,108	49	18,642	58	19,394	19	4,500	273,913	633,617	232
36	27,158	2	1,170	146	87,773	13	3,276	.....	.....	24	14,324	.....	.....	.....	.....	263,100	518,792	233
12	14,582	3	1,234	88	62,039	6	1,790	1	104	23	24,712	80	24,791	.....	.....	62,558	316,815	234
11	8,678	1	243	65	31,474	23	7,875	.....	.....	.....	.....	.....	.....	.....	.....	14,551	83,040	235
28	34,474	2	1,404	44	25,438	52	17,576	1	182	20	6,000	98	25,893	.....	.....	395,655	578,977	236
5	2,528	.....	.....	51	18,479	53	16,544	.....	.....	4	1,148	11	3,103	.....	.....	87,881	147,254	237
34	31,673	.....	.....	55	34,101	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	350,982	571,992	238
53	13,585	.....	.....	195	37,414	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	165,524	322,798	239
4	3,524	.....	.....	6	3,736	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,528	22,000	240
5	4,320	.....	.....	14	9,470	20	5,614	.....	.....	2	350	.....	.....	.....	.....	4,178	39,420	241
13	15,668	.....	.....	149	95,026	12	4,522	.....	.....	5	2,000	.....	.....	.....	.....	238,049	398,669	242
373	254,943	2	702	434	284,452	4	1,194	5	956	10	2,810	.....	.....	.....	.....	126,470	901,064	243
5	4,400	.....	.....	8	4,703	8	1,892	.....	.....	.....	.....	.....	.....	.....	.....	71,763	95,477	244
75	70,729	2	900	298	154,813	94	30,752	7	1,320	72	38,211	71	21,268	.....	.....	444,294	1,324,058	245
39	31,506	3	703	78	46,199	37	10,316	.....	.....	34	19,887	8	2,526	.....	.....	304,332	486,683	246
87	116,171	.....	.....	3,703	1,809,199	42	12,692	.....	.....	65	41,500	.....	.....	.....	.....	5,165,335	8,734,414	247
105	106,105	8	3,507	680	307,428	199	60,082	43	6,234	129	79,711	176	50,334	33	3,228	970,201	2,054,282	248
130	110,309	4	1,756	870	384,031	15	3,910	24	2,997	17	5,725	.....	.....	3	312	386,966	1,205,462	249
19	13,738	2	1,200	199	85,989	.....	.....	.....	.....	301	105,760	1	150	5	400	209,118	506,852	250
26	42,627	2	1,124	519	248,575	194	55,271	35	4,555	158	99,197	111	31,253	.....	.....	829,263	1,700,486	251
353	465,763	8	3,766	11,507	4,756,473	6,010	1,837,059	707	122,174	412	173,235	708	208,924	108	19,181	21,815,199	35,771,161	252
167	308,489	19	8,861	5,154	2,259,305	5,054	1,483,063	716	124,164	308	148,015	602	224,900	1	200	14,259,116	21,933,775	253
264	378,934	30	14,042	2,737	1,468,850	947	230,713	91	12,897	576	354,544	414	102,904	23	4,144	6,583,941	11,784,073	254

and marbleized, 1; matches, 1; mats and matting, 2; millstones, 1; mirrors, 2; oil, essential, 1; oil, illuminating, not including petroleum, refining, 1; oilcloth, enameled, 1; oilcloth, floor, 2; ordnance and ordnance stores, 1; paper hangings, 2; pens, gold, 1; petroleum, refining, 1; photographic apparatus, 1; pipes, tobacco, 2; printing, tin, 2; pulp goods, 2; pulp, wood, 2; rules, ivory and wood, 1; safes and vaults, 2; salt, 1; screws, wood, 1; smelting and refining, 2; soda water apparatus, 2; straw goods, not elsewhere specified, 1; thread, linen, 1; tobacco, chewing, smoking, and snuff, 2; watches, 2; windmills, 1.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MASSACHUSETTS—Continued.

BY COUNTIES.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	The State	26,923	$630,032,341	$274,781,845	$40,926,844	$83,906,371	$149,948,630	$355,250,496	$63,083,782	485,182	$239,670,509
2	Barnstable	93	468,485	178,560	15,063	74,791	88,706	289,925	30,964	1,237	299,977
3	Berkshire	696	24,966,288	11,424,696	1,730,539	3,934,110	5,760,047	13,541,592	1,630,620	14,789	6,257,533
4	Bristol	1,562	75,088,106	46,868,803	4,254,100	13,675,487	28,939,216	28,219,303	4,421,609	49,223	20,805,034
5	Dukes	16	47,731	37,430	2,110	4,650	30,670	10,301	2,933	30	12,201
6	Essex	4,469	88,294,499	32,730,546	4,214,072	9,619,807	18,896,667	55,563,953	8,331,171	82,878	39,740,454
7	Franklin	344	8,616,776	3,937,877	484,927	1,595,781	1,857,169	4,678,899	1,179,128	5,396	2,531,404
8	Hampden	1,609	57,066,199	28,312,945	4,138,836	9,368,198	14,805,911	28,753,254	3,829,820	34,571	16,798,801
9	Hampshire	434	14,618,708	6,395,890	702,925	2,461,011	3,231,954	8,222,818	1,236,672	10,141	4,069,735
10	Middlesex	4,725	114,210,311	46,475,608	8,732,961	14,883,211	22,859,436	67,734,703	10,749,269	86,029	39,833,252
11	Nantucket	7	51,352	42,975	950	4,600	37,425	8,377	3,381	21	5,908
12	Norfolk	918	22,315,144	8,524,740	1,012,753	2,691,437	4,820,550	13,790,404	1,592,287	19,773	10,255,045
13	Plymouth	987	17,070,939	5,741,492	801,365	1,682,105	3,258,022	11,329,447	1,654,801	18,949	10,683,561
14	Suffolk	8,303	125,366,665	50,212,520	9,994,661	12,852,635	27,365,224	75,154,145	22,205,224	94,460	57,095,302
15	Worcester	2,760	81,851,138	33,897,763	4,841,582	11,058,548	17,997,633	47,953,375	6,215,903	67,685	31,282,302

MICHIGAN.

BY SPECIFIED INDUSTRIES.

1	All industries	12,127	262,412,240	135,607,551	61,557,730	24,269,785	49,840,036	126,744,689	18,348,381	163,941	66,347,798
2	Agricultural implements	65	6,944,005	1,460,639	234,603	604,521	621,515	5,483,366	547,244	1,847	992,708
3	Artificial limbs. (See also Surgical appliances.)	3	13,650	6,500	----	----	6,500	7,150	4,025	23	12,742
4	Awnings, tents, and sails	14	73,423	16,897	4,900	8,600	3,397	56,526	7,116	101	45,069
5	Baking and yeast powders	4	63,235	21,021	3,600	4,050	13,371	42,214	6,773	51	31,427
6	Baskets and rattan and willow ware	19	178,032	80,205	17,080	25,400	37,725	97,827	14,354	264	68,597
7	Belting and hose, leather	3	56,164	14,000	----	----	14,000	42,164	6,015	34	18,364
8	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	1,026	1,198,564	762,216	264,070	295,360	202,786	436,348	75,373	1,752	881,327
9	Bookbinding and blank-book making. (See also Printing and publishing.)	23	289,895	79,581	2,200	2,000	75,381	210,314	33,511	291	114,021
10	Boot and shoe uppers	4	14,640	7,500	----	----	7,500	7,140	1,659	18	10,834
11	Boots and shoes, custom work and repairing.	511	388,251	264,886	115,025	94,420	55,441	123,365	47,081	772	339,097
12	Boots and shoes, factory product	12	972,534	151,997	1,500	3,500	146,997	820,537	89,088	1,371	582,132
13	Bottling. (See also Liquors, malt; Mineral and soda waters.)	25	149,535	103,780	25,750	48,500	29,530	45,755	17,525	81	39,991
14	Boxes, cigar	10	94,990	43,193	9,100	14,676	19,417	51,797	9,286	206	53,596
15	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	7	62,686	18,400	----	----	18,400	44,286	7,988	252	58,441
16	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	24	735,197	337,301	87,150	76,244	173,907	397,896	51,693	746	302,387
17	Brass castings and brass finishing. (See also Plumbers' supplies.)	16	884,930	380,875	29,259	110,214	241,402	504,055	81,135	770	408,194
18	Bread and other bakery products	246	1,003,759	632,901	166,800	221,050	245,051	370,858	121,592	1,209	621,747
19	Brick and tile. (See also Clay and pottery products.)	185	1,585,955	1,117,073	478,490	226,294	412,289	468,882	67,479	2,616	538,750
20	Bridges	4	440,100	186,100	16,000	44,000	126,100	254,000	6,699	283	183,555
21	Brooms and brushes	47	188,466	86,089	26,405	30,530	29,154	702,377	14,828	342	113,098
22	Carpentering	404	1,473,386	639,584	238,350	200,660	200,574	833,802	229,517	3,064	1,679,615
23	Carpets, rag	30	20,718	17,327	8,000	6,210	3,117	3,391	1,951	45	14,549
24	Carriage and wagon materials	20	500,045	217,607	23,900	63,850	129,857	282,438	19,449	437	190,126
25	Carriages and sleds, children's	7	84,306	32,218	4,000	8,232	19,986	52,088	7,441	112	52,630
26	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	407	5,311,833	1,958,616	553,380	936,147	469,089	3,353,217	263,967	3,375	1,630,511
27	Cars and general shop construction and repairs by steam railroad companies.	17	1,226,163	899,469	186,030	410,100	302,739	326,694	----	2,130	1,152,827
28	Cars, steam railroad, not including operations of railroad companies.	5	3,769,483	1,536,472	641,077	502,638	492,757	2,233,011	245,560	3,808	1,681,425
29	Cheese, butter, and condensed milk, factory product.	100	481,770	272,653	23,663	111,688	137,302	209,117	30,391	424	139,673
30	Chemicals. (See also Fertilizers; High explosives; Paints; Varnish.)	4	2,415,685	939,182	186,005	376,750	376,427	1,476,503	438,424	1,531	720,841
31	Clay and pottery products. (See also Brick and tile.)	11	364,446	184,425	35,950	45,150	103,325	180,021	22,374	208	96,620

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MASSACHUSETTS—Continued.

BY COUNTIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
32,475	$31,343,429	5,437	$2,482,743	250,871	$135,516,487	88,382	$26,419,831	7,757	$1,323,199	54,280	$28,210,055	45,070	$14,227,649	910	$147,116	$473,199,434	$888,160,403	1
80	43,371	3	916	319	130,629	186	41,596	1	100	37	13,465	611	69,900	.....	.....	598,998	1,088,369	2
723	694,733	104	48,969	7,614	3,584,296	3,129	898,605	508	84,662	1,138	548,093	1,451	379,756	122	18,419	13,634,276	24,571,379	3
1,872	1,957,322	218	100,388	27,001	12,449,514	15,551	4,788,059	1,822	305,232	1,736	909,869	1,003	292,182	20	2,468	35,914,641	70,961,495	4
14	5,953	.....	.....	13	6,048	.....	.....	.....	.....	3	200	.....	.....	.....	.....	24,541	49,844	5
5,122	4,534,877	1,044	467,242	33,345	17,825,344	11,792	3,573,929	844	156,195	19164	9,129,594	11447	4,035,413	120	17,860	79,786,151	145,958,753	6
388	326,047	19	8,216	2,952	1,445,073	649	165,598	107	13,727	1,092	529,000	178	42,133	11	1,610	3,829,128	8,474,256	7
2,159	2,271,003	345	165,208	18,720	9,959,495	7,922	2,306,779	749	133,933	1,606	985,138	3,046	973,832	24	3,413	30,841,698	60,955,391	8
587	544,973	45	16,343	5,117	2,263,220	2,152	583,228	334	58,304	487	209,582	1,378	385,989	41	8,096	8,580,377	15,364,475	9
4,881	4,638,861	1,231	501,333	44,426	22,862,636	16,934	4,724,517	1,199	211,111	7,768	3,992,966	9,294	2,867,905	186	33,923	89,250,218	157,242,721	10
4	1,020	.....	.....	17	4,888	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,148	17,921	11
1,159	1,110,956	85	31,252	10,746	6,007,522	2,675	781,750	143	24,335	3,177	1,818,734	1,763	474,357	25	6,139	20,195,675	36,866,868	12
1,156	1,178,222	158	83,113	8,984	5,114,012	1,703	671,273	183	38,026	4,781	2,805,144	1,927	779,134	57	14,637	19,951,979	36,226,604	13
11010	10,824,567	1,824	901,840	53,594	34,842,316	14,048	4,505,260	327	54,053	5,904	3,626,881	7,733	2,336,157	20	4,228	110,357,324	219,384,998	14
3,210	3,211,524	361	157,923	38,023	19,021,494	11,641	3,379,237	1,540	243,521	7,387	3,641,389	5,239	1,590,891	284	36,323	60,230,280	110,887,329	15

MICHIGAN.

BY SPECIFIED INDUSTRIES.

14,174	10,920,189	1,093	444,703	118,303	46,062,636	8,369	1,796,396	2,328	292,169	14,873	5,870,016	4,488	924,057	315	37,632	154,521,918	277,896,706	1
249	227,687	13	5,681	1,314	631,678	2	745	.....	.....	269	126,917	.....	.....	.....	.....	1,647,579	3,955,306	2
5	3,390	.....	.....	17	9,152	.....	.....	1	200	.....	.....	.....	.....	.....	.....	3,020	24,225	3
19	12,231	2	282	45	25,244	32	6,938	3	374	.....	.....	.....	.....	.....	.....	83,109	165,440	4
20	21,087	.....	.....	17	7,994	10	1,500	.....	.....	.....	.....	4	936	.....	.....	83,607	148,739	5
25	15,072	1	468	98	27,454	2	515	18	2,572	75	16,907	19	3,402	26	2,207	55,675	178,759	6
4	4,340	.....	.....	26	13,036	3	624	.....	.....	1	364	.....	.....	.....	.....	57,367	99,136	7
943	491,412	.....	.....	779	382,791	.....	.....	1	152	29	6,972	.....	.....	.....	.....	462,277	1,762,135	8
33	27,436	4	712	116	54,323	120	28,199	3	231	.....	.....	15	3,120	.....	.....	173,303	385,503	9
4	3,532	.....	.....	7	3,898	3	1,404	.....	.....	4	2,000	.....	.....	.....	.....	17,219	32,890	10
398	181,519	2	689	232	96,945	2	572	1	175	134	58,457	2	740	.....	.....	225,594	709,911	11
58	85,816	4	1,114	351	114,990	89	26,650	2	260	496	263,818	365	88,734	6	750	1,209,387	2,065,531	12
29	17,009	.....	.....	49	22,514	3	468	.....	.....	.....	.....	.....	.....	.....	.....	140,018	234,244	13
11	8,019	.....	.....	88	30,983	22	6,423	1	105	8	1,388	76	5,678	.....	.....	68,976	180,414	14
8	7,624	.....	.....	74	26,016	94	12,741	4	520	23	4,082	49	7,458	.....	.....	99,133	197,026	15
44	40,190	.....	.....	613	241,772	9	1,117	44	6,203	21	8,605	15	4,500	.....	.....	760,198	1,243,791	16
52	63,748	.....	.....	687	337,662	11	2,424	19	3,320	1	1,040	.....	.....	.....	.....	442,104	1,051,998	17
293	216,999	52	16,424	731	363,020	84	17,375	25	3,887	1	400	23	3,642	.....	.....	1,755,398	2,951,868	18
130	42,582	1	350	2,375	478,385	8	1,433	42	3,220	60	12,780	.....	.....	.....	.....	218,353	1,179,605	19
14	28,420	.....	.....	269	155,135	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	332,000	585,000	20
46	25,797	1	312	97	37,235	10	1,973	8	1,086	60	31,809	113	13,772	7	1,114	198,898	378,903	21
395	299,331	2	950	2,624	1,360,151	2	305	.....	.....	39	18,758	.....	.....	2	120	2,343,336	4,882,601	22
18	7,849	10	2,800	3	700	7	1,175	.....	.....	9	1,925	1	100	.....	.....	11,213	34,631	23
26	24,001	1	300	304	113,457	2	700	1	156	103	51,512	.....	.....	.....	.....	387,649	665,269	24
10	8,840	.....	.....	77	34,964	6	1,200	7	1,040	7	3,960	5	2,626	.....	.....	33,325	103,793	25
468	341,955	14	5,929	2,475	1,121,941	12	3,274	17	2,684	381	152,532	3	1,204	5	992	2,779,806	5,699,941	26
32	33,340	.....	.....	2,098	1,119,487	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,492,487	2,645,314	27
82	114,248	3	1,620	3,403	1,375,116	3	921	.....	.....	317	189,520	.....	.....	.....	.....	8,007,974	11,078,281	28
69	28,681	2	575	313	100,231	17	2,863	3	420	4	2,300	16	5,203	.....	.....	946,152	1,179,139	29
184	188,119	32	19,232	723	302,835	284	90,020	2	285	51	30,150	255	90,200	.....	.....	1,219,045	3,380,383	30
18	20,270	.....	.....	172	69,376	.....	.....	7	1,124	11	5,850	.....	.....	.....	.....	55,362	228,352	31

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MICHIGAN—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
32	Clothing, men's, custom work and repairing.	425	$1,580,763	$313,244	$102,400	$123,730	$87,114	$1,267,519	$229,775	2,773	$1,457,255
33	Clothing, men's, factory product	20	642,602	57,876	5,375	15,700	36,801	584,726	259,844	651	243,558
34	Clothing, women's, dressmaking	424	251,507	84,218	20,525	24,000	39,693	167,289	55,144	1,792	473,853
35	Clothing, women's, factory product	5	187,399	20,006	1,500	1,500	17,006	167,393	51,263	323	75,340
36	Coffee and spice, roasting and grinding	5	67,821	17,403	2,200	2,200	13,003	50,418	2,854	36	21,723
37	Coffins and burial cases, trimming and finishing	13	52,527	26,107	8,325	15,700	4,082	26,420	3,241	25	11,741
38	Coffins, burial cases, and undertakers' goods	11	679,770	225,440	50,600	83,005	91,835	454,330	76,845	411	220,202
39	Confectionery	60	556,532	124,057	17,700	27,600	78,757	432,475	145,450	750	289,185
40	Cooperage	181	740,908	349,199	129,802	127,498	91,899	391,709	34,633	1,250	493,665
41	Corsets	11	689,573	118,615	20,800	34,700	63,115	570,958	64,996	1,200	313,540
42	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	7	53,617	41,550	12,100	8,350	21,100	12,067	5,698	43	23,797
43	Dentistry, mechanical	87	77,937	50,675	13,050	6,250	31,375	27,262	10,824	118	63,775
44	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	12	28,880	5,625	500	1,500	3,625	23,255	4,299	26	12,303
45	Dyeing and cleaning	29	54,690	46,090	5,600	12,040	28,450	8,600	7,593	102	47,023
46	Electroplating	7	31,075	21,400	3,000	4,000	14,400	9,675	2,318	39	17,595
47	Engraving, wood	4	6,510	3,150	.....	.....	3,150	3,360	5,362	20	13,432
48	Fertilizers. (See also Chemicals.)	3	673,900	291,800	19,000	101,100	171,700	382,100	53,979	210	81,400
49	Files. (See also Cutlery and edge tools.)	4	51,745	21,300	2,500	10,000	8,800	30,445	2,094	57	29,683
50	Flavoring extracts	6	70,725	10,525	5,000	1,000	4,525	60,200	6,647	27	14,968
51	Flouring and grist mill products	544	8,472,852	6,175,179	1,115,878	1,606,482	3,452,819	2,297,673	528,927	2,425	1,093,861
52	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving; Oysters, canning and preserving.)	8	64,949	37,575	7,900	14,050	15,625	27,374	3,814	71	23,134
53	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	280	14,331,924	6,865,737	1,386,813	1,692,412	2,786,512	8,466,187	682,510	8,560	4,813,012
54	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	90	420,265	256,221	42,852	109,506	103,863	164,044	35,884	1,914	128,968
55	Fur goods. (See also Hats and caps, not including wool hats.)	8	90,085	3,990	1,000	1,000	1,990	86,095	27,558	168	65,700
56	Furnishing goods, men's. (See also Shirts.)	7	207,965	14,175	2,000	2,000	10,175	193,790	27,549	307	100,386
57	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	115	251,463	86,072	21,050	32,200	32,822	165,391	31,107	378	179,380
58	Furniture, chairs	8	703,635	275,428	66,900	140,000	68,528	428,207	56,610	990	317,455
59	Furniture, factory product	108	8,625,321	3,185,803	602,960	1,409,859	1,172,984	5,439,518	724,646	8,109	3,807,953
60	Gas, illuminating and heating	27	4,030,363	3,404,098	355,150	434,263	2,674,685	566,265	79,969	257	159,333
61	Glass, cutting, staining, and ornamenting	3	20,500	7,500	.....	.....	7,500	13,000	2,983	38	28,180
62	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	5	11,943	1,300	.....	.....	1,300	10,643	1,440	20	8,470
63	Hairwork	6	8,012	1,175	.....	.....	1,175	6,837	1,418	18	8,146
64	Hand stamps	6	7,930	4,445	.....	.....	4,445	3,485	1,045	17	5,237
65	Hats and caps, not including wool hats. (See also Fur goods.)	8	85,854	52,375	800	20,000	31,575	33,479	7,573	197	75,648
66	High explosives. (See also Ammunition.)	5	323,489	112,072	53,100	28,685	30,287	211,417	14,410	72	39,813
67	Hosiery and knit goods. (See also Gloves and mittens; Woolen goods.)	10	560,917	270,983	37,203	82,700	151,080	289,934	57,901	848	208,344
68	House furnishing goods, not elsewhere specified.	6	430,832	136,250	24,750	48,700	62,800	294,582	76,019	303	153,815
69	Instruments, professional and scientific	3	3,700	2,200	.....	.....	2,200	1,500	474	9	6,211
70	Iron and steel	19	6,696,541	2,680,818	505,342	533,528	1,581,048	4,015,723	371,163	1,509	896,117
71	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	10	171,733	61,713	10,000	16,800	34,913	110,020	11,073	175	108,697
72	Jewelry. (See also Watch, clock, and jewelry repairing.)	3	3,900	3,200	.....	.....	3,200	700	1,158	25	18,528
73	Kaolin and other earth grinding	5	394,738	285,461	83,722	124,151	77,588	109,277	16,884	168	68,075
74	Leather, tanned and curried	20	1,200,982	397,719	108,678	181,848	107,193	803,263	62,774	378	198,594
75	Lime and cement	22	296,850	172,565	81,050	51,714	39,801	124,285	13,120	170	68,973
76	Liquors, malt. (See also Bottling.)	78	3,963,163	2,744,353	666,450	935,432	1,142,471	1,218,810	737,785	839	588,109

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MICHIGAN—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
419	$330,044	3	$568	619	$352,166	434	$121,251	27	$3,901	909	$534,270	358	$114,305	4	$750	$1,480,553	$3,703,823	32
49	57,390	1	700	86	60,706	148	29,484	.....	.....	144	45,324	223	49,945	.....	.....	1,138,111	1,862,829	33
13	11,940	364	156,520	9	4,114	1,394	299,002	1	52	1	150	10	2,075	.....	.....	619,904	1,320,171	34
8	9,610	3	1,900	15	9,040	19	4,280	.....	.....	260	46,660	18	3,850	.....	.....	167,583	323,661	35
13	9,830	1	312	18	10,765	3	660	1	156	.....	.....	.....	.....	.....	.....	101,969	140,266	36
11	6,490	.....	.....	14	5,251	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,957	34,212	37
36	41,833	1	600	323	163,287	32	10,052	.....	.....	13	2,930	6	1,500	.....	.....	346,342	794,527	38
104	89,845	22	5,692	357	137,724	229	48,311	12	1,943	1	260	25	5,410	.....	.....	886,725	1,640,248	39
136	67,110	.....	.....	550	211,953	.....	.....	8	1,460	556	213,142	.....	.....	.....	.....	766,651	1,496,154	40
36	33,252	9	3,472	76	52,401	269	71,749	25	2,300	27	7,450	733	140,616	25	2,300	450,285	1,130,818	41
6	5,117	.....	.....	37	18,680	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,309	59,288	42
83	50,608	1	75	24	11,590	5	1,406	4	646	1	50	.....	.....	.....	.....	34,831	142,278	43
10	5,551	.....	.....	15	6,544	1	208	.....	.....	.....	.....	.....	.....	.....	.....	23,207	48,790	44
32	21,608	4	1,151	39	18,184	27	6,080	.....	.....	.....	.....	.....	.....	.....	.....	13,202	86,304	45
4	3,100	.....	.....	27	12,310	5	1,535	.....	.....	2	500	1	150	.....	.....	7,307	36,478	46
6	5,992	.....	.....	14	7,214	.....	.....	1	226	.....	.....	.....	.....	.....	.....	1,321	28,157	47
14	13,220	1	380	185	66,760	.....	.....	10	1,040	.....	.....	.....	.....	.....	.....	594,767	753,585	48
7	5,810	.....	.....	48	23,041	.....	.....	.....	.....	2	832	.....	.....	.....	.....	64,111	109,350	49
8	7,040	.....	.....	14	6,690	4	988	1	250	.....	.....	.....	.....	.....	.....	51,434	106,116	50
560	331,416	13	5,377	1,809	744,880	3	658	9	832	31	10,698	.....	.....	.....	.....	19,462,779	22,778,829	51
18	10,565	1	32	28	8,287	21	3,877	3	373	.....	.....	.....	.....	.....	.....	85,163	141,111	52
639	675,660	29	12,355	6,595	3,443,348	11	3,194	55	9,072	1,206	663,710	18	4,329	7	1,344	5,491,366	13,363,030	53
76	13,911	7	513	673	61,114	957	45,821	45	1,586	51	3,511	96	2,197	9	315	304,464	591,546	54
20	14,862	5	2,024	34	20,282	98	25,632	1	100	.....	.....	10	2,800	.....	.....	108,864	220,850	55
33	18,332	.....	.....	25	13,200	246	68,386	.....	.....	.....	.....	3	468	.....	.....	235,290	450,600	56
104	62,226	4	1,731	222	98,478	8	2,021	13	1,346	26	13,414	1	164	.....	.....	215,507	491,781	57
34	31,030	5	2,500	632	235,727	76	7,690	45	2,734	88	29,059	110	8,715	.....	.....	364,436	868,200	58
349	378,815	23	10,086	6,574	2,954,952	65	17,408	197	31,597	838	404,447	41	7,270	22	3,378	3,904,365	9,898,838	59
53	46,382	3	976	201	111,975	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	181,958	898,418	60
6	7,140	.....	.....	32	21,040	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,760	53,000	61
4	2,808	1	780	1	468	14	4,414	.....	.....	.....	.....	.....	.....	.....	.....	7,505	24,516	62
1	1,040	3	2,116	.....	.....	6	2,115	7	2,800	.....	.....	1	75	.....	.....	5,024	16,825	63
7	3,629	1	130	7	1,218	1	200	1	60	.....	.....	.....	.....	.....	.....	5,262	16,555	64
11	9,864	.....	.....	40	21,546	34	12,038	.....	.....	12	7,200	100	25,000	.....	.....	91,446	208,110	65
3	5,100	1	240	60	31,127	3	946	.....	.....	3	2,000	2	400	.....	.....	273,519	426,500	66
32	33,935	1	500	123	45,818	269	71,962	1	100	8	1,780	414	54,249	.....	.....	285,057	701,322	67
17	25,289	3	3,381	210	91,985	11	3,224	.....	.....	56	26,426	6	3,510	.....	.....	174,719	475,735	68
1	1,200	.....	.....	8	5,011	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,932	12,086	69
81	139,456	1	300	1,427	756,361	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,132,991	5,829,843	70
22	22,596	8	2,528	143	83,261	.....	.....	2	312	.....	.....	.....	.....	.....	.....	141,186	318,949	71
1	208	.....	.....	24	18,320	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,186	43,575	72
18	14,450	.....	.....	141	51,025	.....	.....	4	600	5	2,000	.....	.....	.....	.....	91,828	225,725	73
41	35,418	.....	.....	300	140,264	1	212	.....	.....	36	22,700	.....	.....	.....	.....	1,273,315	1,743,760	74
22	14,481	.....	.....	141	52,392	.....	.....	.....	.....	7	2,100	.....	.....	.....	.....	79,769	199,682	75
151	168,170	1	500	677	416,794	4	1,000	4	1,040	2	605	.....	.....	.....	.....	998,128	2,979,258	76

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MICHIGAN—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
77	Lock and gun emitbing	31	$46,475	$32,005	$10,450	$9,600	$11,955	$14,470	$4,491	54	$27,541
78	Looking-glass and picture frames	40	225,898	88,086	16,200	43,175	28,711	137,812	25,608	320	128,619
79	Lumber and other mill products from logs or bolts.	1,918	110,990,328	63,554,685	39,744,549	5,370,265	18,439,871	47,435,643	4,258,006	46,592	14,677,436
80	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	230	6,701,437	2,920,512	719,783	761,015	1,439,714	3,780,925	361,111	5,199	2,345,560
81	Malt. (See also Liquors, malt.)	7	399,144	196,256	28,600	146,262	21,394	202,888	23,114	98	56,169
82	Marble and stone work. (See also Monuments and tombstones.)	40	417,437	158,609	84,300	17,650	56,659	258,828	20,020	534	375,338
83	Masonry, brick and stone. (See also Plastering and stuccowork.)	165	722,059	205,080	57,325	69,950	77,805	516,979	43,465	3,031	1,729,489
84	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	19	118,920	18,403	3,000	2,600	12,803	100,517	10,206	171	69,867
85	Millinery, custom work	236	456,992	136,111	55,460	63,525	17,126	320,881	61,509	736	218,617
86	Mineral and soda waters. (See also Bottling.)	32	215,334	154,777	26,900	28,275	99,602	60,557	21,527	152	80,176
87	Models and patterns	5	63,297	30,784	8,600	11,534	10,650	32,513	1,546	90	32,706
88	Monuments and tombstones. (See also Marble and stone work.)	73	413,081	126,604	59,375	38,425	28,804	286,477	36,503	345	197,367
89	Musical instruments and materials, not specified.	4	13,307	8,452	.....	2,000	6,452	4,855	904	26	15,568
90	Musical instruments, organs and materials.	4	503,628	152,191	39,500	73,103	39,588	351,437	48,429	371	192,674
91	Musical instruments, pianos and materials.	3	182,483	20,201	700	600	18,901	162,282	16,812	217	143,670
92	Nets and seines	3	7,600	2,000	900	1,100	.....	5,600	83	9	3,451
93	Oil, essential	24	6,073	6,061	576	1,630	3,855	12	330	61	2,982
94	Optical goods	3	37,180	5,000	.....	.....	5,000	32,180	2,100	67	32,199
95	Painting and paper hanging	225	443,965	118,628	36,825	32,025	49,778	325,337	51,960	1,407	781,546
96	Paints. (See also Chemicals; Varnish.)	8	1,086,404	369,093	105,059	113,500	150,543	717,311	144,918	235	136,825
97	Paper. (See also Pulp, wood.)	21	1,779,540	1,327,383	148,000	450,278	729,105	452,157	134,658	938	451,483
98	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	34	632,763	362,935	63,750	103,325	195,860	269,828	113,753	212	105,265
99	Paving and paving materials	32	208,316	77,326	28,351	8,705	40,270	130,990	15,074	978	218,604
100	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	4	112,524	20,018	.....	.....	20,018	92,506	8,368	92	50,240
101	Photographic apparatus	3	17,689	6,125	.....	.....	6,125	11,564	1,990	26	10,788
102	Photography	132	304,982	221,850	19,050	45,500	157,300	83,132	49,160	414	231,863
103	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	3	7,099	5,050	.....	.....	5,050	2,049	1,636	20	13,832
104	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	14	212,884	53,241	4,750	6,100	42,391	159,643	35,940	166	59,276
105	Plastering and stuccowork. (See also Masonry, brick and stone.)	47	92,305	65,490	19,625	31,640	14,225	26,815	5,630	288	167,772
106	Plumbers' supplies. (See also Brass castings and brass finishing.)	7	146,952	49,267	14,700	17,250	17,317	97,685	3,244	155	69,608
107	Plumbing and gas fitting	129	752,150	161,431	43,750	40,150	77,531	590,719	85,362	1,073	595,956
108	Printing and publishing, book and job. (See also Bookbinding and blank-book making; Printing and publishing, music.)	98	1,018,621	690,245	5,000	8,500	676,745	328,376	407,488	1,030	527,049
109	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	506	3,436,287	2,232,274	194,175	249,650	1,788,449	1,204,013	701,001	3,668	1,824,744
110	Pulp, wood	10	933,233	837,761	109,000	327,245	401,516	95,472	57,644	364	167,265
111	Pumps, not including steam pumps	24	60,815	33,535	4,010	8,225	21,300	27,280	7,255	65	26,569
112	Refrigerators	6	395,299	151,961	45,000	63,000	43,961	243,338	39,010	239	83,183
113	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	40	230,590	117,595	33,300	36,550	47,745	112,995	12,590	265	160,180
114	Saddlery and harness	323	990,524	357,105	122,002	162,090	73,013	633,419	77,128	988	461,571
115	Salt	81	3,195,120	2,397,764	379,478	1,251,893	766,393	797,356	246,547	1,629	578,614
116	Saws	12	105,493	61,033	10,100	9,500	41,433	44,460	6,811	77	49,926
117	Sewing machine repairing	3	1,400	600	.....	.....	600	800	255	4	2,820
118	Shipbuilding	62	3,266,472	944,189	287,500	446,418	210,271	2,322,283	97,736	2,284	1,267,102
119	Shirts. (See also Furnishing goods, men's.)	10	26,176	5,657	.....	.....	5,657	20,519	3,685	103	31,392

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MICHIGAN—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Female above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
21	$17,912			17	$8,049					6	$1,580					$8,971	$48,472	77
48	34,644	1	$100	214	82,494	40	$8,552	11	$1,252	4	1,478	2	$99			117,167	318,032	78
2,406	1,727,356	37	17,547	41,851	12,383,137	213	35,737	350	43,512	1,542	445,451	49	6,952	144	$17,744	45,605,543	73,484,306	79
396	357,062	15	5,246	4,467	1,917,197	7	1,470	237	32,100	77	32,485					6,151,535	10,007,603	80
14	12,839			84	43,330											468,532	632,919	81
57	51,684	1	300	472	322,514			4	840							317,035	814,973	82
212	185,174			2,807	1,541,565					12	2,750					1,744,936	3,916,896	83
24	17,492			99	36,234	12	2,880	2	185	26	10,676	8	2,400			151,820	295,814	84
26	11,854	203	84,257			489	118,782	12	1,075			6	2,649			479,120	905,463	85
44	35,975			99	41,869	1	120	1	150	7	2,062					87,762	256,654	86
31	17,354			59	15,352											14,005	54,175	87
86	63,239	1	156	252	130,322	1	250			5	3,400					257,807	605,575	88
4	4,280	1	520	21	10,768											2,720	25,495	89
21	28,170	2	1,100	97	48,555			8	1,239	243	113,610					271,849	573,878	90
4	6,000			212	137,420	1	250									80,296	363,750	91
1	125			8	3,326											5,410	10,255	92
4	186			57	2,796											7,103	26,577	93
10	12,000	4	1,144	29	13,395	13	2,548	6	876	5	2,236					15,093	49,380	94
229	160,101	7	2,848	1,152	611,899	1	120	4	774	14	5,804					526,298	1,596,199	95
46	61,920	6	2,384	147	65,129	36	7,392									572,798	1,064,718	96
56	74,656	1	350	639	314,935	170	46,805	11	1,705	9	4,032	52	9,000			1,451,698	2,292,984	97
62	56,598	3	1,144	95	38,255	25	5,054	8	1,449	19	2,765					329,261	674,995	98
38	20,582			940	198,022											403,061	777,051	99
11	9,080			67	38,432	8	2,216	6	512							124,414	235,000	100
2	2,520			24	8,268											5,257	21,433	101
132	106,237	10	3,400	154	84,414	92	29,520	7	894	8	3,290	11	4,108			133,745	505,105	102
6	5,980	1	260	10	5,772					3	1,820					5,600	25,268	103
20	18,630	2	1,420	76	30,880	33	6,288	3	60	22	1,748	10	250			202,028	350,983	104
44	30,321			241	135,451					3	2,000					98,093	317,244	105
14	13,279	1	200	122	49,850					13	5,500	5	770			185,823	370,972	106
184	154,072	1	450	856	436,223	1	260	25	3,815	6	1,136					988,371	1,903,613	107
146	119,553	7	2,017	637	340,002	111	27,423	88	17,651	39	19,903	2	500			350,406	1,500,082	108
556	428,008	48	16,290	1,818	958,075	366	91,420	461	40,191	370	274,253	49	16,507			915,521	4,350,948	109
26	24,310			318	138,455	20	4,500									259,738	626,182	110
23	10,858			40	15,361					2	350					27,492	71,428	111
20	15,137	1	400	195	56,246					23	11,400					121,532	286,285	112
55	46,353			208	113,427			1	100	1	300					333,966	620,627	113
283	157,836	4	1,010	534	243,713	23	5,380	2	220	127	49,212	15	4,200			671,313	1,459,613	114
34	27,753	1	200	1,201	435,424	34	6,745	26	4,182	292	95,322	26	6,678	15	2,310	784,012	2,046,975	115
17	16,772			59	32,902					1	252					53,455	145,992	116
				4	2,820											755	4,700	117
92	81,657	1	244	1,954	1,069,898	1	272	10	2,080	226	112,951					2,300,299	4,710,108	118
6	5,166	3	900	10	5,865	29	7,463			36	7,002	19	5,296			38,674	96,920	119

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MICHIGAN—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.						Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.		Average number.	Total wages.
120	Show cases	4	$22,400	$18,450	$7,000	$8,000	$3,450	$3,950	$1,963	34	$19,212
121	Slaughtering and meat packing, wholesale. (See also Sausage.)	10	802,463	280,600	97,000	140,500	43,100	521,863	45,299	321	186,464
122	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	20	223,760	125,985	56,550	56,000	13,435	97,775	13,439	95	57,834
123	Soap and candles. (See also Grease and tallow.)	13	261,380	145,500	41,200	57,300	47,000	115,880	18,849	142	66,644
124	Sporting goods	4	33,393	14,450	.....	.....	14,450	18,943	3,202	48	22,638
125	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	10	630,500	183,550	47,200	54,400	81,950	446,950	74,688	489	201,905
126	Stencils and brands	4	13,200	7,550	.....	.....	7,550	5,650	2,687	13	7,115
127	Sugar and molasses, refining	7	13,221	12,851	967	2,892	8,992	370	657	42	2,473
128	Surgical appliances. (See also Artificial limbs.)	3	5,820	250	25	75	150	5,570	1,124	7	4,516
129	Timber products, not manufactured at mill.	206	18,476,744	11,235,852	9,209,983	.....	2,025,869	7,240,892	1,490,160	10,292	2,722,172
130	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	271	729,468	355,450	84,685	101,520	169,245	374,018	77,427	872	438,694
131	Tobacco, chewing, smoking, and snuff	5	1,586,460	307,947	45,000	120,250	142,697	1,278,513	1,309,858	1,352	408,425
132	Tobacco, cigars and cigarettes	373	1,515,952	254,233	91,135	78,480	84,618	1,262,719	414,876	2,830	1,300,359
133	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	13	142,302	60,503	13,900	16,800	29,803	81,799	11,825	113	64,700
134	Toys and games	3	68,200	24,000	2,700	8,800	12,500	44,200	6,826	95	47,785
135	Trunks and valises. (See also Leather goods.)	7	218,771	42,985	8,200	17,025	17,760	175,786	13,965	194	79,470
136	Umbrellas and canes	4	86,150	33,050	10,000	20,000	3,050	53,100	3,910	36	13,276
137	Upholstery materials. (See also Woolen goods.)	6	55,252	34,000	7,100	10,400	16,500	21,252	4,453	99	24,135
138	Varnish. (See also Paints.)	3	571,200	136,700	28,500	56,700	51,500	434,500	30,766	111	85,480
139	Vinegar and cider	90	352,648	223,442	31,783	68,036	123,623	129,206	22,416	445	63,267
140	Washing machines and clothes wringers.	11	33,365	15,581	2,095	7,515	5,771	17,984	1,975	44	15,885
141	Watch, clock, and jewelry repairing. (See also Jewelry.)	163	134,673	83,623	10,200	14,500	58,923	51,050	29,638	306	168,058
142	Wheelbarrows	3	138,815	71,831	7,000	41,200	23,631	66,984	19,695	107	47,698
143	Whips	5	61,550	26,396	2,000	8,524	15,872	35,154	17,078	51	19,552
144	Windmills	9	382,457	55,098	21,750	12,600	20,748	327,359	44,228	141	70,868
145	Window shades	7	12,611	5,850	1,500	2,500	1,850	6,761	923	9	2,941
146	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	15	354,681	199,958	20,556	77,517	101,895	154,713	18,401	319	126,289
147	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	46	386,925	183,354	15,905	24,758	142,691	203,571	55,220	431	200,009
148	Woodenware, not elsewhere specified	7	174,754	99,282	22,900	27,256	49,126	75,472	23,930	324	115,673
149	Woolen goods. (See also Felt goods; Gloves and mittens; Hosiery and knit goods.)	32	943,598	383,464	23,900	119,531	240,033	560,134	42,713	518	156,128
150	All other industries (*a*)	91	4,136,108	1,967,189	182,900	528,466	1,255,823	2,168,919	243,392	3,287	1,266,160

a Embraces ammunition, 2; artifical feathers and flowers, 1; babbitt metal and solder, 1; bags, paper, 1; bellows, 1; billiard tables and materials, 1; blacking, 1; bicycles and tricycles, 1; brass and copper, rolled, 1; cars and general shop construction and repairs by street railroad companies, 1; celluloid and celluloid goods, 2; cheese and butter, urban dairy product, 1; china, decorating, 1; cleansing and polishing preparations, 1; clocks, 1; cloth, openging and refinishing, 1; clothing, horse, 1; cordage and twine, 1; cordials and sirups, 1; electrical apparatus and supplies, 1; emery wheels, 1; engravers' materials, 1; engraving and diesinking, 1; envelopes, 1; fancy articles, not elsewhere specified, 2; felt goods, 1; firearms, 1; fire extinguishers, chemical, 1; fish, canning and preserving, 1; flax, dressed, 1; furs, dressed, 1; galvanizing, 1; gas machines and meters, 1; gas stoves, 1; glass, 1; glue, 1; graphite, 1; grease and tallow, 2; grindstones, 1; hand knit goods, 1;

BY COUNTIES.

[No manufactures reported from Isle Royal county.]

1	The State	12,127	262,412,240	135,067,551	61,557,730	24,269,785	49,840,036	126,744,689	18,348,381	163,941	68,347,798
2	Alcona	16	240,491	162,635	92,270	13,515	56,850	77,856	10,563	180	46,757
3	Alger	9	145,325	84,500	53,200	2,700	28,600	60,825	16,425	208	61,740
4	Allegan	215	1,153,108	706,021	143,344	201,621	361,056	447,087	83,063	1,262	389,242
5	Alpena	67	4,132,720	2,395,377	1,202,264	219,409	973,713	1,737,343	212,360	1,879	703,068
6	Antrim	54	2,038,041	1,082,006	300,693	332,545	448,858	955,945	106,326	785	287,970
7	Arenac	22	242,923	144,697	56,241	18,548	69,908	98,226	8,517	214	67,651
8	Baraga	4	3,436,075	2,549,909	2,159,174	152,735	238,000	886,166	46,139	589	221,323
9	Barry	100	409,322	290,310	60,285	55,275	174,750	119,012	31,866	517	123,050
10	Bay	614	16,948,989	8,434,853	5,017,786	1,209,161	2,216,906	8,514,136	1,275,660	8,907	3,673,169
11	Benzie	34	439,881	286,550	125,641	36,198	124,711	153,331	21,774	359	107,462

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MICHIGAN—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
4	$2,580			30	$16,632											$22,280	$53,140	120
55	51,583	3	$1,326	262	133,230	1	$325									2,684,053	3,069,298	121
29	23,300			63	33,978	1	156	1	$200	1	$200					762,111	929,680	122
22	20,168	2	600	86	38,848	13	2,028			11	4,620	2	$240	6	$140	221,891	393,405	123
7	4,240			23	11,282	2	300	7	1,716	8	4,800	1	300			35,997	73,050	124
40	39,365	7	3,765	314	166,903					128	81,872					486,952	1,054,707	125
4	3,840			7	2,840	1	260	1	175							2,980	14,700	126
4	304			34	2,084	4	85									5,873	15,819	127
4	3,207			2	1,067							1	242			2,753	8,831	128
133	105,872			6,797	1,926,881	25	4,688	3	280	3,316	680,673	12	2,578	6	1,200	3,812,831	9,637,663	129
206	122,338	2	598	633	308,880	1	416	16	2,676	7	3,286	3	300	4	200	621,313	1,348,557	130
62	89,472			468	175,188	248	49,820	27	2,790	40	5,099	507	86,056			2,383,032	4,742,412	131
403	267,407	5	2,170	541	268,664	309	64,689	48	6,471	1,243	605,892	274	84,122	7	944	1,340,477	3,512,603	132
19	13,839	1	420	80	48,720	2	416	6	938	5	369					112,738	222,018	133
6	8,500			88	39,185							1	100			71,609	156,250	134
25	18,388			155	58,276	3	1,050	11	1,756							136,838	295,756	135
2	2,500			13	5,544	21	5,232									84,115	112,128	136
7	3,960	1	450	75	16,793	4	600	8	832	4	1,500					32,836	68,105	137
53	53,300	3	1,600	55	30,580											748,969	975,000	138
72	14,198	4	670	301	46,538	48	1,324	13	425			7	112			258,510	514,374	139
11	5,854			17	6,421			7	1,050	6	2,410			3	150	23,397	54,721	140
131	74,407	1	520	107	91,351			2	520	5	1,260					62,611	309,976	141
9	6,850	1	360	80	33,082			1	216	18	7,190					66,012	157,240	142
1	1,200			21	14,027	8	1,282			19	2,627	2	416			31,094	83,870	143
22	20,677	5	1,968	111	47,323					3	900					164,319	367,360	144
3	920			5	1,896					1	125					9,371	16,292	145
29	21,929	1	364	248	90,794	2	508	19	2,070	20	10,624					192,836	453,739	146
58	54,197	4	1,014	331	137,687			27	4,054	6	1,902	2	480	3	675	133,879	472,650	147
13	10,978	1	390	236	80,256	1	520	5	546	58	21,050	5	1,656	5	277	176,503	356,872	148
38	21,213	2	450	244	82,690	171	37,611	29	2,918	6	1,498	26	9,628	2	120	529,515	844,652	149
195	189,152	24	9,574	1,696	711,258	542	136,276	126	15,136	443	184,087	254	20,075	7	602	2,597,957	4,922,372	150

hardware, 1; hardware, saddlery, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; japanning, 1; jewelry and instrument cases, 1; kindling wood, 1; labels and tags, 1; lasts, 1; lead, bar, pipe, and sheet, 1; leather goods, 2; liquors, vinous, 2; lithographing and engraving, 2; matches, 1; mirrors, 1; mucilage and paste, 1; needles and pins, 1; oysters, canning and preserving, 1; paper goods, not elsewhere specified, 2; pens, gold, 1; pipes, tobacco, 2; printing and publishing, music, 1; printing materials, 1; regalia and society banners and emblems, 2; rubber and elastic goods, 1; rules, ivory and wood, 1; safes and vaults, 1; sausage, 1; scales and balances, 2; screws, machine, 1; silk and silk goods, 1; springs, steel, car and carriage, 2; stamped ware, 1; stationery goods, not elsewhere specified, 2; stereotyping and electrotyping, 2; taxidermy, 2.

BY COUNTIES.

[No manufactures reported from Isle Royal county.]

14,174	10,920,189	1,093	444,703	118,303	46,062,636	8,369	1,796,396	2,326	292,169	14,873	5,870,016	4,488	924,057	315	37,632	154,521,918	277,896,706	1
12	5,603			144	35,388	2	86	2	50	20	5,630					134,618	232,746	2
9	7,205			156	48,574					43	5,961					77,741	172,790	3
182	97,891	18	6,223	880	248,762	98	25,101	9	690	52	9,165	10	975	13	435	1,409,272	2,166,293	4
84	92,688	1	520	1,625	565,561	35	8,813			134	35,486					1,577,313	3,442,066	5
60	63,831	2	383	644	205,992	57	13,184	3	150	19	4,430					870,833	1,508,032	6
13	6,896	1	450	195	59,105	2	550	2	150	1	500					147,991	291,305	7
10	25,255	2	1,000	481	192,360					12	2,067			4	641	467,324	948,728	8
90	35,730	1	250	351	78,912	59	4,803	8	400	8	2,955					544,318	817,159	9
647	564,342	54	26,172	6,861	2,710,765	304	44,829	93	11,024	858	294,125	85	20,959	5	953	9,203,109	16,559,652	10
43	24,130	1	468	307	82,098	1	208	7	558							211,772	422,088	11

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MICHIGAN—Continued.

BY COUNTIES—Continued.

	COUNTIES.	Number of establishments reporting.	CAPITAL.					Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
12	Berrien	295	$2,717,888	$1,524,801	$306,963	$466,255	$757,593	$1,193,087	$264,666	2,766	$982,145
13	Branch	161	926,346	499,514	65,966	123,564	309,990	426,826	103,458	1,066	303,806
14	Calhoun	223	5,558,484	1,719,061	296,171	542,336	880,554	3,839,423	373,149	2,469	1,235,182
15	Cass	156	887,697	363,240	57,604	81,196	165,040	584,457	77,518	779	318,956
16	Charlevoix	43	1,225,783	443,661	116,276	93,880	233,505	782,122	73,371	736	248,480
17	Cheboygan	78	2,172,189	1,362,514	706,843	272,161	383,576	869,675	130,889	1,282	440,586
18	Chippewa	17	1,542,145	880,297	460,172	68,345	351,780	661,848	61,848	1,666	377,776
19	Clare	56	529,796	356,568	155,668	26,539	174,361	173,282	32,538	915	267,769
20	Clinton	95	847,906	377,258	48,947	136,056	192,255	470,648	38,688	864	276,936
21	Crawford	5	549,969	345,528	306,341	11,798	27,389	204,441	45,692	193	91,120
22	Delta	48	2,627,132	1,692,263	380,795	201,703	566,765	1,534,869	116,107	1,436	622,655
23	Eaton	105	592,828	397,940	68,940	88,816	240,196	194,888	44,296	672	192,588
24	Emmet	61	1,099,136	636,391	183,038	137,461	315,892	462,745	56,693	692	212,893
25	Genesee	352	2,615,665	926,418	158,671	261,866	506,542	1,689,237	186,963	2,003	766,109
26	Gladwin	21	227,930	122,688	36,371	19,175	67,142	105,251	13,547	320	91,953
27	Gogebic	13	561,149	179,863	44,863	25,776	109,224	381,346	29,955	241	102,628
28	Grand Traverse	74	944,414	537,437	157,665	84,157	295,615	406,977	37,503	841	292,783
29	Gratiot	95	985,230	387,557	56,230	96,035	235,292	297,673	39,984	935	249,987
30	Hillsdale	204	779,786	527,783	63,465	179,815	284,503	252,003	42,303	1,033	253,381
31	Houghton	118	1,852,651	1,022,791	413,764	212,703	396,324	829,860	108,684	914	448,313
32	Huron	78	561,576	362,494	68,796	78,418	215,280	149,682	45,805	523	153,246
33	Ingham	215	2,815,266	1,171,798	216,687	360,383	606,728	1,643,402	256,328	2,525	1,032,992
34	Ionia	199	1,376,640	698,612	116,939	203,597	384,076	677,428	96,181	1,642	579,216
35	Iosco	57	6,998,497	3,463,863	1,616,228	419,377	1,428,258	3,534,634	233,069	1,975	768,107
36	Isabella	103	851,435	425,772	102,675	70,922	252,175	425,663	66,549	961	251,172
37	Jackson	286	5,245,861	1,699,364	299,166	536,686	869,518	3,546,497	359,657	3,831	1,468,224
38	Kalamazoo	256	4,298,825	1,648,620	384,445	408,572	855,603	2,650,805	438,143	2,579	1,166,445
39	Kalkaska	26	692,345	373,786	162,858	31,313	179,615	318,559	46,790	368	123,346
40	Kent	1,016	17,641,568	7,885,606	2,727,629	2,185,512	2,972,465	9,755,902	1,366,421	14,486	6,882,924
41	Lake	26	1,452,463	638,851	337,953	46,811	254,087	813,612	62,981	648	256,793
42	Lapeer	169	756,011	433,870	69,745	109,440	254,685	322,141	21,941	505	147,229
43	Leelanaw	28	743,778	289,153	57,694	52,253	179,206	454,625	34,677	509	161,018
44	Lenawee	347	2,059,156	1,157,958	152,556	372,769	632,633	901,198	138,694	2,295	605,621
45	Livingston	79	228,656	164,314	24,819	40,521	98,974	63,736	11,420	314	93,566
46	Luce	7	542,973	286,674	25,066	55,250	206,424	256,299	23,829	141	80,462
47	Mackinac	16	1,148,287	483,206	96,593	55,336	331,277	665,081	126,739	574	177,647
48	Macomb	131	966,632	468,821	116,686	166,316	197,825	497,211	51,996	1,024	323,508
49	Manistee	143	13,616,546	9,930,854	7,296,247	963,672	1,736,935	3,685,692	405,534	4,633	1,377,174
50	Marquette	58	2,716,957	1,189,262	335,228	319,868	534,166	1,521,695	147,785	1,680	536,269
51	Mason	115	5,901,366	4,596,202	3,634,433	258,380	703,389	1,305,164	159,905	1,599	565,919
52	Mecosta	112	1,177,359	660,602	169,802	115,255	315,635	576,667	95,761	1,152	406,660
53	Menominee	82	9,196,329	5,746,198	4,601,698	328,501	1,415,999	3,444,131	491,796	3,296	1,085,514
54	Midland	55	668,412	292,080	56,277	78,037	157,766	376,332	38,164	466	156,115
55	Missaukee	21	612,186	341,827	207,106	18,736	115,985	270,353	23,930	282	78,646
56	Monroe	186	1,124,429	698,866	146,217	196,616	362,633	425,563	113,421	1,167	348,621
57	Montcalm	168	1,440,539	874,796	343,972	112,076	418,748	565,743	78,277	1,375	416,235
58	Montmorency	5	16,406	12,160	4,160	2,160	5,900	4,300	1,769	23	4,346
59	Muskegon	388	15,960,542	7,932,473	4,913,365	716,896	2,368,212	8,028,069	756,165	7,376	2,876,515
60	Newaygo	92	2,215,102	1,023,494	558,036	89,787	375,671	1,191,608	191,563	1,731	572,971
61	Oakland	281	1,322,383	812,907	126,062	225,350	461,555	509,476	84,059	1,334	406,617
62	Oceana	71	936,790	541,109	165,632	79,798	295,679	395,681	51,605	1,064	283,242
63	Ogemaw	26	319,468	138,867	44,428	22,250	72,129	180,601	12,477	229	66,526
64	Ontonagon	18	2,129,238	1,409,566	951,628	81,411	376,467	719,732	40,995	406	176,634
65	Osceola	91	1,639,138	491,438	126,884	77,204	287,350	547,700	71,857	1,027	311,239
66	Oscoda	4	7,060	4,145	265	640	3,300	2,915	732	11	2,628
67	Otsego	22	150,936	95,096	21,653	16,519	56,924	55,546	8,678	209	52,052
68	Ottawa	184	2,416,929	1,625,319	216,151	257,378	551,790	1,385,616	148,773	1,723	619,893
69	Presque Isle	18	183,599	89,265	46,546	12,796	26,935	97,334	6,334	141	33,996
70	Roscommon	3	333,856	104,811	14,619	18,684	72,168	229,045	26,226	142	52,487
71	Saginaw	482	21,934,714	11,516,687	6,867,606	1,707,640	2,941,441	10,418,027	1,151,859	11,388	4,146,875
72	St. Clair	186	2,775,975	1,457,958	358,853	576,442	522,663	1,318,617	166,521	2,260	852,621
73	St. Joseph	199	1,525,051	723,788	122,680	225,628	375,480	801,263	139,299	1,320	489,871
74	Sanilac	69	299,719	205,149	22,675	45,750	136,724	94,570	18,252	303	63,319
75	Schoolcraft	15	6,866,256	4,234,875	2,494,616	286,023	1,455,236	2,631,375	197,907	788	271,919
76	Shiawassee	167	1,147,424	647,817	106,128	220,113	321,576	499,607	76,459	1,194	409,757
77	Tuscola	113	730,759	379,363	61,564	85,049	232,750	351,396	40,678	831	220,333
78	Van Buren	149	692,125	401,631	78,943	95,149	227,539	290,494	39,015	857	207,588
79	Washtenaw	351	2,727,934	1,617,894	296,983	467,755	853,156	1,110,040	236,433	2,142	825,921
80	Wayne	1,912	51,027,652	23,359,283	7,059,135	5,974,496	10,316,652	27,677,369	6,212,870	41,095	20,102,701
81	Wexford	109	3,094,660	1,655,036	853,669	98,357	703,664	1,439,629	111,190	1,107	452,799
82	All other counties (a)	4	333,766	106,266	15,003	19,861	71,402	227,560	21,034	159	61,613

a Includes establishments distributed as follows: Iron, 2; Keweenaw, 1; Manitou, 1.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MICHIGAN—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
323	$216,338	36	$13,810	1,558	$593,254	366	$65,758	63	$6,183	147	$45,253	220	$36,552	47	$4,997	$1,917,062	$3,787,611	12
172	90,401	12	5,228	599	212,697	59	11,455	5	438	181	66,778	38	6,809	.....	.....	1,110,720	1,801,142	13
377	292,465	31	12,926	1,593	813,889	171	41,681	40	4,123	146	58,782	44	9,972	7	1,344	2,203,011	4,496,546	14
109	67,093	13	4,712	534	195,227	40	5,641	.....	.....	83	46,283	.....	.....	.....	.....	706,042	1,416,941	15
62	47,948	1	288	647	195,390	8	1,782	6	916	6	2,156	.....	.....	.....	.....	616,755	1,083,838	16
69	54,492	3	1,756	1,174	373,438	18	4,222	4	572	14	6,106	.....	.....	.....	.....	964,923	1,645,810	17
34	35,379	.....	.....	876	334,827	2	572	38	2,010	56	4,988	.....	.....	.....	.....	800,344	1,387,715	18
54	28,640	1	624	857	238,103	1	90	.....	.....	2	312	.....	.....	.....	.....	697,505	1,092,211	19
103	57,387	3	2,020	443	145,923	45	5,270	1	100	193	65,378	14	640	2	212	569,836	1,034,793	20
13	10,956	1	400	179	79,764	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	255,765	397,215	21
83	88,118	.....	.....	1,116	479,443	14	2,568	2	304	210	48,066	11	4,150	.....	.....	972,652	1,896,276	22
88	42,852	.....	.....	522	141,468	48	5,556	5	678	9	2,034	.....	.....	.....	.....	716,474	1,119,279	23
52	27,715	.....	.....	576	175,277	5	1,070	5	335	38	6,616	16	1,880	.....	.....	486,834	876,872	24
276	156,917	84	26,406	1,280	482,769	175	33,879	33	4,188	141	57,595	11	3,575	3	780	2,487,664	3,982,868	25
35	15,698	.....	.....	272	66,783	2	100	1	24	10	8,448	.....	.....	.....	.....	148,562	309,969	26
15	17,108	1	240	212	79,419	2	745	1	160	9	4,896	.....	.....	1	60	421,710	624,232	27
61	32,917	2	228	717	247,909	15	3,683	7	703	35	6,908	4	1,335	.....	.....	844,798	1,315,405	28
85	43,500	2	650	802	199,059	10	1,608	8	845	28	4,325	.....	.....	.....	.....	571,146	1,030,645	29
179	63,185	4	1,438	594	147,332	137	7,957	23	2,063	70	28,581	26	2,825	.....	.....	1,169,877	1,649,959	30
89	69,847	16	7,108	732	345,793	30	7,076	11	1,438	31	16,251	1	300	4	500	859,747	1,691,582	31
69	31,077	.....	.....	403	113,921	11	2,920	8	872	24	3,656	.....	.....	8	800	602,384	858,596	32
225	157,161	18	6,557	1,631	672,838	201	34,792	14	1,362	366	146,040	64	14,062	6	180	2,111,679	3,926,826	33
173	93,070	16	5,257	935	368,904	257	38,495	31	4,084	160	50,145	68	19,135	2	120	1,337,364	2,264,905	34
70	58,881	.....	.....	1,834	624,270	2	562	18	4,874	45	18,320	.....	.....	6	1,200	2,378,168	3,825,486	35
97	53,028	2	156	738	187,140	9	1,630	3	496	50	7,922	2	800	.....	.....	589,332	1,087,354	36
397	294,693	30	14,155	2,078	851,947	159	34,381	74	7,232	527	159,102	575	106,714	.....	.....	2,983,189	5,693,146	37
285	237,879	30	11,934	1,627	712,051	202	42,691	22	2,897	305	139,508	101	18,883	7	602	2,626,755	5,126,329	38
27	16,690	4	2,998	333	101,733	.....	.....	1	50	3	1,875	.....	.....	.....	.....	358,575	619,118	39
1,305	1,193,057	233	100,019	10,332	4,718,577	738	159,879	288	39,576	1,185	595,388	393	74,558	12	1,870	19,499,419	21,593,132	40
24	24,435	4	1,692	610	228,000	2	300	1	160	7	2,206	.....	.....	.....	.....	1,161,906	1,568,282	41
79	35,679	1	200	344	87,000	27	6,073	9	1,000	14	6,114	27	10,413	4	750	496,138	758,367	42
29	20,619	1	300	470	139,203	1	300	5	640	3	856	.....	.....	.....	.....	492,246	764,080	43
331	168,439	26	10,561	1,291	385,920	202	46,154	18	1,632	126	52,669	121	30,246	.....	.....	1,580,144	2,872,936	44
61	18,108	.....	.....	226	42,657	14	945	4	170	8	1,411	1	275	.....	.....	272,706	414,470	45
14	14,754	.....	.....	118	62,773	.....	.....	5	935	4	2,000	.....	.....	.....	.....	296,077	466,543	46
25	20,418	1	300	378	116,128	1	260	3	285	166	39,656	.....	.....	.....	.....	455,641	821,250	47
101	58,203	3	705	737	244,971	58	3,464	6	217	56	13,196	63	2,752	.....	.....	705,404	1,311,841	48
169	136,025	8	3,714	3,419	1,119,481	86	17,840	80	11,729	226	79,265	22	6,048	23	3,072	3,694,245	6,204,847	49
84	77,485	3	960	902	417,189	11	3,492	8	862	60	32,209	12	4,072	.....	.....	1,556,683	2,478,416	50
112	85,191	7	2,825	1,253	407,758	45	7,434	15	2,943	136	53,226	19	4,818	12	1,724	2,120,302	3,211,368	51
93	60,903	7	2,616	916	302,687	66	16,080	12	1,832	57	22,442	1	100	.....	.....	1,082,983	1,856,006	52
93	96,985	1	900	2,953	952,224	12	1,229	31	5,124	203	28,498	3	554	.....	.....	4,451,949	6,523,751	53
62	35,092	2	940	416	116,007	.....	.....	1	160	15	3,916	.....	.....	.....	.....	367,860	650,605	54
20	11,639	.....	.....	255	64,784	2	572	1	160	4	891	.....	.....	.....	.....	251,789	408,346	55
193	91,267	5	1,889	837	230,197	37	6,508	17	2,124	71	14,596	7	2,040	.....	.....	904,946	1,627,857	56
137	69,426	6	3,016	1,092	298,914	35	6,173	12	1,156	83	34,895	7	1,980	3	675	873,048	1,607,261	57
5	1,381	.....	.....	18	2,965	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,965	19,554	58
426	355,057	37	15,446	5,592	2,143,912	158	29,559	84	7,538	1,060	313,296	15	5,133	4	574	7,011,745	11,991,552	59
97	62,506	1	520	1,586	497,131	8	1,104	18	3,863	20	7,613	.....	.....	1	234	1,367,512	2,454,843	60
212	104,749	20	7,328	752	240,717	116	20,246	2	224	60	17,593	172	15,760	.....	.....	1,617,212	2,515,368	61
63	32,814	.....	.....	832	222,074	7	1,283	19	1,980	139	24,131	4	960	.....	.....	461,845	934,570	62
24	11,822	1	364	193	50,504	2	552	2	284	7	3,000	.....	.....	.....	.....	201,378	328,815	63
25	26,716	8	3,058	357	136,194	5	850	1	160	10	3,656	.....	.....	.....	.....	486,410	826,137	64
78	42,767	1	175	883	251,745	11	2,017	16	1,830	38	12,705	.....	.....	.....	.....	742,834	1,373,065	65
3	708	.....	.....	8	1,920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,851	7,994	66
18	8,369	.....	.....	172	41,038	1	208	.....	.....	13	2,187	.....	.....	5	250	92,457	186,912	67
170	98,018	18	5,129	1,328	460,378	30	5,679	24	2,466	111	45,951	24	542	18	1,730	1,644,559	2,869,542	68
17	5,487	.....	.....	120	28,221	1	81	3	207	.....	.....	.....	.....	.....	.....	99,362	152,813	69
7	7,253	.....	.....	131	44,218	.....	.....	1	160	3	856	.....	.....	.....	.....	232,023	338,824	70
545	493,718	32	12,624	8,404	2,997,248	213	57,654	181	22,229	1,932	545,739	36	11,758	45	5,905	9,896,257	16,993,718	71
202	150,803	16	9,522	1,769	620,950	80	15,072	54	5,742	109	42,512	17	5,420	13	2,000	1,497,716	2,889,986	72
160	90,787	13	4,043	895	341,667	119	22,348	14	1,650	64	19,597	55	9,779	.....	.....	1,143,848	2,051,232	73
43	16,169	1	234	245	45,715	8	750	4	80	2	362	.....	.....	.....	.....	363,797	507,727	74
31	30,948	2	1,200	694	229,128	5	1,212	39	3,700	12	4,876	2	400	3	455	1,103,306	1,886,215	75
128	59,516	5	1,946	928	325,182	78	12,009	27	2,628	23	7,276	5	1,200	.....	.....	848,701	1,601,653	76
109	50,354	3	844	603	151,164	43	6,879	27	2,800	43	7,941	3	351	.....	.....	540,256	969,023	77
137	55,304	9	3,686	583	130,444	50	6,677	8	324	54	9,873	6	980	10	300	561,525	987,631	78
245	136,834	19	5,189	1,191	490,445	194	41,417	34	5,052	175	73,361	267	71,595	17	2,028	2,178,319	3,957,959	79
3,624	3,469,313	203	85,964	26,857	12,839,950	3,256	836,060	698	97,926	4,514	2,365,796	1,913	411,451	30	3,241	43,805,248	82,125,105	80
90	54,116	6	2,437	965	378,873	18	4,094	4	317	21	11,062	3	1,300	.....	.....	953,480	1,818,183	81
11	11,949	.....	.....	142	48,298	1	175	2	335	3	856	.....	.....	.....	.....	243,653	365,399	82

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MINNESOTA.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	7,505	$127,686,618	$65,377,472	$27,332,889	$12,567,605	$25,476,978	$62,309,146	$12,136,612	79,629	$38,189,239
2	Agricultural implements	23	5,136,542	1,065,002	347,560	307,152	410,290	4,071,540	410,379	602	363,080
3	Artificial limbs. (See also Surgical appliances.)	3	4,000	700	.....	.....	700	3,306	1,364	9	7,030
4	Awnings, tents, and sails	8	66,020	15,550	10,000	2,000	3,550	44,470	6,140	66	36,904
5	Baking and yeast powders	6	362,690	135,390	50,000	62,000	23,390	227,300	14,183	103	71,510
6	Baskets and rattan and willow ware	5	20,797	9,675	2,000	6,000	1,675	11,122	2,465	50	9,780
7	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	628	741,436	442,382	165,595	152,555	124,232	299,054	57,224	1,079	580,387
8	Bookbinding and blank-book making. (See also Printing and publishing.)	9	93,368	57,067	.....	.....	57,067	36,299	8,298	123	59,373
9	Boots and shoes, custom work and repairing.	345	269,059	184,708	63,665	74,428	46,615	84,351	38,506	588	275,718
10	Boots and shoes, factory product	8	1,794,711	147,212	2,500	6,200	138,512	1,647,499	99,962	1,182	614,022
11	Bottling. (See also Liquors, malt; Mineral and soda waters.)	14	212,960	106,730	47,350	35,550	23,830	106,230	10,271	97	64,060
12	Boxes, cigar	3	23,600	8,000	2,500	700	4,800	15,600	1,735	36	13,466
13	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	3	23,729	9,376	.....	.....	9,376	14,353	9,679	94	27,531
14	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	7	242,800	131,600	50,000	14,500	67,100	111,200	14,597	224	118,636
15	Brass castings and brass finishing. (See also Plumbers' supplies.)	6	89,400	53,300	26,500	6,200	20,600	36,100	4,358	69	39,865
16	Bread and other bakery products	118	550,129	308,950	86,750	80,550	141,650	241,179	65,344	670	346,416
17	Brick and tile. (See also Clay and pottery products.)	117	1,584,356	1,020,480	619,590	152,950	247,940	563,876	77,487	2,221	502,183
18	Bridges	7	82,142	36,282	13,000	2,000	21,282	45,860	8,335	158	90,616
19	Brooms and brushes	21	58,925	21,785	10,055	5,800	5,930	37,140	5,068	108	50,522
20	Carpentering	602	2,915,341	789,095	357,245	231,150	200,700	2,126,246	540,760	5,522	3,115,093
21	Carpets, rag	22	4,727	3,719	1,245	900	1,574	1,008	1,240	35	11,784
22	Carriages and sleds, children's	3	73,552	17,166	1,000	8,972	7,194	56,386	4,297	67	18,508
23	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	227	2,069,937	1,077,419	505,915	335,958	235,546	992,518	114,527	1,219	717,746
24	Cars and general shop construction and repairs by steam railroad companies.	18	2,926,860	2,200,206	197,557	1,444,251	558,398	726,654	.....	2,017	1,276,031
25	Cheese and butter, urban dairy product	9	77,516	58,185	4,000	30,000	24,185	19,331	8,143	66	39,904
26	Cheese, butter, and condensed milk, factory product	106	606,184	358,995	38,065	151,285	169,645	247,189	50,849	855	397,618
27	Chemicals. (See also Fertilizers; Paints.)	3	23,500	3,500	.....	.....	3,500	20,000	2,844	35	12,753
28	China, decorating	15	31,747	12,983	8,500	3,500	983	18,764	2,639	17	13,700
29	Clay and pottery products. (See also Brick and tile.)	9	243,075	141,400	54,600	40,900	45,900	101,675	21,566	181	89,921
30	Clothing, men's, custom work and repairing.	271	1,169,619	202,125	80,925	63,125	58,075	987,494	135,396	1,800	1,136,982
31	Clothing, men's, factory product	7	857,308	55,655	500	400	54,755	801,653	35,030	974	356,633
32	Clothing, women's, dressmaking	776	308,889	182,778	60,950	55,860	65,968	126,111	89,000	2,369	762,388
33	Coffee and spice, roasting and grinding	9	168,914	23,614	.....	800	22,814	145,300	14,601	80	53,644
34	Coffins and burial cases, trimming and finishing.	3	5,150	3,600	1,400	1,900	300	1,550	107	6	3,256
35	Coffins, burial cases, and undertakers' goods.	4	313,275	119,431	33,932	55,823	29,676	193,844	29,914	144	83,022
36	Confectionery	36	408,878	124,645	1,600	3,000	120,045	284,233	58,971	419	204,504
37	Cooperage	59	447,129	253,807	114,255	81,308	58,244	193,322	23,147	1,016	485,546
38	Corsets	4	10,405	2,855	500	1,500	855	7,550	2,049	18	6,348
39	Dentistry, mechanical	60	99,477	53,980	.....	.....	53,980	45,497	21,565	104	93,126
40	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	54	77,114	19,464	2,800	3,650	13,014	57,650	15,285	117	54,203
41	Dyeing and cleaning	16	66,345	42,059	22,600	7,700	11,859	14,286	6,348	95	44,901
42	Electrical apparatus and supplies	3	49,579	16,470	500	500	15,470	33,109	2,560	28	20,716
43	Engraving and diesinking	4	6,400	5,280	.....	.....	5,280	1,120	851	11	5,709
44	Engraving, wood	3	2,240	800	.....	.....	800	1,440	1,194	14	10,624
45	Fancy articles, not elsewhere specified	11	13,580	4,110	1,500	1,700	910	9,470	3,064	54	19,265
46	Flouring and grist mill products	307	19,518,743	10,821,710	1,645,721	2,838,261	6,337,728	8,697,033	1,712,017	4,038	2,243,855

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MINNESOTA.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecewerkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
8,617	$7,253,680	1,222	$564,436	59,610	$26,517,634	4,170	$1,187,726	653	$92,223	3,912	$2,171,874	1,332	$395,717	107	$5,949	$118,481,941	$192,033,478	1
78	104,656	7	4,112	507	249,971	.....	.....	.....	.....	10	4,341	.....	.....	.....	.....	418,619	1,622,951	2
5	3,720	.....	.....	4	3,310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,230	16,200	3
14	13,324	.....	.....	25	16,166	27	6,414	.....	.....	.....	.....	.....	.....	.....	.....	55,774	116,990	4
22	26,800	.....	.....	56	37,570	21	6,540	4	600	.....	.....	.....	.....	.....	.....	237,862	390,860	5
3	1,300	.....	.....	3	746	.....	.....	.....	.....	32	6,278	4	820	8	636	5,077	18,500	6
616	348,125	.....	.....	454	229,794	.....	.....	1	150	8	2,318	.....	.....	.....	.....	309,572	1,161,527	7
12	10,621	.....	.....	28	16,004	23	5,952	7	1,098	19	15,500	34	10,200	.....	.....	53,804	142,835	8
288	135,518	1	312	217	107,152	2	520	.....	.....	80	32,216	.....	.....	.....	.....	171,634	536,741	9
83	89,044	.....	.....	547	279,054	267	91,788	1	125	168	113,445	116	40,566	.....	.....	1,090,722	2,032,814	10
19	24,060	.....	.....	75	39,403	2	480	1	117	.....	.....	.....	.....	.....	.....	156,931	290,080	11
4	3,390	.....	.....	9	3,716	3	800	2	520	.....	.....	18	5,040	.....	.....	37,737	63,000	12
6	4,048	1	400	18	7,826	10	2,600	.....	.....	.....	.....	54	11,877	5	780	27,031	70,334	13
20	23,000	.....	.....	202	94,136	1	700	.....	.....	1	800	.....	.....	.....	.....	218,606	440,420	14
11	10,360	.....	.....	48	29,505	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125,862	206,400	15
138	103,767	53	16,871	391	205,053	62	15,024	22	3,137	4	1,664	.....	.....	.....	.....	720,917	1,451,625	16
148	59,686	.....	.....	1,958	428,585	7	443	81	6,589	22	6,700	.....	.....	5	180	255,956	1,116,739	17
13	17,038	1	360	144	73,218	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142,146	264,500	18
21	13,956	.....	.....	33	17,237	.....	.....	7	762	41	18,167	6	400	.....	.....	89,645	165,571	19
688	571,032	4	2,284	4,821	2,537,702	.....	.....	.....	.....	9	4,075	.....	.....	.....	.....	5,859,552	11,083,765	20
11	5,158	12	3,950	8	2,000	2	416	2	260	.....	.....	.....	.....	.....	.....	8,288	25,270	21
6	3,880	.....	.....	28	10,512	11	1,552	5	500	11	1,562	6	500	.....	.....	27,844	54,635	22
260	198,999	.....	.....	904	494,276	.....	.....	3	360	52	24,111	.....	.....	.....	.....	674,805	1,802,177	23
65	56,346	1	360	1,940	1,215,995	1	480	10	2,850	.....	.....	.....	.....	.....	.....	1,305,136	2,628,174	24
16	11,720	.....	.....	50	28,184	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	234,827	342,143	25
70	42,717	2	1,200	769	351,407	4	1,620	3	224	7	450	.....	.....	.....	.....	2,168,307	2,958,476	26
2	1,950	.....	.....	15	8,463	6	768	12	1,572	.....	.....	.....	.....	.....	.....	58,491	117,050	27
.....	.....	15	13,200	.....	.....	2	500	.....	.....	.....	.....	.....	.....	.....	.....	7,208	33,375	28
16	12,200	.....	.....	123	58,509	2	480	4	600	36	20,132	.....	.....	.....	.....	57,512	214,600	29
282	220,772	4	1,892	557	351,765	60	21,447	6	1,046	788	503,746	103	36,314	.....	.....	939,079	2,612,138	30
45	54,530	.....	.....	78	53,352	366	125,548	7	1,100	.....	.....	478	122,103	.....	.....	815,121	1,346,316	31
17	16,695	812	363,989	5	1,668	1,531	379,261	.....	.....	.....	.....	4	775	.....	.....	1,345,924	2,458,655	32
30	27,428	.....	.....	39	23,436	11	2,780	.....	.....	.....	.....	.....	.....	.....	.....	516,769	627,283	33
3	1,508	.....	.....	3	1,748	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,149	7,650	34
18	15,890	.....	.....	107	59,885	13	4,056	.....	.....	6	3,191	.....	.....	.....	.....	116,231	243,994	35
77	72,203	26	11,111	171	90,012	130	26,954	7	1,268	3	1,456	5	1,500	.....	.....	555,153	988,235	36
52	34,291	.....	.....	305	111,353	.....	.....	5	585	654	339,317	.....	.....	.....	.....	884,175	1,687,060	37
1	624	4	2,100	1	400	12	3,224	.....	.....	.....	.....	.....	.....	.....	.....	4,654	17,798	38
64	63,686	1	364	35	27,576	1	500	.....	.....	3	1,000	.....	.....	.....	.....	39,662	232,994	39
68	34,001	.....	.....	46	19,762	3	440	.....	.....	.....	.....	.....	.....	.....	.....	52,080	161,395	40
15	11,697	5	2,560	33	19,371	42	11,273	.....	.....	.....	.....	.....	.....	.....	.....	11,478	72,274	41
8	6,860	1	360	19	13,496	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47,332	96,190	42
4	2,950	.....	.....	6	2,564	1	195	.....	.....	.....	.....	.....	.....	.....	.....	1,540	10,000	43
4	5,300	.....	.....	8	4,740	.....	.....	1	84	1	500	.....	.....	.....	.....	756	12,125	44
4	1,734	13	8,201	14	2,900	17	5,280	4	650	.....	.....	2	500	.....	.....	11,454	40,673	45
523	492,430	6	3,310	3,401	1,711,400	3	555	3	100	102	36,060	.....	.....	.....	.....	52,383,867	60,158,088	46

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MINNESOTA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
47	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving.)	4	$30,672	$21,850	$4,500	$5,000	$12,350	$8,822	$1,500	17	$5,958
48	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	92	2,403,725	1,278,287	413,717	268,064	596,506	1,125,438	140,618	1,469	979,142
49	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	3	28,350	15,550	2,750	5,100	7,700	12,800	4,182	111	2,700
50	Fur goods. (See also Hats and caps, not including wool hats.)	25	1,468,711	32,525	1,000	1,000	30,525	1,436,186	55,140	488	276,393
51	Furnishing goods, men's. (See also Shirts.)	6	99,635	13,085	5,000	1,000	7,085	86,550	2,573	105	45,374
52	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	62	148,046	44,680	13,300	16,200	15,180	103,366	23,679	214	127,255
53	Furniture, factory product. (See also Furniture, chairs.)	21	1,330,928	624,117	208,728	237,162	178,227	706,811	108,706	1,057	523,765
54	Gas, illuminating and heating	10	4,946,448	4,691,100	756,200	220,500	3,714,400	255,348	79,746	224	137,660
55	Glass, cutting, staining, and ornamenting.	5	63,050	9,100	2,000	1,000	6,100	53,950	8,988	92	59,376
56	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	4	5,975	1,150	----	----	1,150	4,825	1,721	17	8,306
57	Grease and tallow. (See also Axle grease; Soap and candles.)	4	108,281	98,500	17,800	28,500	52,200	9,781	2,765	43	27,574
58	Hairwork	9	10,440	1,265	----	600	665	9,175	6,470	30	12,494
59	Hand stamps	7	18,885	10,900	----	----	10,900	7,985	4,635	29	16,814
60	Hay and straw, baling	8	26,588	14,750	1,000	4,400	9,350	11,838	2,345	44	12,160
61	Hosiery and knit goods. (See also Gloves and mittens; Woolen goods.)	3	247,498	62,750	20,100	15,150	27,500	184,748	24,345	129	46,356
62	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	13	499,018	255,317	88,650	73,300	93,367	243,701	13,185	415	265,619
63	Leather, tanned and curried	10	482,457	132,950	81,525	29,250	22,175	349,507	9,458	112	60,267
64	Lightning rods	3	15,267	6,138	3,000	1,150	1,988	9,129	2,063	14	10,348
65	Lime and cement	21	202,740	155,538	70,225	60,930	24,383	47,202	7,764	211	76,189
66	Liquors, malt. (See also Bottling.)	66	3,625,239	2,304,714	713,700	1,030,390	560,624	1,320,525	526,786	658	412,682
67	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	3	154,250	107,000	----	30,000	77,000	47,250	11,286	122	79,720
68	Lock and gun smithing	20	54,480	20,595	1,850	3,565	15,180	33,885	5,726	40	29,346
69	Looking-glass and picture frames	24	80,642	16,902	6,000	4,000	6,902	63,740	9,183	88	53,124
70	Lumber and other mill products from logs or bolts.	317	28,321,062	14,043,881	8,123,255	1,330,271	4,590,355	14,277,181	1,296,220	10,783	3,383,765
71	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	54	4,379,061	2,017,975	942,985	505,680	569,310	2,361,086	201,324	2,715	1,529,177
72	Marble and stone work. (See also Monuments and tombstones.)	34	516,400	239,819	85,083	25,300	129,436	276,581	51,408	797	504,560
73	Masonry, brick and stone. (See also Plastering and stuccowork.)	285	2,963,622	539,197	149,625	122,825	266,747	2,424,425	243,960	7,348	3,787,226
74	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	9	123,575	16,500	1,600	2,500	13,000	107,075	10,654	125	66,679
75	Millinery and lace goods	4	8,875	1,750	----	----	1,750	7,125	4,046	45	19,240
76	Milliuery, custom work	131	382,436	91,370	41,825	39,800	9,745	291,066	61,938	508	205,413
77	Mineral and soda waters. (See also Bottling.)	32	215,759	165,015	71,600	33,150	60,265	50,744	13,034	117	54,059
78	Models and patterns	7	10,798	4,250	300	150	3,800	6,548	1,220	18	18,906
79	Monuments and tombstones. (See also Marble and stone work.)	38	173,698	37,415	13,475	14,825	9,115	136,283	17,783	149	93,386
80	Musical instruments and materials, not specified. (See also Musical instruments, pianos and materials.)	4	5,780	2,950	750	1,200	1,000	2,830	448	9	8,020
81	Musical instruments, organs and materials.	3	81,760	41,360	6,010	24,300	11,050	40,400	6,311	19	6,895
82	Oil, linseed	3	1,017,114	349,784	93,000	110,000	146,784	667,330	67,152	99	66,938
83	Optical goods	3	11,311	3,125	----	----	3,125	8,186	2,110	11	8,136
84	Painting and paper hanging	296	737,399	255,026	110,310	77,875	66,841	482,373	63,348	1,671	1,032,405
85	Paints. (See also Chemicals.)	5	298,814	23,710	100	100	23,510	275,104	37,253	63	47,814
86	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	32	164,032	24,719	7,350	8,650	8,719	139,313	78,332	119	62,352

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MINNESOTA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
5	$3,040	.....	.....	5	$1,268	1	$150	.....	.....	.....	.....	6	$1,500	.....	.....	$47,830	$67,417	47
175	180,923	5	$2,644	1,257	777,584	2	1,000	2	$185	28	$16,806	.....	.....	.....	.....	1,089,332	2,835,024	48
.....	.....	.....	.....	16	1,000	5	500	20	650	.....	.....	15	200	55	$350	24,650	38,375	49
80	107,378	5	2,586	100	59,135	203	55,164	5	710	40	31,200	55	20,220	.....	.....	727,117	1,152,369	50
11	10,360	.....	.....	6	4,400	16	5,870	.....	.....	5	3,640	67	21,104	.....	.....	107,852	186,030	51
70	48,057	.....	.....	139	78,580	.....	.....	4	388	1	230	.....	.....	.....	.....	154,816	380,303	52
73	83,226	3	1,380	904	466,488	9	3,008	.....	.....	68	35,663	.....	.....	.....	.....	526,716	1,523,686	53
26	27,030	.....	.....	198	110,630	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	180,912	846,103	54
16	13,726	1	700	75	44,950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43,219	126,460	55
5	2,920	.....	.....	4	3,050	7	2,128	.....	.....	.....	.....	1	208	.....	.....	6,728	18,870	56
13	10,413	.....	.....	30	17,161	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,699	65,682	57
1	1,200	9	6,550	.....	.....	20	4,744	.....	.....	.....	.....	.....	.....	.....	.....	14,827	37,283	58
9	6,776	1	780	17	8,928	.....	.....	1	130	1	200	.....	.....	.....	.....	7,065	49,351	59
5	1,850	.....	.....	39	10,310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41,223	82,200	60
10	15,356	.....	.....	17	6,897	72	18,000	.....	.....	.....	.....	30	6,103	.....	.....	87,662	183,743	61
27	26,634	.....	.....	386	238,685	.....	.....	2	300	.....	.....	.....	.....	.....	.....	808,803	1,263,294	62
7	6,525	1	800	103	52,917	.....	.....	.....	.....	.....	.....	.....	.....	1	25	518,099	700,217	63
3	2,309	.....	.....	11	8,039	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,404	19,960	64
18	11,750	.....	.....	186	62,851	.....	.....	4	688	3	900	.....	.....	.....	.....	62,866	203,242	65
110	116,727	.....	.....	530	292,406	8	2,053	8	1,296	.....	.....	.....	.....	2	260	751,907	2,206,366	66
8	13,700	.....	.....	99	61,240	15	4,680	.....	.....	.....	.....	.....	.....	.....	.....	64,200	179,000	67
24	13,768	.....	.....	24	15,478	.....	.....	.....	.....	1	100	.....	.....	.....	.....	16,434	57,198	68
26	21,615	1	387	51	23,186	2	600	6	1,296	2	1,040	.....	.....	.....	.....	68,977	152,166	69
502	419,935	3	1,476	9,945	2,875,447	11	1,112	23	3,269	293	81,932	2	100	4	500	13,670,811	21,013,016	70
183	192,835	2	1,100	2,524	1,338,642	.....	.....	4	900	2	700	.....	.....	.....	.....	2,566,791	4,943,451	71
61	63,945	.....	.....	712	422,122	.....	.....	2	460	22	18,093	.....	.....	.....	.....	442,986	1,143,932	72
348	351,049	.....	.....	6,990	3,433,101	.....	.....	.....	.....	10	3,076	.....	.....	.....	.....	6,137,437	11,330,950	73
22	18,786	.....	.....	65	33,519	10	2,470	10	2,912	11	6,292	7	2,700	.....	.....	149,780	268,631	74
5	4,000	3	3,900	.....	.....	34	11,090	.....	.....	.....	.....	3	250	.....	.....	67,727	101,116	75
35	24,104	103	52,169	8	6,739	361	122,351	1	50	.....	.....	.....	.....	.....	.....	466,320	920,351	76
43	21,187	1	750	68	28,352	1	25	4	745	.....	.....	.....	.....	.....	.....	61,066	189,905	77
8	10,625	.....	.....	10	8,281	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,720	26,735	78
52	39,871	.....	.....	95	53,290	.....	.....	.....	.....	2	225	.....	.....	.....	.....	127,056	297,976	79
4	3,520	.....	.....	5	4,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,232	13,555	80
4	3,955	.....	.....	5	2,090	.....	.....	.....	.....	10	850	.....	.....	.....	.....	51,730	97,640	81
8	24,300	1	900	90	41,738	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,140,450	1,547,719	82
2	2,040	.....	.....	8	5,784	.....	.....	1	312	.....	.....	.....	.....	.....	.....	13,960	32,050	83
358	278,113	6	1,956	1,294	695,335	.....	.....	5	1,214	98	55,787	.....	.....	.....	.....	606,979	2,048,710	84
16	14,800	1	500	42	30,886	4	1,628	.....	.....	.....	.....	.....	.....	.....	.....	297,852	463,049	85
47	35,847	4	1,262	55	23,344	7	1,195	1	34	2	520	1	125	2	25	61,590	286,621	86

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MINNESOTA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
87	Paving and paving materials	29	$544,566	$186,818	$92,940	$25,828	$68,050	$357,748	$18,809	1,209	$555,448
88	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	3	3,980	1,010	.....	.....	1,010	2,970	1,010	8	4,990
89	Photography	105	240,916	172,445	16,915	36,290	119,240	68,471	53,448	329	209,901
90	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	4	7,635	4,160	.....	.....	4,160	3,475	1,505	24	16,247
91	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	4	77,300	37,600	10,000	14,000	13,600	39,700	2,776	42	20,936
92	Plastering and stuccowork	116	174,347	73,212	29,400	26,300	22,512	96,135	14,361	903	450,886
93	Plumbing and gas fitting	82	1,088,400	144,637	28,200	33,000	83,437	923,763	100,661	1,293	866,592
94	Printing and publishing, book and job. (See also Bookbinding and blank-book making; Printing and publishing, music.)	82	1,048,380	671,575	20,000	94,574	557,001	376,805	116,692	1,083	680,451
95	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	341	3,693,259	1,789,318	93,725	286,775	1,408,818	1,903,941	891,956	2,630	1,707,637
96	Pumps, not including steam pumps	3	29,720	21,120	2,540	12,080	6,500	8,600	1,678	14	8,400
97	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	22	274,880	82,450	32,400	10,500	39,550	192,430	17,029	251	172,308
98	Saddlery and harness	232	1,168,715	302,200	86,265	139,935	76,000	866,515	67,149	876	467,927
99	Sausage. (See also Slaughtering.)	3	3,820	2,775	.....	.....	2,775	1,045	393	11	6,090
100	Sewing machine repairing	3	570	400	.....	.....	400	170	363	3	1,544
101	Shipbuilding	20	521,373	47,995	7,900	7,400	32,695	473,378	2,570	319	178,608
102	Shirts. (See also Furnishing goods, men's.)	11	50,427	4,922	.....	.....	4,922	45,505	8,765	173	78,173
103	Show cases	3	27,013	1,150	.....	.....	1,150	25,863	2,395	26	16,310
104	Slaughtering and meat packing, wholesale. (See also Sausage.)	13	696,746	357,000	190,700	124,100	42,200	339,746	56,350	235	141,088
105	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	5	44,600	19,800	10,000	6,000	3,800	24,800	4,103	28	21,768
106	Soap and candles. (See also Grease and tallow.)	5	213,838	124,800	52,800	35,600	36,400	89,038	27,818	84	40,712
107	Starch	6	94,250	75,200	4,600	41,100	29,500	19,050	10,631	83	34,223
108	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	3	10,225	1,450	.....	.....	1,450	8,775	395	20	14,668
109	Sugar and molasses, refining	10	58,817	8,430	210	210	8,010	50,387	26,678	53	18,685
110	Taxidermy	3	29,025	15,325	10,000	4,000	1,325	13,700	1,608	8	5,360
111	Timber products, not manufactured at mill.	75	11,121,863	9,213,865	8,396,805	.....	817,060	1,907,998	620,578	5,991	1,261,453
112	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	218	1,301,292	650,993	259,045	226,955	164,993	650,299	80,709	960	537,700
113	Tobacco, chewing, smoking, and snuff	4	41,100	10,600	.....	.....	10,600	30,500	11,286	23	10,754
114	Tobacco, cigars and cigarettes	157	755,076	141,562	89,150	29,635	22,777	613,514	174,003	1,056	566,635
115	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	5	36,965	10,665	.....	2,115	8,550	26,300	4,103	25	16,202
116	Trunks and valises. (See also Leather goods.)	8	107,512	24,718	5,000	9,000	10,718	82,794	7,888	74	43,584
117	Upholstery materials. (See also Woolen goods.)	4	111,950	87,150	28,100	20,350	38,700	24,800	9,149	70	23,692
118	Vinegar and cider	4	62,540	37,388	12,000	9,000	16,388	25,152	5,843	21	13,868
119	Washing machines and clothes wringers	7	12,382	6,405	250	1,680	4,475	5,977	872	16	7,006
120	Watch, clock, and jewelry repairing. (See also Jewelry.)	128	152,619	79,345	11,250	12,020	56,075	73,174	28,875	247	171,754
121	Windmills	3	42,331	10,800	2,000	500	8,300	31,531	4,724	46	21,629
122	Window shades	4	9,900	1,875	700	400	775	8,025	944	11	6,372
123	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	8	68,470	24,326	2,250	2,200	19,876	44,144	10,615	97	49,102
124	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	5	5,131	2,767	500	400	1,867	2,364	947	11	7,000
125	Woodenware, not elsewhere specified	7	125,385	72,255	21,880	27,250	23,125	53,130	10,394	120	63,800
126	Woolen goods. (See also Gloves and mittens; Hosiery and knit goods.)	21	563,771	374,861	143,350	114,175	117,336	188,910	46,211	341	120,967
127	All other industries (*a*)	87	3,786,662	2,351,256	982,026	610,318	758,912	1,435,406	2,751,616	1,711	837,295

a Embracee axle grease, 1; babbitt metal and solder, 1; bags, other than paper, 2; bells, 1; belting and hose, leather, 2; bicycle and tricycle repairing, 2; billiard tables and materials, 1; blacking, 1; bluing, 1; boot and shoe uppers, 1; carpets, wool, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 2; cars, street railroad, not including operations of railroad companies, 1; celluloid and celluloid goods, 2; clothing, horse, 1; clothing, women's, factory product, 2; cutlery and edge tools, 1; dyeing and finishing textiles, 1; electroplating, 2; emery wheels, 1; engraving, steel, including plate printing, 2; fertilizers, 1; files, 1; fish, canning and preserving, 2; flavoring extracts, 1; fuel, artificial, 1; furniture, chairs, 1; gas and lamp fixtures, 1; gas machines and meters, 1; h

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MINNESOTA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
50	$50,872	.....	.....	1,158	$503,876	.....	.....	.....	.....	1	$700	.....	.....	.....	.....	$519,522	$1,259,765	87
3	2,100	1	$950	3	1,740	1	$200	.....	.....	.....	.....	.....	.....	.....	.....	3,524	11,495	88
116	105,470	13	6,450	138	76,349	45	16,165	3	$640	10	3,620	4	$1,207	.....	.....	100,367	480,912	89
7	7,525	.....	.....	15	7,966	1	156	.....	.....	1	600	.....	.....	.....	.....	2,340	25,600	90
16	8,960	.....	.....	17	9,260	9	2,716	.....	.....	.....	.....	.....	.....	.....	.....	66,365	100,460	91
136	100,505	.....	.....	741	339,966	.....	.....	.....	.....	26	10,415	.....	.....	.....	.....	285,646	875,074	92
177	188,337	.....	.....	1,107	676,027	4	1,508	5	720	.....	.....	.....	.....	.....	.....	1,405,022	2,813,157	93
142	145,639	7	2,860	633	392,259	133	39,922	63	11,562	81	79,650	24	8,559	.....	.....	457,381	1,490,207	94
437	454,247	50	23,106	1,457	847,027	204	77,753	131	16,461	320	273,622	31	15,421	.....	.....	771,151	4,157,026	95
4	2,250	.....	.....	10	6,150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,590	22,042	96
33	37,253	.....	.....	213	133,553	.....	.....	5	1,500	.....	.....	.....	.....	.....	.....	284,092	519,993	97
227	146,254	2	880	455	228,306	18	6,252	10	698	155	83,377	9	2,160	.....	.....	780,164	1,587,866	98
3	2,580	1	260	7	3,250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23,798	34,232	99
2	712	.....	.....	1	832	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	325	2,300	100
11	9,924	.....	.....	308	168,684	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	322,412	542,440	101
28	28,932	1	312	19	11,760	32	10,420	.....	.....	5	1,825	88	24,924	.....	.....	74,565	204,988	102
4	3,170	.....	.....	22	13,140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,629	65,166	103
29	31,520	4	1,584	193	106,422	1	300	5	782	3	480	.....	.....	.....	.....	1,557,171	1,926,137	104
8	9,960	.....	.....	20	11,808	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	505,783	584,294	105
21	18,578	.....	.....	39	16,684	22	5,300	2	150	.....	.....	.....	.....	.....	.....	229,120	356,719	106
10	7,843	.....	.....	73	26,380	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	210,536	350,026	107
5	4,580	.....	.....	15	10,088	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,737	27,050	108
15	9,990	.....	.....	38	8,695	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	215,673	251,845	109
3	2,740	.....	.....	5	2,620	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	806	11,290	110
99	68,291	.....	.....	5,789	1,176,872	.....	.....	.....	.....	103	16,290	.....	.....	.....	.....	1,499,538	4,062,122	111
217	157,009	4	1,800	707	372,441	.....	.....	28	4,071	4	2,385	.....	.....	.....	.....	935,955	1,847,017	112
13	5,304	.....	.....	10	5,450	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,948	54,085	113
181	140,723	7	3,616	298	145,546	96	30,517	51	8,365	347	206,317	67	30,098	9	$1,453	599,211	1,554,774	114
10	7,192	.....	.....	15	9,010	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,652	51,440	115
15	15,150	.....	.....	51	26,360	3	468	.....	.....	5	1,606	.....	.....	.....	.....	51,151	134,644	116
.....	.....	.....	.....	70	23,692	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32,420	90,633	117
5	5,540	.....	.....	16	8,328	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,768	63,770	118
4	2,616	.....	.....	11	4,286	.....	.....	.....	.....	1	104	.....	.....	.....	.....	8,466	19,710	119
104	73,753	.....	.....	136	95,605	1	884	3	512	3	1,000	.....	.....	.....	.....	92,715	349,946	120
7	5,464	.....	.....	38	15,805	1	360	.....	.....	.....	.....	.....	.....	.....	.....	15,421	60,600	121
2	1,500	.....	.....	7	4,272	2	600	.....	.....	.....	.....	.....	.....	.....	.....	20,303	34,875	122
15	13,790	1	480	51	26,233	7	884	.....	.....	13	6,215	.....	.....	10	1,500	67,442	149,234	123
3	2,800	1	800	7	3,400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,635	12,485	124
12	10,460	1	420	93	41,400	.....	.....	.....	.....	14	11,520	.....	.....	.....	.....	80,510	184,611	125
24	18,305	1	720	168	63,581	76	14,915	1	06	1	100	70	23,250	.....	.....	309,378	539,995	126
149	149,633	9	3,428	1,228	570,236	89	22,048	45	6,892	163	77,765	22	6,993	6	300	3,383,345	7,882,879	127

hats, 2; house furnishing goods, not elsewhere specified, 2; instruments, professional and scientific, 1; iron and steel, 1; iron and steel, bolts, nuts, washers, and rivets, 1; jewelry, 1; kaolin and other earth grinding, 1; labels and tags, 1; lead, bar, pipe, and sheet, 1; leather goods, 2; liquors, distilled, 2; malt, 2; mantels, slate, marble, and marbleized, 1; mirrors, 1; mucilage and pastes, 1; musical instruments, pianos and materials, 1; oil, lubricating, 1; paper, 2; paper patterns, 2; pipes, tobacco, 1; plumbers' supplies, 2; pocketbooks, 1; printing and publishing, music, 1; printing materials, 1; pulp goods, 2; saws, 2; stationery goods, not elsewhere specified, 1; stencils and brands, 2; stoves, [illegible] and electretyping, 1; surgical appliances, 1; type founding, 1; typewriters and supplies, 1; umbrellas and canes, 2.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MINNESOTA—Continued.

BY COUNTIES.

[No manufactures reported from Cook and Lake counties.]

	COUNTIES.	Number of establishments reporting.	CAPITAL.					Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
1	The State	7,505	$127,686,618	$65,377,472	$27,332,889	$12,567,605	$25,476,978	$62,309,146	$12,136,612	79,629	$38,189,239
2	Aitkin	5	53,412	29,700	7,700	3,550	18,450	23,712	5,424	28	11,460
3	Anoka	52	1,040,018	546,854	148,400	119,160	279,285	493,173	80,296	614	260,483
4	Becker	11	109,450	75,308	15,581	12,630	47,097	34,142	3,164	81	13,475
5	Beltrami	4	51,063	7,900	300	1,400	6,200	43,163	920	64	7,485
6	Benton	15	328,428	118,035	45,710	23,325	49,000	210,393	25,733	211	80,392
7	Bigstone	15	75,260	40,965	8,425	8,415	24,125	34,295	2,598	72	43,343
8	Blue Earth	169	1,723,081	873,945	215,732	251,596	406,617	849,136	142,925	1,127	465,635
9	Brown	77	979,153	483,413	44,680	212,500	226,233	495,740	104,463	503	210,932
10	Carlton	21	3,942,705	2,442,558	1,404,956	200,905	836,697	1,500,147	170,063	1,356	448,404
11	Carver	55	640,899	376,843	148,261	76,905	151,677	264,056	36,969	678	182,407
12	Chippewa	16	134,860	89,030	21,775	27,580	39,675	45,830	5,458	38	17,716
13	Chisago	28	83,075	46,608	5,151	18,765	22,692	36,467	6,962	122	33,293
14	Clay	18	148,925	113,525	12,175	22,500	78,850	35,400	4,888	84	32,793
15	Cottonwood	18	68,852	51,137	5,390	15,115	30,632	17,715	5,497	43	14,344
16	Crow Wing	28	1,688,543	892,490	198,300	332,540	361,650	796,053	25,560	919	498,847
17	Dakota	99	1,674,118	1,143,968	264,486	544,099	335,383	530,150	2,662,922	733	423,297
18	Dodge	30	113,225	73,850	8,395	28,430	37,025	39,375	7,113	90	42,388
19	Douglas	30	120,680	90,317	10,917	22,475	56,925	30,363	6,364	120	25,446
20	Faribault	29	184,574	105,572	18,875	33,325	53,372	79,002	21,194	136	63,375
21	Fillmore	101	332,329	231,266	32,668	76,997	121,601	101,063	29,980	280	107,397
22	Freeborn	69	294,797	189,507	46,285	70,255	72,907	105,290	15,585	275	103,542
23	Goodhue	75	823,835	512,426	103,263	162,192	246,971	311,409	71,833	578	244,032
24	Grant	5	15,560	6,125	700	1,725	3,700	9,435	943	8	3,756
25	Hennepin	2,817	53,359,705	27,673,222	13,782,847	4,626,367	9,264,008	25,686,483	4,244,109	33,000	16,512,875
26	Houston	44	209,869	136,230	16,435	43,250	76,545	73,639	48,618	166	56,920
27	Hubbard	8	88,160	61,525	7,350	29,900	24,275	26,635	6,517	41	8,695
28	Isanti	8	17,844	13,510	935	2,815	9,700	4,334	1,202	27	5,097
29	Jackson	15	45,983	39,420	2,260	12,600	24,560	6,563	6,118	50	21,159
30	Kanabec	3	23,350	12,875	100	1,925	10,850	10,475	2,606	28	6,872
31	Kandiyohi	22	110,912	56,360	9,360	17,390	29,610	54,552	6,319	82	30,855
32	Kittson	9	17,110	12,570	2,200	5,475	4,895	4,540	642	22	6,798
33	Lac qui Parle	8	16,765	13,390	220	3,200	9,970	3,375	1,497	15	6,754
34	Lesueur	57	499,108	289,051	59,020	68,826	161,205	210,057	44,091	441	138,233
35	Lincoln	7	25,165	20,425	1,800	9,450	9,175	4,740	1,333	11	4,518
36	Lyon	34	114,384	76,280	11,625	28,280	36,375	38,104	7,662	106	40,908
37	McLeod	41	171,820	112,370	15,250	31,575	65,545	59,450	11,154	117	44,554
38	Marshall	13	115,515	73,872	5,550	23,675	44,647	41,643	11,603	45	19,302
39	Martin	16	32,155	15,080	1,810	3,780	9,490	17,075	4,627	44	10,014
40	Meeker	35	172,890	109,115	18,210	25,725	65,180	63,775	12,212	122	39,214
41	Millelacs	4	366,550	164,550	94,800	25,750	44,000	202,000	13,857	199	51,700
42	Morrison	43	719,392	382,438	53,352	105,520	223,566	336,954	40,886	584	152,330
43	Mower	78	239,216	127,355	19,917	42,225	65,213	111,861	17,362	308	124,892
44	Murray	9	53,325	37,750	9,980	8,320	19,450	15,575	6,229	48	13,317
45	Nicollet	26	250,860	112,370	19,350	30,500	62,520	138,490	42,726	220	68,797
46	Nobles	20	48,110	34,405	9,200	9,350	15,855	13,705	2,455	48	17,675
47	Norman	11	29,780	17,985	3,325	5,225	9,435	11,795	2,370	17	6,942
48	Olmsted	110	430,799	286,097	39,101	94,660	152,336	144,702	27,246	417	160,650
49	Ottertail	109	737,130	469,809	84,279	139,220	246,310	267,321	78,623	537	187,226
50	Pine	10	985,573	437,515	265,000	30,175	142,340	548,058	39,528	340	107,820
51	Pipestone	12	26,490	13,085	1,200	4,650	7,235	13,405	2,142	22	10,838
52	Polk	57	1,145,990	608,538	110,556	130,256	358,727	537,452	73,548	464	168,967
53	Pope	6	17,960	14,535	1,375	3,325	9,835	3,425	1,102	11	3,969
54	Ramsey	1,462	23,517,294	10,245,407	2,996,467	1,832,722	5,416,218	13,271,887	1,792,273	19,154	10,697,926
55	Redwood	17	65,313	59,050	15,600	11,750	31,700	6,263	3,861	39	12,839
56	Renville	35	114,381	80,635	6,110	24,525	50,000	33,746	5,794	63	24,149
57	Rice	134	1,239,521	614,075	93,125	212,222	308,728	625,446	97,490	816	388,524
58	Rock	22	59,350	30,810	5,150	12,850	21,810	19,540	5,859	48	19,986
59	St. Louis	300	7,992,492	4,765,545	2,609,147	497,030	1,599,368	3,226,947	518,014	5,160	2,435,021
60	Scott	50	348,897	257,048	27,215	113,040	116,793	91,849	37,789	278	96,331
61	Sherburne	12	125,025	91,150	22,675	41,650	26,825	33,875	13,038	51	21,866
62	Sibley	39	193,603	134,200	11,670	42,660	79,870	59,403	13,220	175	69,723
63	Stearns	126	1,622,734	1,102,501	471,934	224,385	406,182	520,233	197,023	1,196	443,308
64	Steele	65	344,180	121,357	22,815	45,225	53,317	222,823	35,591	260	120,401
65	Stevens	5	23,300	19,200	2,800	4,200	12,200	4,100	1,438	20	4,983
66	Swift	19	94,855	64,075	14,060	15,185	34,830	30,780	6,684	69	22,380

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MINNESOTA—Continued.

BY COUNTIES.

[No manufactures reported from Cook and Lake counties.]

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
8,617	$7,253,680	1,222	$564,436	59,610	$26,517,634	4,176	$1,187,726	653	$92,223	3,912	$2,171,874	1,332	$395,717	107	$5,949	$118,481,941	$192,033,478	1
3	2,760	.....	.....	25	8,700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,013	39,043	2
37	30,411	3	1,404	490	195,099	4	1,089	.....	.....	74	30,914	6	1,566	.....	.....	1,467,870	2,008,998	3
7	2,414	.....	.....	73	10,911	1	150	.....	.....	.....	.....	.....	.....	.....	.....	54,835	86,109	4
1	300	.....	.....	61	6,960	2	225	.....	.....	.....	.....	.....	.....	.....	.....	11,340	27,268	5
19	11,728	.....	.....	180	57,374	2	350	4	640	6	10,300	.....	.....	.....	.....	132,097	277,446	6
10	7,428	.....	.....	62	35,915	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	166,718	231,333	7
177	120,913	19	7,656	788	307,432	50	9,208	22	2,807	36	16,256	5	1,213	30	150	2,323,703	3,367,320	8
69	47,292	.....	.....	357	141,048	13	2,279	18	2,178	45	17,935	.....	.....	1	200	1,836,271	2,396,683	9
32	32,374	.....	.....	1,229	399,048	1	120	7	512	87	16,350	.....	.....	.....	.....	1,669,612	2,472,492	10
61	28,186	.....	.....	553	147,047	4	618	52	3,556	8	3,000	.....	.....	.....	.....	394,587	683,180	11
12	6,566	.....	.....	25	10,890	.....	.....	.....	.....	1	200	.....	.....	.....	.....	105,765	150,524	12
20	10,815	.....	.....	100	22,428	2	50	.....	.....	.....	.....	.....	.....	.....	.....	75,701	132,497	13
14	9,366	.....	.....	58	19,811	1	450	5	316	6	2,850	.....	.....	.....	.....	54,505	106,564	14
13	5,266	.....	.....	29	8,990	.....	.....	1	84	.....	.....	.....	.....	.....	.....	90,078	121,281	15
52	37,315	.....	.....	847	452,882	.....	.....	9	2,550	10	6,000	1	100	.....	.....	897,735	1,603,173	16
120	103,855	7	2,644	582	312,433	23	4,215	1	150	.....	.....	.....	.....	.....	.....	1,702,103	5,281,292	17
29	14,032	.....	.....	60	28,044	1	312	.....	.....	.....	.....	.....	.....	.....	.....	166,811	237,752	18
26	7,298	.....	.....	91	17,742	1	200	.....	.....	.....	.....	.....	.....	2	200	101,207	161,705	19
32	19,949	.....	.....	90	42,256	1	520	.....	.....	13	650	.....	.....	.....	.....	373,278	500,970	20
64	25,321	.....	.....	195	77,269	10	1,216	2	196	9	3,395	.....	.....	.....	.....	555,639	760,828	21
53	28,736	10	3,160	173	62,472	27	5,496	.....	.....	12	3,678	.....	.....	.....	.....	295,575	477,693	22
73	51,606	.....	.....	422	158,115	20	4,800	10	826	51	28,385	2	300	.....	.....	1,203,983	1,732,774	23
3	1,820	.....	.....	4	1,836	.....	.....	1	100	.....	.....	.....	.....	.....	.....	2,931	10,605	24
3,439	3,282,528	739	377,409	24,450	11,242,528	1,790	485,958	205	34,663	1,623	887,071	681	199,668	23	2,450	56,178,601	87,059,615	25
37	15,189	.....	.....	87	29,566	7	985	4	200	31	16,980	.....	.....	.....	.....	731,128	953,233	20
5	2,400	.....	.....	36	6,295	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63,682	90,405	27
5	1,547	.....	.....	22	3,550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49,247	64,703	28
9	4,590	2	900	38	15,565	1	104	.....	.....	.....	.....	.....	.....	.....	.....	35,060	71,964	29
4	1,594	.....	.....	24	5,278	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,930	28,000	30
20	11,066	.....	.....	58	19,040	.....	.....	2	125	2	924	.....	.....	.....	.....	186,478	256,210	31
7	3,940	.....	.....	12	2,572	.....	.....	3	286	.....	.....	.....	.....	.....	.....	9,466	19,338	32
6	3,284	.....	.....	9	3,470	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56,172	75,334	33
62	27,678	.....	.....	354	100,331	.....	.....	2	400	23	9,824	.....	.....	.....	.....	599,264	885,932	34
3	1,293	.....	.....	7	2,925	1	300	.....	.....	.....	.....	.....	.....	.....	.....	31,828	44,325	35
29	14,004	1	420	67	24,670	1	250	5	880	.....	.....	2	624	1	60	157,440	235,866	36
25	11,632	.....	.....	85	31,593	1	104	.....	.....	6	1,225	.....	.....	.....	.....	145,440	254,477	37
13	6,099	.....	.....	31	12,663	1	540	.....	.....	.....	.....	.....	.....	.....	.....	103,727	143,200	38
9	4,804	.....	.....	24	9,870	2	592	.....	.....	9	3,748	.....	.....	.....	.....	44,977	79,464	39
25	10,602	.....	.....	91	27,530	1	50	.....	.....	4	832	1	200	.....	.....	132,308	227,756	40
6	6,600	.....	.....	193	45,100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	217,418	301,060	41
43	24,220	.....	.....	537	126,860	3	1,050	.....	.....	1	200	.....	.....	.....	.....	1,007,026	1,398,007	42
74	45,044	5	1,902	167	66,443	23	4,675	12	600	18	4,448	9	1,780	.....	.....	431,765	654,851	43
5	3,028	.....	.....	42	10,170	.....	.....	.....	.....	1	119	.....	.....	.....	.....	34,155	73,858	44
22	18,646	1	520	142	47,489	.....	.....	13	542	2	1,200	15	200	25	200	502,718	669,869	45
17	9,680	.....	.....	30	7,820	.....	.....	1	175	.....	.....	.....	.....	.....	.....	14,810	49,350	46
5	1,812	.....	.....	12	5,130	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,814	51,904	47
98	43,225	9	2,515	252	92,080	21	4,715	5	699	25	11,208	6	1,183	1	25	446,969	706,350	48
56	22,398	2	728	430	144,520	13	3,272	4	800	31	15,308	1	200	.....	.....	916,476	1,432,630	49
23	18,215	.....	.....	316	89,455	.....	.....	.....	.....	1	150	.....	.....	.....	.....	326,382	634,890	50
10	6,208	.....	.....	12	4,630	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23,943	40,324	51
57	42,788	2	572	375	114,701	10	2,326	4	280	14	7,700	2	600	.....	.....	707,441	1,106,420	52
4	1,134	.....	.....	7	2,835	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33,203	41,885	53
2,047	1,884,690	252	116,186	13,191	7,110,810	1,802	577,366	172	29,175	1,127	800,663	547	176,892	16	2,144	16,871,391	34,550,810	54
12	6,020	.....	.....	26	6,519	.....	.....	.....	.....	.....	.....	1	300	.....	.....	63,263	96,221	55
16	6,558	.....	.....	45	17,287	.....	.....	2	304	.....	.....	.....	.....	.....	.....	185,502	250,611	56
101	81,724	21	10,272	568	258,273	59	11,060	6	630	56	25,653	5	912	.....	.....	2,420,285	3,315,931	57
13	5,779	.....	.....	34	14,082	1	125	.....	.....	.....	.....	.....	.....	.....	.....	42,700	80,402	58
408	345,677	49	17,485	4,443	1,970,894	131	36,188	16	2,370	119	61,270	3	1,137	.....	.....	6,414,090	10,532,293	59
59	25,106	.....	.....	185	57,936	1	85	2	124	27	12,960	.....	.....	4	120	700,452	933,214	60
11	7,211	.....	.....	40	14,655	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	189,487	224,621	61
34	23,024	.....	.....	134	43,599	.....	.....	.....	.....	7	3,100	.....	.....	.....	.....	530,907	697,595	62
120	87,408	5	3,000	927	294,383	19	4,626	10	1,322	113	52,259	2	400	.....	.....	2,500,359	3,590,911	63
61	37,884	3	1,210	172	73,828	6	904	1	75	16	6,300	1	200	.....	.....	440,692	710,456	64
2	975	.....	.....	14	3,800	4	208	.....	.....	.....	.....	.....	.....	.....	.....	23,050	43,850	65
9	4,599	.....	.....	59	17,656	.....	.....	.....	.....	1	125	.....	.....	.....	.....	132,502	191,355	66

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MINNESOTA—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
67	Todd	40	$193,520	$118,196	$15,802	$18,845	$83,549	$75,324	$11,538	328	$50,302
68	Traverse	5	9,229	4,550	950	1,350	2,250	4,679	758	6	2,624
69	Wabasha	69	448,609	227,785	31,705	76,415	119,665	220,824	33,384	262	122,596
70	Wadena	11	63,110	38,423	2,806	7,280	28,337	24,687	3,452	87	18,819
71	Waseca	48	364,619	199,789	12,365	57,885	129,539	164,830	29,242	169	74,592
72	Washington	53	5,685,940	1,928,195	779,400	454,375	694,420	3,757,745	493,805	1,937	728,921
73	Watonwan	19	81,495	49,015	12,460	20,330	16,225	32,480	2,510	44	22,569
74	Wilkin	6	7,125	3,750	575	400	2,775	3,375	782	8	4,043
75	Winona	275	9,100,116	4,389,129	2,145,226	938,779	1,305,124	4,710,987	605,679	3,275	1,293,592
76	Wright	79	315,515	226,412	41,550	47,210	137,652	89,103	16,440	326	76,285
77	Yellow Medicine	8	46,078	33,900	2,650	14,250	17,000	12,178	2,710	28	12,223
78	All other counties (*a*)	4	931,565	601,215	505,040	23,250	72,925	330,350	13,000	129	54,023

a Includes establishments distributed as follows: Cass, 1; Itasca, 3.

MISSISSIPPI.

BY SPECIFIED INDUSTRIES.

1	All industries	1,698	14,896,884	9,989,714	2,006,782	2,447,028	5,535,904	4,907,170	827,627	15,817	4,913,863
2	Agricultural implements	3	33,980	16,600	5,100	4,000	7,500	17,380	706	26	9,950
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	140	90,644	52,932	12,157	20,303	20,472	37,712	6,688	222	76,431
4	Boots and shoes, custom work and repairing.	35	29,883	11,585	2,800	3,740	5,045	18,298	4,888	57	25,529
5	Bread and other bakery products	17	74,312	52,470	15,150	31,100	6,220	21,842	6,570	80	33,007
6	Brick and tile. (See also Clay and pottery products.)	33	196,745	115,300	36,425	36,320	42,555	81,445	11,053	696	134,073
7	Carpentering	71	174,987	47,614	15,535	19,875	12,204	127,373	27,704	411	206,646
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	39	151,147	67,480	17,275	27,750	22,455	83,667	6,554	190	85,454
9	Cars and general shop construction and repairs by steam railroad companies.	5	612,744	489,675	98,050	176,100	215,525	123,069	.....	1,094	696,673
10	Clay and pottery products. (See also Brick and tile.)	3	50,140	33,380	10,850	12,000	10,530	16,760	511	46	24,960
11	Clothing, men's, custom work and repairing.	14	29,330	1,975	200	300	1,475	27,355	2,677	55	31,708
12	Clothing, women's, dressmaking	10	2,640	1,635	100	500	1,035	1,005	2,040	40	14,586
13	Coffins and burial cases, trimming and finishing.	5	5,830	3,250	1,125	1,700	425	2,580	563	9	3,920
14	Confectionery	7	77,190	37,400	6,000	12,000	19,400	39,790	8,094	78	31,686
15	Cotton, compressing	7	509,848	508,500	141,000	145,000	222,500	1,348	12,520	206	62,863
16	Cotton, ginning	130	211,829	202,785	29,403	54,105	119,277	9,044	7,961	594	51,831
17	Cotton goods	9	2,053,743	1,313,020	77,199	342,895	892,926	740,723	57,622	1,184	290,981
18	Dentistry, mechanical	6	10,485	5,250	150	350	4,750	5,235	1,002	8	3,228
19	Fertilizers	3	180,532	42,600	8,000	17,600	17,000	137,932	6,650	68	13,248
20	Flouring and grist mill products	408	652,663	582,979	73,216	154,487	355,276	69,684	25,002	980	125,293
21	Foundry and machine shop products	18	389,700	170,050	52,100	44,500	73,450	219,650	34,884	291	168,244
22	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	7	3,045	1,075	.....	.....	1,075	1,970	984	11	4,284
23	Ice, artificial	8	196,150	167,150	12,350	38,100	116,700	29,000	12,914	115	50,120
24	Leather, tanned and curried	4	14,220	7,225	1,125	3,650	2,450	6,995	818	13	4,046
25	Lock and gun smithing	7	6,910	5,450	1,300	1,500	2,650	1,460	1,139	8	3,446
26	Lumber and other mill products from logs or bolts.	338	4,433,229	3,092,684	926,538	441,355	1,724,791	1,340,545	205,833	4,434	1,287,391
27	Lumber, planing mill products, including sash, doors, and blinds. (See also Wood, turned and carved.)	8	93,002	47,482	17,875	8,360	21,247	45,520	4,584	103	53,121
28	Masonry, brick and stone. (See also Plastering and stuccowork.)	16	87,596	13,936	3,325	8,400	2,211	73,660	19,326	226	121,848
29	Mattresses and spring beds. (See also Furniture, cabinetmaking, repairing and upholstering; Furniture, factory product.)	4	6,965	2,290	100	500	1,690	4,675	911	10	4,744
30	Millinery, custom work	18	81,895	47,465	17,500	28,400	1,565	34,430	5,736	60	21,333
31	Mineral and soda waters	8	58,395	45,600	500	1,100	44,000	12,795	3,153	55	23,803

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MINNESOTA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
30	$9,010			293	$41,017	3	$197	2	$78							$125,345	$233,658	67
2	1,040			2	884					2	$700					2,421	7,960	68
64	39,185			177	77,176	8	1,865			13	4,370					648,815	873,379	69
11	2,134			69	15,625	1	260			4	700	2	$100			66,793	103,722	70
47	23,874			111	46,450			1	60	8	3,706	2	508			1,116,405	1,308,428	71
164	122,863	6	$3,922	1,737	581,244	22	4,840	2	275	36	10,118	30	5,659			1,807,156	3,456,636	72
18	11,471			25	10,948	1	150									31,259	64,677	73
6	3,143			1	600	1	300									1,993	9,560	74
325	236,390	36	12,531	2,548	930,732	78	13,073	45	4,045	231	94,446	8	1,975	4	$406	6,515,313	9,192,076	75
60	25,549			260	46,976	1	266	2	200	3	306					330,527	496,272	76
9	4,243			19	7,980											110,642	137,650	77
3	2,124			126	51,899											279,667	409,406	78

MISSISSIPPI.

BY SPECIFIED INDUSTRIES.

1,324	710,313	28	11,796	11,679	3,717,054	829	197,458	683	68,834	641	121,196	467	64,068	226	23,144	16,664,867	18,705,834	1
5	3,010			21	6,940											9,640	26,474	2
90	36,650			128	39,421			3	270	1	90					40,976	154,707	3
24	9,639			28	12,670	1	200			4	3,126					19,499	57,433	4
18	9,386	4	2,064	51	21,135	1	84	6	344							83,717	144,852	5
28	11,634			563	106,932			45	3,107	60	12,400					61,643	295,939	6
67	40,751			350	165,395			4	500							361,494	688,375	7
34	19,902			150	64,204			3	648	3	700					73,842	189,437	8
18	19,580			1,076	677,693											632,870	1,329,549	9
8	7,000			32	16,600			5	600	1	780					11,457	44,000	10
13	7,777			15	7,360	6	1,632			19	14,471	2	468			33,409	79,841	11
		4	2,486			36	12,100									12,031	34,244	12
6	2,288			3	1,632											1,943	8,100	13
21	15,100	3	920	45	14,676	6	624	1	110	2	250					78,459	129,825	14
21	15,905			181	46,898			4	60							7,599	104,860	15
47	8,332			509	42,337	1	120	13	437	24	605					23,647	130,387	16
30	26,984			466	139,253	265	60,724	237	19,127	44	12,585	133	24,658	69	7,656	871,970	1,333,398	17
6	2,964			2	264											1,340	7,550	18
6	2,100			52	11,148											277,005	326,650	19
203	37,243			733	86,011	1	80	2	91	37	1,764	3	78	1	26	1,009,335	1,249,669	20
36	36,482	1	600	243	128,774	1	400	6	788	4	1,200					307,257	691,951	21
7	3,638			3	586			1	60							3,959	10,794	22
13	9,756			100	40,014			2	350							18,805	128,680	23
3	1,289			10	2,757											15,203	22,077	24
7	3,146			1	300											1,098	6,400	25
369	157,767	1	220	4,022	1,110,260	6	834	33	4,620	43	11,950	15	1,500	5	300	2,852,530	5,670,774	26
11	10,431			90	42,090					2	600					59,170	136,450	27
11	9,767			213	111,977			2	164							218,111	395,498	28
3	2,000			5	2,456	1	192	1	96							7,453	14,607	29
5	3,708	13	4,856			38	12,649	2	120			2	660			40,608	79,325	30
11	9,434			30	12,249			14	2,180							26,313	83,651	31

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY MISSISSIPPI—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
32	Monuments and tombstones. (See also Marble and stone work.)	3	$11,600	$6,600	$6,000	$300	$300	$5,000	$1,135	10	$5,977
33	Oil, cottonseed and cake	13	1,497,746	1,131,154	149,954	444,100	537,100	366,592	186,754	921	242,995
34	Oysters, canning and preserving	3	132,940	54,000	4,000	32,000	18,000	78,940	33,450	398	69,925
35	Painting and paper hanging	11	20,545	4,570	1,575	770	2,225	15,975	2,509	88	48,889
36	Photography	11	21,430	16,130	3,600	4,400	8,130	5,300	2,864	16	10,670
37	Plastering and stuccowork. (See also Masonry, brick and stone.)	7	9,547	4,372	1,250	1,800	1,322	5,175	1,854	69	39,617
38	Plumbing and gas fitting	4	23,550	2,050	.....	.....	2,050	21,500	2,945	45	23,664
39	Printing and publishing, book and job	4	9,910	7,550	.....	.....	7,550	2,360	725	10	4,394
40	Printing and publishing, newspapers and periodicals.	114	297,757	198,495	10,105	19,705	168,685	99,262	45,505	384	158,038
41	Saddlery and harness	13	104,585	52,675	19,075	26,675	6,925	51,910	5,670	50	21,720
42	Shipbuilding	9	8,554	6,796	2,200	1,410	3,186	1,758	157	47	15,742
43	Sugar and molasses, refining	9	1,067	1,067	117	428	522	.....	.....	39	2,153
44	Tar and turpentine	24	173,698	116,318	87,050	.....	29,268	57,380	9,754	645	117,626
45	Timber products, not manufactured at mill.	28	65,559	24,479	15,788	.....	8,691	41,080	10,649	317	45,863
46	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	18	88,103	45,928	15,120	17,900	12,908	42,175	3,828	98	54,624
47	Watch, clock, and jewelry repairing	20	24,600	18,475	5,050	5,200	8,225	6,125	3,697	29	16,690
48	Woolen goods	7	1,553,455	876,030	64,650	201,950	609,430	677,425	18,054	1,082	306,270
49	All other industries (a)	19	332,459	236,188	38,800	54,400	142,988	96,271	18,990	209	64,479

a Embraces bags, other than paper, 1; brooms and brushes, 1; clothing, men's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; druggists' preparations, not including prescriptions, 1; dyeing and cleaning, 1; fruits and vegetables, canning and preserving, 2; furniture, factory product, 2; gas,

BY COUNTIES.

[No manufactures reported from Issaquena county.]

1	The State	1,698	14,896,884	9,989,714	2,006,782	2,447,028	5,535,904	4,907,170	827,627	15,817	4,913,863
2	Adams	116	1,255,869	708,403	115,049	198,997	394,357	547,466	71,663	1,042	373,623
3	Alcorn	29	235,316	96,581	9,331	30,125	57,125	138,735	15,438	243	89,872
4	Amite	105	115,015	101,759	23,895	23,335	54,529	13,256	4,680	437	57,762
5	Attala	17	28,436	21,712	3,237	4,975	13,500	6,724	1,212	73	14,913
6	Benton	31	76,284	61,825	11,325	7,900	42,600	14,459	2,768	204	44,890
7	Bolivar	13	95,131	44,775	14,620	5,190	24,965	50,356	3,797	113	35,612
8	Calhoun	10	19,286	18,436	3,547	5,159	9,730	850	794	19	2,960
9	Carroll	14	16,905	13,900	575	2,725	10,600	3,005	1,251	54	9,700
10	Chickasaw	37	74,220	60,955	7,045	10,290	43,620	13,265	1,921	148	17,040
11	Choctaw	5	5,810	3,135	360	950	1,825	2,675	88	7	1,859
12	Claiborne	4	290,497	209,750	12,500	36,000	161,250	80,747	10,813	180	40,312
13	Clarke	27	352,989	240,871	16,587	76,350	147,934	112,118	16,862	327	63,401
14	Clay	15	30,695	23,575	585	3,850	19,140	7,120	1,810	52	8,511
15	Coahoma	14	154,092	120,770	5,605	42,570	72,595	33,322	20,127	131	39,475
16	Copiah	41	2,353,552	1,305,891	127,261	288,225	890,405	1,047,661	30,363	1,641	462,183
17	Covington	10	15,410	14,660	3,480	5,800	5,380	750	1,055	20	2,822
18	De Soto	25	70,178	49,298	8,631	11,327	29,340	20,880	3,223	148	31,970
19	Greene	12	12,466	11,189	4,433	500	6,256	1,277	1,005	63	5,072
20	Grenada	8	40,680	34,010	2,260	7,450	24,300	6,670	2,820	57	14,180
21	Hancock	15	251,190	112,252	30,463	22,060	59,729	138,938	13,063	467	107,890
22	Harrison	7	139,605	58,115	4,075	32,390	21,650	81,490	34,087	410	73,887
23	Hinds	58	357,311	284,002	52,885	72,540	158,577	73,309	15,362	423	150,763
24	Holmes	11	52,095	34,865	2,735	8,050	24,080	17,230	3,730	69	17,409
25	Itawamba	20	30,905	28,175	3,545	6,925	17,705	2,730	1,112	48	7,130
26	Jackson	14	889,144	520,613	124,430	182,050	214,133	368,537	41,423	568	157,969
27	Jasper	26	32,330	28,160	7,775	5,015	15,370	4,170	1,319	62	7,195
28	Jefferson	7	20,975	16,690	2,500	0,750	7,440	4,285	1,701	52	21,373
29	Jones	18	358,029	273,962	85,260	29,911	158,791	84,067	13,088	356	118,152
30	Kemper	24	34,118	33,255	1,800	9,105	22,350	863	1,087	65	8,713
31	Lafayette	11	18,170	17,120	2,820	3,200	11,100	1,050	570	37	5,040
32	Landerdale	90	990,879	528,429	110,137	113,255	305,037	462,450	99,558	1,151	422,579
33	Lawrence	14	23,705	21,755	7,015	4,380	10,360	1,950	1,250	31	4,779
34	Leake	15	17,660	17,135	1,910	2,825	12,400	525	877	49	6,341
35	Lee	25	63,937	46,577	4,955	7,610	34,012	17,360	3,330	155	33,262
36	Leflore	12	33,250	26,675	3,050	7,450	16,175	6,575	1,208	88	7,428
37	Lincoln	31	524,576	407,610	135,095	25,460	247,055	116,966	27,774	477	154,924
38	Lowndes	13	222,605	154,118	15,350	55,423	83,345	68,487	4,421	121	32,995
39	Madison	18	43,553	28,210	4,310	8,275	15,625	15,343	2,907	60	10,351
40	Marion	16	110,408	88,433	46,783	6,050	35,600	21,975	5,188	177	47,705
41	Marshall	36	109,178	79,600	15,800	28,105	35,695	29,578	3,745	135	43,847

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MISSISSIPPI—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2	$1,404			8	$4,573											$5,250	$17,261	32
30	31,856			865	205,074	26	$6,065									1,757,807	2,406,628	33
7	6,625			50	16,600	10	1,050			121	$18,700	115	$15,150	95	$11,800	153,967	334,250	34
7	4,298			81	44,591											28,950	97,420	35
11	8,791			2	1,420	1	240	2	$219							6,130	27,600	36
6	4,658			63	34,959											22,049	68,900	37
7	5,644			38	18,020											25,924	67,337	38
4	1,857			4	2,287					2	250					3,397	9,840	39
85	53,865	2	$650	209	84,646	28	7,263	46	4,065	13	7,041	1	508			71,759	384,797	40
12	6,182			35	14,838					3	700					33,880	82,283	41
2	764			43	14,178					2	800					7,495	26,425	42
4	402			21	1,217			4	92	7	364	3	78			6,718	11,170	43
25	11,184			429	88,465					86	11,184	51	3,485	54	3,308	102,902	282,066	44
14	5,654			161	25,636					142	14,573					15,268	99,613	45
14	10,370			72	41,502			11	2,572	1	180					83,119	162,385	46
15	7,900			14	8,790											3,730	33,440	47
13	11,280			389	151,416	384	92,800	224	27,742	13	6,369	59	16,663			508,039	924,185	48
15	13,976			133	47,516	17	1,001	12	532	7	520	23	880	2	60	66,134	194,728	49

illuminating and heating, 2; looking-glass and picture frames, 1; marble and stone work, 1; paving and paving materials, 1; roofing and roofing materials, 2; wood, turned and carved, 1.

BY COUNTIES.

[No manufactures reported from Issaquena county.]

1,324	710,313	28	11,796	11,679	3,717,054	829	197,458	683	68,834	641	121,196	407	64,068	226	23,144	10,064,897	18,705,834	1
133	92,532	9	3,154	547	205,760	109	29,881	85	8,556	51	13,930	69	13,960	39	5,850	615,204	1,238,733	2
34	23,674			176	59,397	15	3,050	11	776	7	2,975					175,835	344,641	3
33	11,788			297	42,713			6	247	101	3,014					89,517	200,655	4
12	2,302			59	12,441			2	170							26,406	50,907	5
13	2,613			190	42,227					1	50					95,028	177,398	6
16	9,318			97	26,294											53,537	130,945	7
6	1,268			13	1,692											11,417	17,317	8
8	3,280			45	6,356			1	64							10,104	25,449	9
34	5,391			109	10,949	3	500			2	200					45,949	77,653	10
4	1,234			2	525			1	100							1,523	4,290	11
9	5,472			86	26,676	48	6,240	37	1,924							197,546	254,255	12
25	12,160			150	34,207	6	1,224	42	3,272	7	1,090	67	9,648	30	1,800	168,992	266,899	13
4	1,872			45	6,105	2	484			1	50					23,612	36,580	14
16	11,250			112	27,905	1	100	2	220							190,524	339,887	15
26	20,012			795	273,873	444	109,773	272	30,027	20	8,625	79	19,573	5	300	891,843	1,563,239	16
7	1,447			13	1,375											17,655	23,360	17
23	6,090			118	25,330			2	250	5	300					48,518	110,115	18
5	969			38	3,035					20	1,068					7,100	17,793	19
4	1,880			52	12,050	1	250									14,951	37,438	20
28	14,947			370	84,299	4	500			35	7,194	11	437	19	513	238,298	469,027	21
9	7,535			54	18,120	11	1,530	3	252	123	19,500	115	15,150	95	11,800	157,536	345,045	22
55	31,725	1	400	350	113,197	13	5,000	3	191	1	250					323,663	579,462	23
6	2,190			62	14,789	1	430									23,516	50,559	24
7	1,260			36	5,755					5	115					22,893	34,276	25
20	15,734			484	136,777			1	50	36	2,840	27	2,568			301,570	618,255	26
8	1,341			45	5,523			1	39	8	292					32,879	48,446	27
				48	20,753	4	620									24,002	50,234	28
24	21,344			323	96,398			2	240	3	50			4	120	261,869	453,586	29
4	1,176	1	400	56	6,837			4	300							32,102	53,770	30
3	412			34	4,628											10,441	21,905	31
104	78,707	7	3,300	881	314,452	42	7,204	51	5,046	64	13,270	2	600			1,133,400	1,896,512	32
6	1,421			25	3,358											15,383	23,864	33
12	1,980			37	4,301											22,401	37,302	34
4	1,145			145	31,257			6	860							49,732	123,825	35
3	984			85	6,444											3,952	24,225	36
25	13,567			431	136,988	3	504	7	790	11	3,075					468,964	863,011	37
9	5,513			67	20,393	21	4,510	24	2,579							90,677	141,397	38
11	2,885			48	7,414			1	52							20,636	46,939	39
20	7,118			153	40,092					1	350	2	120	1	25	81,588	185,324	40
21	12,104	1	312	103	28,731	4	1,320	5	600	1	780					43,791	121,075	41

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MISSISSIPPI—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
42	Menree	27	$170,687	$133,407	$13,920	$27,380	$92,107	$37,280	$6,299	162	$35,881
43	Montgomery	20	44,549	33,650	5,015	7,180	21,455	10,899	2,807	08	20,641
44	N sheba	13	21,410	18,705	6,405	6,975	5,325	2,705	638	32	4,805
45	Newton	24	35,970	32,480	2,915	7,155	22,410	3,490	1,338	81	10,136
46	Nexubee	34	103,693	81,166	9,970	17,800	53,396	22,527	4,976	122	18,154
47	Oktibbeha	16	52,315	43,255	11,595	8,385	23,275	9,060	891	53	12,002
48	Panola	18	42,463	27,360	2,775	7,175	17,350	15,163	5,190	61	14,138
49	Pearl River	6	163,475	135,200	63,500	9,300	62,400	28,275	8,769	215	64,682
50	Perry	5	383,490	324,795	136,070	24,995	163,730	58,695	9,175	169	99,223
51	Pike	61	459,576	364,865	65,200	67,510	232,155	94,711	15,056	890	462,797
52	Pontotoc	9	10,980	10,110	935	1,575	7,600	870	481	15	1,498
53	Prentiss	36	80,955	65,070	7,420	7,420	50,230	15,885	5,375	183	32,066
54	Quitman	3	13,969	4,789	3,114	325	1,350	9,120	1,203	18	5,020
55	Rankin	20	104,995	78,200	13,065	6,375	58,760	26,795	8,728	141	38,685
56	Scott	5	15,780	12,430	3,430	2,200	6,800	3,350	808	23	5,509
57	Sharkey	4	8,000	3,550	400	500	2,650	4,450	223	25	3,375
58	Simpson	14	31,111	25,535	5,815	3,275	16,445	5,576	1,251	45	6,329
59	Smith	7	10,665	10,515	4,140	3,000	3,375	150	303	14	1,357
60	Tallahatchie	4	6,375	5,690	610	1,330	3,750	685	128	13	2,272
61	Tate	11	27,920	23,145	7,395	7,200	8,550	4,775	1,230	35	6,963
62	Tippah	22	82,550	74,850	53,625	3,000	18,225	7,700	3,884	93	14,746
63	Tishomingo	23	54,133	26,030	2,350	5,620	18,060	28,103	1,995	99	21,822
64	Union	21	21,021	18,358	3,553	2,158	12,647	2,663	1,195	87	10,536
65	Warren	107	2,167,910	1,598,312	413,754	580,385	604,173	569,598	189,865	1,706	798,169
66	Washington	32	564,757	426,951	82,500	151,850	192,601	137,806	55,724	443	174,179
67	Wayne	38	143,024	109,610	21,367	9,063	79,180	33,414	8,082	288	50,922
68	Webster	26	39,640	32,475	4,090	3,445	24,940	7,165	2,417	80	16,622
69	Wilkinson	9	10,685	6,785	760	1,925	4,100	3,900	1,035	17	6,522
70	Winston	20	26,965	22,600	4,425	4,950	13,225	4,365	604	55	5,856
71	Yalobusha	10	266,872	189,035	12,715	47,200	129,120	77,837	5,009	355	157,773
72	Yazoo	33	153,855	93,700	10,145	19,480	64,075	60,155	13,540	206	51,637
73	All other counties (*a*)	6	10,700	9,905	790	2,350	6,765	795	969	24	3,657

a Includes establishments distributed as follows: Franklin, 2; Sunflower, 2; Tunica, 2.

MISSOURI.

BY SPECIFIED INDUSTRIES.

1	All industries	14,052	189,558,540	86,655,857	21,388,383	25,190,728	40,076,746	102,902,689	22,885,565	143,139	76,417,364
2	Agricultural implements	21	977,828	352,835	97,615	68,325	186,895	624,993	88,564	713	415,849
3	Ammunition	3	407,155	214,743	93,597	95,146	26,000	192,412	19,222	47	37,000
4	Artificial limbs. (See also Surgical appliances.)	5	4,950	2,150	.....	.....	2,150	2,800	3,033	10	8,187
5	Awnings, tents, and sails	21	352,980	27,640	.....	.....	27,649	325,331	62,018	386	143,371
6	Babbitt metal and solder	6	343,900	68,300	28,000	19,000	21,300	275,600	20,142	80	60,878
7	Bags, paper	3	174,425	6,525	189	150	6,186	167,900	14,535	76	39,314
8	Baking and yeast powders	17	384,231	58,150	12,400	17,500	28,250	326,081	24,475	163	82,638
9	Baskets and rattan and willow ware	16	60,504	20,972	8,250	12,600	9,122	30,532	3,636	111	46,393
10	Bellows	3	20,225	10,900	2,250	4,000	4,650	9,325	1,715	17	12,732
11	Bicycle and tricycle repairing	6	8,005	1,650	.....	.....	1,650	6,355	1,747	21	7,663
12	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	1,300	1,450,517	848,900	303,260	322,997	222,643	601,617	114,432	2,482	1,263,675
13	Bluing	4	7,522	1,402	.....	.....	1,402	6,120	1,439	19	9,365
14	Bookbinding and blank-book making. (See also Printing and publishing.)	20	216,978	68,987	.....	.....	68,987	147,991	24,834	408	179,527
15	Boot and shoe uppers	9	24,050	4,040	.....	.....	4,040	20,010	3,141	53	30,608
16	Boots and shoes, custom work and repairing.	789	452,590	285,420	86,728	136,640	62,052	167,170	94,261	1,182	544,938
17	Boots and shoes, factory product	29	3,712,915	443,982	16,000	42,000	385,982	3,268,933	305,194	2,813	1,247,292
18	Bottling. (See also Liquors, malt; Mineral and soda waters.)	19	298,005	123,380	49,400	36,300	37,680	174,625	27,013	113	74,434
19	Boxes, cigar	3	168,686	58,765	12,800	25,000	20,965	109,921	19,864	143	70,528
20	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	11	174,955	76,250	3,000	3,000	70,250	93,705	17,408	437	121,606
21	Boxes, wooden packing. (See also Lumber, planing mill products, including sash doors, and blinds.)	32	521,930	259,045	69,100	60,250	129,695	262,885	53,571	717	353,352

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MISSISSIPPI—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
21	$7,540	.....	.....	131	$27,281	1	$52	9	$1,008	.....	.....	.....	.....	.....	.....	$62,666	$129,682	42
10	2,510	.....	.....	83	17,931	1	100	.....	.....	4	$100	.....	.....	.....	.....	16,363	52,600	43
4	926	.....	.....	24	3,474	.....	.....	.....	.....	4	405	.....	.....	.....	.....	10,171	19,441	44
17	3,482	.....	.....	51	5,894	1	65	5	161	7	534	.....	.....	.....	.....	23,122	44,142	45
19	5,435	.....	.....	73	10,759	8	800	8	600	10	456	3	$78	1	$26	72,613	107,759	46
3	1,472	.....	.....	49	10,270	1	260	.....	.....	.....	.....	.....	.....	.....	.....	60,750	83,570	47
9	2,639	.....	.....	49	11,434	.....	.....	3	65	.....	.....	.....	.....	.....	.....	22,090	47,689	48
11	9,000	.....	.....	178	54,422	.....	.....	.....	.....	15	900	11	360	.....	.....	146,380	284,500	49
11	12,650	.....	.....	158	86,573	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	240,642	509,952	50
48	25,945	.....	.....	831	435,508	5	954	2	235	4	155	.....	.....	.....	.....	391,367	958,687	51
7	798	.....	.....	8	700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,428	12,600	52
9	2,439	.....	.....	174	29,627	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118,667	181,838	53
2	1,100	.....	.....	10	2,480	.....	.....	.....	.....	6	1,440	.....	.....	.....	.....	1,265	9,200	54
18	4,810	1	$220	120	33,555	.....	.....	2	100	.....	.....	.....	.....	.....	.....	70,060	144,355	55
4	2,155	.....	.....	19	3,354	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,113	25,533	56
1	600	.....	.....	24	2,775	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,038	14,150	57
11	1,968	1	250	33	4,111	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,830	26,857	58
9	969	.....	.....	5	388	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,324	9,523	59
2	497	.....	.....	11	1,775	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,922	7,800	60
8	1,962	.....	.....	25	4,901	2	100	.....	.....	.....	.....	.....	.....	.....	.....	14,080	25,825	61
10	1,512	.....	.....	79	12,259	.....	.....	.....	.....	4	975	.....	.....	.....	.....	36,031	75,903	62
14	4,299	.....	.....	82	16,655	.....	.....	1	208	2	660	.....	.....	.....	.....	53,485	103,273	63
14	3,106	.....	.....	60	6,861	.....	.....	2	52	8	439	3	78	.....	.....	26,469	50,580	64
131	112,021	6	3,136	1,405	630,054	42	12,212	34	3,934	68	35,256	18	1,496	2	60	1,585,880	2,905,488	65
29	24,957	1	624	387	143,950	8	1,900	18	2,748	.....	.....	.....	.....	.....	.....	409,524	710,640	66
31	7,976	.....	.....	221	39,696	.....	.....	3	100	3	500	.....	.....	30	2,650	114,398	223,713	67
15	4,170	.....	.....	74	12,452	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,058	60,577	68
5	2,510	.....	.....	12	4,012	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,798	13,635	69
14	2,984	.....	.....	38	2,670	1	150	.....	.....	2	52	.....	.....	.....	.....	17,959	31,342	70
9	4,468	.....	.....	300	143,285	25	7,500	21	2,520	.....	.....	.....	.....	.....	.....	255,885	435,278	71
32	14,832	.....	.....	166	36,062	2	245	6	498	.....	.....	.....	.....	.....	.....	179,443	276,850	72
5	941	.....	.....	18	2,410	.....	.....	.....	.....	1	306	.....	.....	.....	.....	6,522	17,319	73

MISSOURI.

BY SPECIFIED INDUSTRIES.

17,372	16,052,111	1,564	721,824	90,867	48,315,313	11,750	3,125,824	3,168	486,971	11,551	6,212,631	6,544	1,477,304	323	25,386	177,582,382	324,561,993	1
57	67,041	7	3,440	597	318,917	.....	.....	26	6,501	26	19,950	.....	.....	.....	.....	522,130	1,309,669	2
13	14,500	.....	.....	34	22,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	517,085	685,190	3
7	6,782	.....	.....	3	1,405	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,070	21,680	4
54	46,067	2	1,000	93	47,397	111	23,994	5	950	22	6,839	98	16,994	1	130	429,795	734,871	5
25	37,420	1	720	53	22,538	1	200	.....	.....	.....	.....	.....	.....	.....	.....	974,389	1,131,650	6
5	5,800	1	1,500	34	22,308	35	9,550	1	156	.....	.....	.....	.....	.....	.....	308,480	431,228	7
46	44,674	2	1,980	40	17,803	71	17,557	4	624	.....	.....	.....	.....	.....	.....	218,585	450,684	8
16	8,975	1	200	8	4,850	.....	.....	5	668	55	26,250	17	4,120	9	1,330	50,932	122,891	9
4	3,360	.....	.....	7	4,372	.....	.....	.....	.....	6	5,000	.....	.....	.....	.....	19,375	47,000	10
10	3,860	.....	.....	10	3,647	.....	.....	1	156	.....	.....	.....	.....	.....	.....	3,221	14,175	11
1,224	646,992	1	392	1,188	600,953	2	624	22	3,612	43	10,911	.....	.....	2	191	672,114	2,447,677	12
6	4,040	.....	.....	11	4,985	.....	.....	2	340	.....	.....	.....	.....	.....	.....	7,737	38,400	13
34	30,655	2	820	179	91,482	170	50,671	7	1,279	.....	.....	16	4,620	.....	.....	115,103	365,882	14
10	7,055	.....	.....	20	13,629	15	6,080	1	150	3	2,030	4	1,664	.....	.....	45,978	84,250	15
691	322,670	5	1,500	295	139,359	7	2,109	11	1,846	166	75,922	6	1,382	1	150	285,362	1,061,800	16
95	127,242	2	660	1,233	641,319	997	274,599	123	9,916	336	183,770	27	9,786	.....	.....	2,521,027	4,841,004	17
28	33,060	.....	.....	78	39,000	1	104	6	1,370	.....	.....	.....	.....	.....	.....	247,852	432,362	18
7	6,180	.....	.....	84	43,412	6	2,220	7	1,350	12	9,416	27	7,950	.....	.....	142,847	272,649	19
17	25,930	3	1,350	83	29,937	114	23,100	3	535	12	2,494	199	37,400	6	860	393,690	680,235	20
50	54,776	1	1,000	462	229,322	6	1,025	48	8,574	105	51,765	45	3,900	.....	.....	625,469	1,234,284	21

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MISSOURI—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
22	Brass castings and brass finishing. (See also Plumbers' supplies.)	14	$323,254	$131,804	$25,800	$34,200	$71,804	$191,450	$24,990	305	$203,887
23	Bread and other bakery products	406	1,807,004	1,235,045	383,865	497,615	353,565	571,959	222,073	2,005	1,096,316
24	Brick and tile. (See also Clay and pottery products.)	232	4,690,716	3,456,366	1,572,769	903,140	980,457	1,234,350	251,978	4,834	1,706,492
25	Bridges	9	278,046	66,815	10,200	5,200	51,415	211,231	42,928	498	298,993
26	Brooms and brushes	86	200,907	88,401	41,940	25,240	21,221	112,506	23,084	440	168,146
27	Carpentering	962	5,565,180	1,096,037	362,600	449,956	283,481	4,469,149	449,390	7,444	5,235,415
28	Carpets, rag	20	5,021	3,344	520	1,675	1,149	1,677	2,055	23	9,424
29	Carriage and wagon materials	5	33,832	20,740	5,500	10,000	5,240	13,092	1,792	36	18,925
30	Carriages and sleds, children's	4	84,910	52,010	25,000	15,000	12,010	32,900	8,866	84	60,252
31	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	425	3,963,675	1,606,656	570,465	744,775	291,416	2,357,019	232,244	3,519	1,913,879
32	Cars and general shop construction and repairs by steam railroad companies.	27	1,394,974	1,018,500	183,270	323,080	512,150	376,474	1,637	2,936	1,805,716
33	Cars and general shop construction and repairs by street railroad companies.	14	121,850	109,950	50,500	46,000	13,450	11,900	10,912	171	131,742
34	Cars, steam railroad, not including operations of railroad companies.	5	1,442,927	549,243	105,369	144,932	298,942	893,684	75,773	1,904	1,199,851
35	Cars, street railroad, not including operations of railroad companies.	3	801,280	213,634	94,500	47,000	72,134	587,646	41,980	566	371,601
36	Cheese and butter, urban dairy product.	7	35,624	26,061	6,500	12,000	7,561	9,563	3,115	33	20,176
37	Cheese, butter, and condensed milk, factory product.	61	252,024	224,760	15,275	115,310	94,175	27,264	9,721	186	61,164
38	Chemicals. (See also Fertilizers; High explosives; Paints; Varnish.)	19	1,535,330	557,843	176,500	172,263	209,080	977,487	104,980	578	356,239
39	China, decorating	3	10,985	5,495	1,000	1,500	2,995	5,490	1,408	19	7,480
40	Clay and pottery products. (See also Brick and tile.)	45	1,408,592	871,135	247,770	307,457	315,908	537,457	165,671	1,093	553,904
41	Cleansing and polishing preparations	6	26,680	14,970	6,000	2,000	6,970	11,710	3,457	51	19,478
42	Clothing, men's, custom work and repairing.	482	2,054,164	421,399	160,191	163,225	91,983	1,632,765	293,680	3,523	2,033,483
43	Clothing, men's, factory product	59	4,966,073	411,280	70,200	193,700	147,380	4,554,793	369,911	6,395	2,118,348
44	Clothing, women's, dressmaking	756	368,286	229,452	71,840	99,550	58,062	138,834	130,282	2,680	850,895
45	Clothing, women's, factory product	11	300,520	41,540	600	22,700	18,240	258,980	18,189	499	151,945
46	Coffee and spice, roasting and grinding.	15	1,089,088	146,090	14,000	6,000	126,090	943,088	82,406	344	219,113
47	Coffins and burial cases, trimming and finishing.	37	202,963	110,710	54,050	48,320	8,340	92,253	13,602	101	60,950
48	Coffins, burial cases, and undertakers' goods.	6	350,507	47,440	1,890	950	44,600	303,067	27,134	258	118,782
49	Coke	3	5,275	5,275			5,275			5	1,881
50	Confectionery	75	1,440,173	534,427	108,300	190,650	235,477	905,746	149,497	1,656	695,109
51	Cooperage	120	1,195,680	619,469	224,617	251,881	142,971	576,211	65,120	1,385	709,393
52	Cordage and twine	7	322,124	129,515	22,200	31,600	75,715	192,609	25,127	215	89,457
53	Cordials and sirups	4	14,630	2,975			2,975	11,655	5,216	22	15,514
54	Corsets	9	85,387	18,615			18,615	66,772	15,084	232	72,593
55	Cotton, ginning	4	9,950	9,465	265	2,700	6,500	485	730	33	4,762
56	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	11	91,365	22,375	2,000	4,000	16,375	68,990	9,623	119	67,283
57	Dentistry, mechanical	113	76,455	40,077	2,545	6,550	30,982	36,378	20,566	186	105,179
58	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	145	263,319	132,226	42,450	66,875	22,901	131,093	41,745	250	116,810
59	Dyeing and cleaning	52	116,169	80,300	21,600	30,000	28,700	35,869	26,033	262	135,176
60	Electrical apparatus and supplies	36	717,347	221,181	13,000	22,675	185,506	496,166	40,620	408	271,181
61	Electric light and power	4	2,685,286	1,184,001	61,000	245,500	877,501	1,501,285	25,473	214	159,348
62	Electroplating	11	45,145	25,700	2,500	2,000	21,200	19,445	9,668	117	60,915
63	Engraving and diesinking	16	42,075	20,170	500	400	19,270	21,905	10,506	85	52,386
64	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	3	59,672	29,447			29,447	30,225	5,110	37	20,707
65	Engraving, wood	17	24,922	9,325			9,325	15,597	5,649	91	51,642
66	Fancy articles, not elsewhere specified	13	31,972	14,117	3,500	3,200	7,417	17,855	4,989	83	32,680
67	Fertilizers. (See also Chemicals.)	4	209,658	112,835	15,159	41,890	55,786	96,823	14,362	95	49,416
68	Files. (See also Cutlery and edge tools.)	3	10,100	8,200			8,200	10,900	1,479	29	17,739
69	Flavoring extracts	4	35,328	1,335			1,335	33,993	2,727	15	13,058
70	Flouring and grist mill products	710	12,630,645	7,297,422	928,172	2,035,988	4,333,262	5,333,223	966,124	3,855	1,811,395
71	Food preparations. (See also Fruit and vegetables, canning and preserving.)	18	312,846	85,435	20,000	14,700	50,735	227,411	23,158	280	119,250

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MISSOURI—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecesworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
29	$36,420	.....	.....	274	$167,301	.....	.....	1	$156	1	$10	.....	.....	.....	.....	$354,242	$693,486	22
473	376,475	56	$18,741	1,170	621,941	230	$61,830	33	6,640	3	689	40	$10,000	.....	.....	3,116,087	5,165,177	23
224	175,160	5	3,252	3,935	1,372,750	3	230	336	47,326	299	105,715	.....	.....	32	$2,059	709,626	3,503,906	24
24	30,757	.....	.....	474	268,236	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	507,600	1,036,407	25
95	54,206	1	246	178	73,279	24	3,165	50	6,346	80	29,294	2	300	10	1,310	188,889	449,661	26
987	923,610	2	912	6,337	4,245,143	.....	.....	33	7,129	85	58,621	.....	.....	.....	.....	9,424,161	17,344,047	27
18	8,039	2	650	1	400	.....	.....	2	335	.....	.....	.....	.....	.....	.....	8,049	19,732	28
3	2,200	.....	.....	28	14,575	.....	.....	.....	.....	4	2,000	.....	.....	1	150	17,856	52,400	29
5	4,332	.....	.....	62	49,180	16	6,540	.....	.....	1	200	.....	.....	.....	.....	70,045	186,180	30
478	408,019	15	6,727	2,710	1,331,616	20	6,394	10	1,888	286	159,235	.....	.....	.....	.....	2,441,925	5,233,324	31
76	67,645	1	300	2,858	1,737,621	.....	.....	1	150	.....	.....	.....	.....	.....	.....	2,082,326	3,890,542	32
4	2,550	.....	.....	158	122,308	.....	.....	.....	.....	9	6,884	.....	.....	.....	.....	87,658	281,741	33
48	50,587	2	1,660	1,346	866,279	8	2,825	.....	.....	500	278,500	.....	.....	.....	.....	2,655,320	3,974,173	34
15	31,000	.....	.....	544	338,628	1	416	6	1,560	.....	.....	.....	.....	.....	.....	472,062	1,063,926	35
10	6,780	1	200	22	13,196	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	91,491	128,906	36
28	11,044	1	250	150	49,234	4	536	2	60	1	40	.....	.....	.....	.....	299,925	400,551	37
64	102,976	4	3,540	372	215,834	122	32,119	6	1,370	.....	.....	10	400	.....	.....	1,600,083	2,736,960	38
3	2,600	.....	.....	10	3,680	5	1,200	.....	.....	.....	.....	.....	.....	.....	.....	2,882	13,000	39
80	90,663	2	1,305	954	436,321	1	200	15	3,519	40	21,740	.....	.....	1	156	318,781	1,278,713	40
12	9,604	.....	.....	28	8,254	9	1,466	2	254	.....	.....	.....	.....	.....	.....	35,950	74,805	41
600	531,748	26	9,803	809	497,829	419	110,280	27	4,522	1,395	797,343	245	81,502	2	456	1,951,138	4,956,099	42
269	338,583	13	6,966	930	491,910	1,180	332,480	81	7,224	667	252,476	3,253	688,397	2	312	4,556,017	8,113,852	43
13	12,150	710	321,812	41	30,113	1,768	437,635	31	3,209	3	400	110	45,126	4	450	848,548	2,165,239	44
36	40,470	8	5,056	27	14,405	128	47,202	4	512	.....	.....	296	44,300	.....	.....	298,852	541,894	45
83	101,694	9	3,868	201	100,883	33	7,302	8	1,506	10	3,860	.....	.....	.....	.....	3,290,476	3,892,792	46
35	24,460	1	600	65	35,890	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	119,905	251,117	47
29	30,155	1	300	169	61,617	17	4,922	.....	.....	37	20,423	5	1,365	.....	.....	172,830	439,684	48
.....	.....	.....	.....	5	1,881	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,557	5,800	49
176	163,319	26	11,023	590	302,682	570	130,689	90	11,316	93	52,065	106	23,415	5	600	2,120,762	3,584,953	50
125	108,814	1	900	788	373,091	1	240	15	3,120	455	223,228	.....	.....	.....	.....	1,209,069	2,277,873	51
15	24,400	1	312	81	37,816	53	15,429	63	11,100	2	400	.....	.....	.....	.....	474,497	664,305	52
8	8,450	.....	.....	14	7,064	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	102,251	127,686	53
5	6,000	10	7,534	14	7,108	85	27,067	.....	.....	48	12,884	70	12,000	.....	.....	55,335	198,766	54
2	550	.....	.....	27	3,912	.....	.....	.....	.....	4	300	.....	.....	.....	.....	4,185	13,850	55
22	20,079	1	312	80	41,112	14	5,600	2	180	.....	.....	.....	.....	.....	.....	32,042	191,605	56
118	76,677	2	462	54	26,122	8	1,204	3	514	1	200	.....	.....	.....	.....	41,689	220,994	57
128	72,750	2	450	104	40,738	5	1,402	8	1,201	3	269	.....	.....	.....	.....	147,364	407,439	58
60	44,901	9	3,682	126	71,421	49	11,462	8	1,285	6	2,310	4	175	.....	.....	33,937	239,589	59
68	83,720	4	1,720	295	165,155	6	2,000	9	1,386	16	13,600	10	3,600	.....	.....	250,747	697,594	60
20	29,212	.....	.....	194	130,136	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	130,153	428,690	61
16	15,344	.....	.....	90	40,633	4	1,200	2	338	5	3,400	.....	.....	.....	.....	16,373	104,988	62
22	22,384	1	120	55	28,460	1	150	3	612	3	660	.....	.....	.....	.....	19,176	99,567	63
7	7,700	.....	.....	23	10,550	3	1,420	3	525	1	512	.....	.....	.....	.....	11,602	47,102	64
26	22,658	1	300	52	25,889	2	350	2	200	8	2,235	.....	.....	.....	.....	7,964	83,187	65
6	8,560	10	2,900	10	6,216	29	8,172	4	632	.....	.....	24	6,200	.....	.....	24,095	88,624	66
7	8,800	.....	.....	87	40,382	1	234	.....	.....	.....	.....	.....	.....	.....	.....	124,823	212,716	67
8	7,300	2	364	19	10,075	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,985	29,150	68
7	9,000	.....	.....	8	4,058	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,314	78,799	69
836	558,144	8	4,160	2,880	1,215,381	5	803	16	1,751	63	19,896	47	11,260	.....	.....	29,216,639	34,486,795	70
46	46,942	3	1,250	145	59,283	84	11,345	2	430	.....	.....	.....	.....	.....	.....	390,949	671,160	71

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MISSOURI—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.					Live assets.	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.						Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
72	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	186	$11,708,878	$5,466,969	$1,672,794	$1,403,684	$2,390,491	$6,241,909	$991,125	7,339	$4,538,346
73	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	13	419,130	116,025	4,875	15,550	95,600	303,105	79,721	645	136,089
74	Fur goods. (See also Hats and caps, not including wool hats.)	6	126,968	5,609	.....	.....	5,609	121,359	31,329	121	54,371
75	Furnishing goods, men's. (See also Shirts.)	5	73,825	6,450	.....	.....	6,450	67,375	5,723	185	58,895
76	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	147	428,053	120,711	29,425	45,840	45,446	307,342	89,917	610	381,350
77	Furniture, chairs	8	822,068	389,697	113,560	171,335	104,862	432,371	34,984	818	410,603
78	Furniture, factory product	47	2,407,210	925,198	313,770	386,900	224,528	1,482,012	174,342	1,891	1,083,636
79	Gas, illuminating and heating	17	9,024,950	8,185,796	772,450	687,500	6,725,846	839,154	175,713	555	370,949
80	Glass	5	2,201,353	1,641,159	164,159	858,000	619,000	560,194	116,397	1,152	596,239
81	Glass, cutting, staining, and ornamenting.	14	120,301	40,295	8,300	7,050	24,945	80,006	13,298	212	100,369
82	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	5	25,555	4,155	660	1,000	2,555	21,400	1,699	60	20,136
83	Grease and tallow. (See also Axle grease; Soap and candles.)	14	86,593	46,300	5,300	13,800	27,200	40,293	10,531	74	49,173
84	Hairwork	12	68,350	12,665	.....	6,000	6,665	55,685	12,015	100	46,396
85	Hand stamps	9	38,800	17,000	.....	.....	17,000	21,800	7,607	46	27,364
86	Hats and caps, not including wool hats. (See also Fur goods.)	9	41,304	4,755	.....	.....	4,755	36,549	4,691	108	62,088
87	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	7	33,247	9,507	.....	.....	9,507	23,740	3,803	125	34,477
88	House furnishing goods, not elsewhere specified.	3	14,290	1,865	100	175	1,590	12,425	1,962	12	6,216
89	Instruments, professional and scientific.	9	124,050	35,000	1,050	500	33,450	89,050	9,076	64	38,266
90	Iron and steel	6	2,341,470	1,233,471	429,000	237,906	566,565	1,107,999	99,191	899	452,766
91	Iron and steel, bolts, nuts, washers, and rivets.	5	415,253	247,400	65,000	30,000	152,400	167,853	14,740	308	109,767
92	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	44	2,079,973	895,001	290,639	248,901	355,461	1,184,972	127,831	1,350	846,441
93	Jewelry. (See also Watch, clock, and jewelry repairing.)	13	170,950	43,215	.....	.....	43,215	127,735	21,449	209	158,104
94	Kaolin and other earth grinding	3	34,963	20,145	2,000	3,000	15,145	14,818	4,953	29	19,310
95	Kindling wood	11	14,500	8,320	5,500	900	1,920	6,180	1,374	34	13,350
96	Labels and tags	5	16,880	4,480	550	900	3,030	12,400	1,229	18	11,700
97	Lamps and reflectors. (See also Gas and lamp fixtures.)	4	135,350	30,850	.....	10,000	20,850	104,500	8,960	147	53,242
98	Leather goods. (See also Pocketbooks; Trunks and valises.)	3	16,253	8,153	.....	1,499	6,654	8,100	1,827	27	16,636
99	Leather, tanned and curried	17	691,353	188,157	64,900	67,400	55,857	503,196	25,344	328	194,287
100	Lime and cement	32	637,266	458,136	152,946	224,222	80,968	179,130	59,979	615	229,776
101	Liquors, distilled	11	299,302	196,200	29,800	53,900	112,500	103,102	1,557,020	82	36,607
102	Liquors, malt. (See also Bottling.)	30	16,689,575	9,319,923	1,521,217	5,547,977	2,250,729	7,369,652	3,114,676	3,117	2,441,615
103	Liquors, vinous. (See also Liquors, distilled.)	9	425,090	135,250	38,650	58,500	38,100	289,840	22,459	89	66,440
104	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	10	249,627	143,918	.....	.....	143,918	105,709	20,748	265	156,116
105	Lock and gun smithing	79	71,486	39,930	8,070	10,320	21,540	31,556	16,644	137	76,418
106	Looking-glass and picture frames	54	361,794	119,424	21,525	52,450	45,449	242,370	53,486	408	221,050
107	Lumber and other mill products from logs or bolts.	748	7,658,118	4,864,359	2,408,270	492,962	1,963,127	2,793,759	365,757	5,740	1,569,662
108	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	78	3,280,816	1,228,072	347,831	311,681	568,560	2,052,744	202,975	2,558	1,582,409
109	Malt. (See also Liquors, malt.)	11	977,918	491,200	174,650	260,000	56,550	486,718	40,012	129	105,547
110	Mantels, slate, marble, and marbleized	5	107,610	40,360	31,000	8,000	1,360	67,250	6,922	81	58,553
111	Marble and stone work. (See also Monuments and tombstones.)	69	776,113	338,370	208,220	45,050	85,100	437,743	58,650	833	610,486
112	Masonry, brick and stone. (See also Plastering and stuccowork.)	375	5,049,589	447,085	96,845	84,090	206,150	4,602,504	217,164	7,073	4,772,996
113	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	32	439,539	194,407	85,300	54,800	54,307	245,132	45,315	478	246,718
114	Millinery and lace goods. (See also Artificial feathers and flowers.)	4	22,300	3,400	.....	.....	3,400	18,900	3,604	94	30,227
115	Millinery, custom work	217	505,925	130,428	47,520	63,950	18,958	375,497	81,795	1,079	382,039
116	Mineral and soda waters. (See also Bottling.)	71	602,008	457,447	160,467	71,700	225,280	144,561	56,643	443	215,226

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MISSOURI—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
566	$719,721	19	$10,651	5,792	$3,208,152	20	$5,600	55	$9,911	857	$584,311	.....	.....	.....	.....	$5,819,009	$13,680,773	72
32	32,459	3	832	207	74,818	140	18,035	36	2,490	30	1,432	77	$3,624	120	$2,499	1,107,691	1,480,469	73
19	20,800	6	3,700	19	10,090	75	18,339	1	150	1	1,292	.....	.....	.....	.....	117,481	238,340	74
24	9,515	.....	.....	23	11,880	92	24,850	6	650	40	12,000	.....	.....	.....	.....	81,816	172,700	75
161	123,412	2	1,000	375	235,934	22	5,283	9	1,224	35	12,647	6	1,850	.....	.....	396,098	1,024,161	76
31	40,844	3	1,436	588	302,724	5	1,300	13	2,675	98	45,184	80	16,440	.....	.....	263,695	833,837	77
142	180,797	2	2,000	1,336	714,956	45	13,323	95	19,211	271	152,749	.....	.....	.....	.....	1,708,116	3,484,404	78
46	79,510	3	1,680	506	289,759	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	458,830	2,007,833	79
38	53,811	1	271	866	411,492	.....	.....	97	17,784	150	112,881	.....	.....	.....	.....	557,874	1,215,329	80
27	27,254	1	200	180	72,655	4	260	.....	.....	.....	.....	.....	.....	.....	.....	95,490	286,959	81
5	3,500	.....	.....	18	9,276	16	4,112	1	104	2	1,200	18	1,944	.....	.....	27,992	56,497	82
17	18,724	.....	.....	57	30,449	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	347,391	441,090	83
7	8,000	16	6,426	7	4,470	70	21,500	.....	.....	.....	.....	.....	.....	.....	.....	54,410	136,315	84
18	14,900	.....	.....	20	10,842	4	842	4	780	.....	.....	.....	.....	.....	.....	23,466	65,900	85
13	18,356	.....	.....	21	10,190	7	2,074	4	666	37	25,310	26	5,492	.....	.....	60,628	141,352	86
6	5,596	2	592	1	264	94	23,250	.....	.....	.....	.....	22	4,775	.....	.....	30,524	81,445	87
2	1,900	.....	.....	9	4,016	1	300	.....	.....	.....	.....	.....	.....	.....	.....	5,360	17,300	88
13	10,898	.....	.....	40	25,868	1	500	.....	.....	1	1,000	.....	.....	.....	.....	11,147	74,400	89
29	40,763	.....	.....	870	412,003	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,461,853	2,241,108	90
15	17,072	1	520	166	50,447	.....	.....	26	1,228	100	40,500	.....	.....	.....	.....	284,973	476,041	91
102	138,417	4	2,620	1,153	658,319	1	500	12	2,073	78	44,512	.....	.....	.....	.....	1,110,996	2,646,336	92
23	26,600	1	520	166	125,724	10	3,820	9	1,440	.....	.....	.....	.....	.....	.....	188,048	447,540	93
8	9,100	.....	.....	21	10,210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33,910	88,900	94
12	5,926	.....	.....	19	7,074	.....	.....	3	350	.....	.....	.....	.....	.....	.....	11,090	30,140	95
6	5,772	.....	.....	6	4,134	5	1,014	.....	.....	1	780	.....	.....	.....	.....	4,756	20,300	96
14	12,020	.....	.....	118	39,822	15	1,400	.....	.....	.....	.....	.....	.....	.....	.....	73,916	184,582	97
5	5,600	.....	.....	17	10,100	5	936	.....	.....	.....	.....	.....	.....	.....	.....	18,278	43,800	98
18	30,600	.....	.....	292	152,957	.....	.....	.....	.....	18	10,730	.....	.....	.....	.....	1,111,577	1,511,990	99
42	38,092	.....	.....	558	184,801	.....	.....	4	590	11	6,293	.....	.....	.....	.....	268,797	679,160	100
13	6,753	.....	.....	69	29,854	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	224,963	1,860,618	101
280	591,679	3	2,741	2,719	1,813,739	.....	.....	115	33,456	.....	.....	.....	.....	.....	.....	6,563,536	16,954,137	102
20	26,948	3	1,150	66	38,342	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	87,263	244,300	103
37	51,392	3	1,812	176	90,905	46	9,352	.....	.....	3	2,655	.....	.....	.....	.....	91,583	305,033	104
78	44,033	1	300	55	31,500	.....	.....	2	335	1	250	.....	.....	.....	.....	36,590	156,392	105
78	62,848	4	1,364	222	122,330	8	2,210	41	7,173	48	22,220	6	2,900	.....	.....	353,784	776,524	106
518	202,773	5	2,680	4,898	1,284,748	44	9,498	25	2,842	212	58,871	31	7,200	7	450	4,212,768	7,487,844	107
204	206,016	5	3,270	2,239	1,339,459	2	1,000	62	11,017	46	21,647	.....	.....	.....	.....	3,243,661	5,801,335	108
27	43,430	.....	.....	102	62,117	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	499,992	725,924	109
17	17,290	.....	.....	64	41,263	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63,020	142,310	110
106	107,997	1	300	682	470,449	.....	.....	2	400	42	31,340	.....	.....	.....	.....	773,553	1,733,217	111
443	473,101	2	1,248	6,602	4,288,443	3	904	7	4,800	16	4,500	.....	.....	.....	.....	6,552,504	13,183,490	112
57	59,314	.....	.....	239	103,774	24	7,048	23	3,738	129	69,876	6	2,968	.....	.....	569,410	995,134	113
5	4,700	4	3,000	7	2,570	54	15,270	3	387	.....	.....	21	4,300	.....	.....	76,670	128,500	114
54	41,882	201	94,912	35	10,772	721	202,028	24	3,088	.....	.....	42	8,845	2	512	714,789	1,390,805	115
127	94,117	7	2,545	280	114,759	.....	.....	30	3,653	8	2,852	.....	.....	5	300	177,838	661,805	116

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MISSOURI—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
117	Models and patterns	14	$30,949	$19,225	$2,000	$1,000	$16,225	$11,724	$1,615	65	$42,997
118	Monuments and tombstones. (See also Marble and stone work.)	88	472,993	126,174	67,710	44,080	14,384	346,819	50,112	404	229,986
119	Mucilage and paste	3	5,018	2,100	.....	.....	2,100	2,918	1,095	16	5,924
120	Musical instruments and materials, not specified.	15	34,591	16,030	4,200	7,800	4,030	18,561	3,571	37	18,907
121	Musical instruments, organs and materials.	4	38,520	21,520	8,000	10,000	3,520	17,000	2,702	30	24,504
122	Musical instruments, pianos and materials.	4	14,050	1,400	.....	.....	1,400	12,650	2,769	22	16,247
123	Oil, castor	3	219,298	83,962	24,500	11,500	47,962	135,336	10,078	32	18,961
124	Oil, linseed	5	1,312,762	553,400	165,200	132,800	255,400	759,362	73,525	186	149,983
125	Oil, lubricating	8	129,605	14,830	.....	.....	14,830	114,775	12,031	47	49,808
126	Optical goods	5	14,875	3,350	.....	.....	3,350	11,525	1,844	14	9,866
127	Painting and paper hanging	535	1,090,688	392,067	117,415	135,500	139,152	698,621	145,722	3,094	1,986,810
128	Paints. (See also Chemicals; Varnish.)	21	3,715,607	1,816,236	541,095	567,900	707,241	1,893,371	287,256	560	381,348
129	Paper patterns	3	2,674	33	.....	.....	33	2,641	854	5	4,400
130	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	66	1,718,132	221,077	50,350	78,120	92,607	1,497,055	467,960	672	444,118
131	Paving and paving materials	28	269,778	112,641	16,000	21,050	75,591	157,137	27,099	578	234,135
132	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	4	36,855	2,200	.....	.....	2,200	34,655	34,129	60	26,555
133	Photographic materials	3	403,300	115,300	25,000	50,000	40,300	288,000	22,800	274	172,302
134	Photography	119	359,325	239,796	42,250	35,000	162,546	119,529	83,497	452	285,605
135	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	10	502,572	105,750	20,200	34,000	51,550	396,822	23,893	346	149,506
136	Pipes, tobacco	7	64,470	34,150	4,250	8,500	21,400	30,320	3,543	128	52,656
137	Plastering and stuccowork. (See also Masonry, brick and stone.)	176	261,506	122,563	44,225	38,800	39,538	138,943	32,201	848	554,506
138	Plumbers' supplies. (See also Brass castings and brass finishing.)	4	1,280,486	464,470	134,000	205,000	125,470	816,016	101,803	491	342,358
139	Plumbing and gas fitting	174	985,962	268,875	57,410	116,000	95,465	717,087	109,849	1,713	1,126,958
140	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	176	3,441,785	1,857,513	78,350	61,600	1,717,563	1,584,272	391,890	3,453	1,939,656
141	Printing and publishing, music. (See also Bookbinding and blank-book making.)	6	32,000	28,100	.....	.....	28,100	3,900	4,151	22	14,166
142	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	596	4,578,490	2,771,474	277,490	425,544	2,068,440	1,807,016	1,043,820	5,291	3,407,446
143	Printing materials	3	20,200	7,200	.....	.....	7,200	13,000	3,443	12	9,060
144	Pumps, not including steam pumps	4	82,310	53,040	23,500	17,000	12,540	29,270	5,989	89	38,626
145	Refrigerators	5	512,650	198,400	82,000	30,800	85,600	314,250	18,251	279	156,334
146	Regalia and society banners and emblems.	4	14,540	1,825	.....	.....	1,825	12,715	2,169	39	16,734
147	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	120	968,250	352,345	172,530	64,785	115,030	615,905	114,162	861	549,720
148	Saddlery and harness	372	3,410,305	789,682	237,105	376,865	175,712	2,620,623	257,058	2,162	1,311,918
149	Sausage. (See also Slaughtering.)	15	43,683	36,185	15,895	13,850	6,440	7,498	5,020	47	27,024
150	Scales and balances	5	15,195	12,145	.....	.....	12,145	3,050	3,465	30	19,430
151	Sewing machine repairing	9	31,242	9,075	5,000	2,000	2,075	22,167	2,921	16	8,822
152	Shipbuilding	5	125,625	113,425	42,000	12,075	59,350	12,200	18,067	357	159,224
153	Shirts. (See also Furnishing goods, men's.)	29	182,983	39,355	8,000	6,000	25,355	143,628	24,402	505	159,278
154	Shoe cases	7	80,010	18,675	6,000	4,000	8,675	61,335	10,638	107	51,818
155	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage.)	41	4,611,745	1,420,695	425,370	593,400	401,925	3,191,050	368,108	1,267	729,024
156	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage.)	27	375,035	203,090	81,700	108,500	12,890	171,945	18,635	172	139,394
157	Smelting and refining	7	112,095	100,875	79,210	12,990	8,675	11,220	3,327	41	15,367
158	Soap and candles. (See also Grease and tallow.)	15	941,310	482,424	178,840	169,843	133,741	458,886	53,721	322	168,503
159	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	11	332,415	136,100	67,000	28,500	40,600	196,315	21,152	243	168,307
160	Stencils and brands	5	6,910	4,960	.....	.....	4,960	1,950	1,500	12	7,431
161	Sugar and molasses, refining	40	145,582	20,787	1,020	1,175	18,592	124,795	17,967	172	43,890

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MISSOURI—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecoworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
19	$16,670			44	$25,962			2	$365							$8,597	$56,434	117
92	71,025	1	$400	304	156,680			2	381	5	$1,500					303,987	732,901	118
5	3,000			10	2,684	1	$240									10,651	24,300	119
18	9,950	1	156	17	8,671			1	130							7,259	41,065	120
6	7,544			21	15,556			3	1,404							13,990	46,340	121
3	2,125			19	14,122											4,963	29,100	122
10	8,979			22	9,982											158,971	210,063	123
21	40,608			165	109,375											1,370,267	1,795,401	124
22	34,345	2	956	23	14,507											166,106	350,170	125
6	6,200	1	260	5	2,906			1	200	1	300					5,288	19,560	126
615	516,545	5	938	2,219	1,350,035	5	868	41	7,736	209	110,688					1,285,724	4,060,756	127
98	140,209	11	4,995	425	229,950	16	4,095	10	2,090							2,255,767	3,496,628	128
3	3,200	1	1,000	1	200											3,166	11,450	129
197	225,634	22	11,716	237	153,852	173	44,525	22	3,511	1	200	20	$4,680			761,127	2,518,816	130
25	21,988			553	212,147											314,237	668,383	131
7	8,900			4	1,856	49	15,709									30,295	107,400	132
25	31,960			191	114,152	58	26,190									467,630	812,000	133
115	105,870	14	9,910	218	131,730	79	29,913	6	857	16	5,675	4	1,650			151,196	679,471	134
29	34,020	2	1,300	192	78,199	39	12,027			25	10,000	59	13,960			605,510	964,194	135
10	9,392			87	31,709	6	750	5	805	20	10,000					48,015	148,555	136
170	146,299			658	401,366			2	260	18	6,581					394,781	1,149,305	137
38	78,960	1	600	383	238,866					69	23,932					861,060	1,465,371	138
262	270,740	6	2,706	1,368	830,471			50	9,914	27	13,127					1,382,221	3,072,469	139
345	382,572	42	19,282	2,165	1,278,066	664	186,588	120	21,042	82	38,932	35	13,174			1,785,161	5,039,953	140
3	3,250			18	10,316					1	600					10,444	43,600	141
870	867,906	83	37,269	2,847	1,670,407	365	103,745	233	24,848	827	683,977	66	19,294			1,708,128	7,920,887	142
5	5,120			7	3,940											10,705	31,200	143
13	16,300			64	19,789			10	1,337	2	1,200					106,191	172,025	144
12	26,520			198	92,034	3	780			50	31,000	16	6,000			1,118,048	1,393,179	145
6	5,672	4	1,790	13	6,283	13	2,644	2	240			1	100			3,772	26,750	146
172	165,593	7	3,250	646	368,021	1	550	5	776	30	11,530					955,150	1,981,764	147
469	402,670	1	660	980	518,811	11	2,450	25	3,733	675	383,294	1	300			2,398,874	4,760,493	148
14	10,526	2	1,300	30	15,078			1	120							48,311	90,658	149
10	6,350			15	11,750					4	1,200			1	$130	5,678	32,000	150
7	3,790			7	4,732	2	300									5,860	22,607	151
11	11,381			196	87,843					150	60,000					145,707	417,236	152
48	43,922	9	3,550	39	21,180	128	32,635	2	431			278	57,416	1	144	283,807	558,025	153
13	11,820	1	500	91	38,798					2	700					112,595	239,600	154
135	170,496	4	1,250	1,046	542,908	27	7,620			9	2,350	46	5,000			12,439,412	14,789,012	155
35	50,450	1	1,500	134	86,944			2	500							2,702,940	3,531,181	156
6	5,300			35	10,067											29,432	71,830	157
58	54,479	2	180	196	103,311	18	3,366	34	3,214	5	1,720	9	2,233			1,047,091	1,427,404	158
36	41,092	2	840	203	125,650					2	725					393,071	671,017	159
5	5,200			3	1,436			2	275	2	520					2,540	13,492	160
30	20,014			135	23,102	7	774									425,162	574,221	161

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MISSOURI—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
162	Surgical appliances. (See also Artificial limbs.)	10	$51,141	$17,050	$2,200	$11,000	$3,850	$34,091	$29,992	37	$21,126
163	Taxidermy	3	792	133			133	659	434	5	2,875
164	Timber products, not manufactured at mill.	82	587,307	455,605	181,517		274,088	131,702	26,169	1,514	576,785
165	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	323	1,591,819	658,233	184,405	188,900	284,928	933,586	160,546	1,648	909,526
166	Tobacco, chewing, smoking, and snuff	26	4,533,925	954,487	187,500	437,957	329,030	3,679,438	4,456,979	3,384	1,518,683
167	Tobacco, cigars and cigarettes	404	1,060,739	198,656	67,020	96,984	34,652	862,083	275,219	1,720	859,493
168	Tobacco, stemming and rehandling	3	14,700	11,700	1,500	9,000	1,200	3,000	390	92	14,757
169	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	13	265,850	118,001	32,260	22,485	63,256	147,849	23,120	172	104,163
170	Trunks and valises. (See also Leather goods.)	21	313,277	90,870	26,000	30,000	31,870	222,407	33,086	274	184,189
171	Type founding. (See also Stereotyping and electrotyping.)	3	468,400	190,500	12,500	36,000	142,000	277,900	19,441	206	121,836
172	Umbrellas and canes	10	28,705	5,610	1,700	1,100	2,810	23,095	4,535	39	21,861
173	Upholstery materials. (See also Woolen goods.)	5	124,825	66,300	30,600	9,500	26,200	58,525	13,106	120	68,995
174	Varnish. (See also Paints.)	7	147,040	15,130	5,898	2,000	7,232	131,910	16,217	37	33,188
175	Vinegar and cider	31	561,038	390,677	201,265	108,345	81,067	170,361	31,900	209	119,523
176	Washing machines and clothes wringers	7	11,595	6,850	150	250	6,450	4,745	1,142	17	9,072
177	Watch, clock, and jewelry repairing. (See also Jewelry.)	243	241,403	118,817	25,275	29,150	64,392	122,586	49,865	469	270,891
178	Whips	3	7,315	5,930	1,500	4,375	55	1,385	62	6	1,508
179	Window shades	6	72,640	16,640	3,000	5,000	8,540	56,100	6,841	76	44,864
180	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	21	576,875	132,995	25,200	23,400	84,395	443,880	22,341	311	167,246
181	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	22	129,196	80,340	10,300	29,100	40,940	48,856	11,654	198	128,695
182	Woodenware, not elsewhere specified	5	198,881	132,785	30,050	50,100	52,635	66,096	10,668	244	99,786
183	Woolen goods. (See also Gloves and mittens, Hosiery and knit goods.)	35	720,616	475,428	68,759	143,808	262,861	245,188	29,775	510	122,410
184	All other industries (a)	88	9,474,847	4,498,882	1,391,235	802,550	2,305,097	4,975,965	788,433	5,401	2,665,596

a Embracing artificial feathers and flowers, 2; artists' materials, 1; axle grease, 2; bagging, flax, hemp, and jute, 2; bags, other than paper, 2; bells, 2; billiard tables and materials, 2; bone, ivory, and lamp black, 2; boot and shoe cut stock, 1; brassware, 2; calcium lights, 1; clocks, 1; cork, cutting, 1; cotton goods, 1; cotton ties, 1; dentists' materials, 2; dyeing and finishing textiles, 1; engravers' materials, 1; fireworks, 1; galvanizing, 1; gas and lamp fixtures, 1; glue, 1; hardware, 2; hay and straw, baling, 2; high explosives, 1; ice, artificial, 2; ink, printing, 2; ink, writing, 1; iron and steel, doors and shutters, 1; iron and steel, forgings, 2; iron and steel, nails and spikes, cut and wrought, including wire nails, 2; ivory and bone work, 1; japanning, 1; lapidary work, 1; lard, refined, 1; lead, bar,

BY COUNTIES.

1	The State	14,052	189,558,546	86,655,857	21,388,383	25,190,728	40,076,746	102,902,689	22,885,565	143,130	76,417,364
2	Adair	44	141,069	87,191	16,128	26,245	44,820	53,878	8,187	171	43,949
3	Andrew	59	130,396	91,692	8,520	26,495	56,677	38,704	10,627	136	37,069
4	Atchison	36	115,842	84,280	13,090	20,740	50,450	31,562	8,713	130	30,631
5	Audrain	39	171,071	111,342	13,040	50,322	47,980	59,729	10,249	298	100,448
6	Barry	28	110,370	87,075	12,865	20,910	53,300	23,295	6,429	86	24,964
7	Barton	32	110,543	73,068	5,855	24,060	43,153	36,875	11,218	103	36,425
8	Bates	117	231,887	148,661	22,150	43,245	83,266	83,226	19,933	396	126,822
9	Benton	23	30,631	22,898	1,520	4,960	16,418	7,733	1,831	56	13,459
10	Bollinger	16	35,441	25,405	7,320	4,735	13,350	10,036	1,067	46	10,339
11	Boone	47	283,145	172,525	15,675	55,105	101,745	110,620	19,488	208	72,359
12	Buchanan	300	5,325,415	2,577,788	675,700	675,508	1,226,580	2,747,627	503,775	5,130	2,378,523
13	Butler	20	175,012	114,098	35,078	19,840	58,180	60,914	13,840	159	53,848
14	Caldwell	46	140,399	108,175	9,290	32,215	66,670	38,224	9,368	165	41,322
15	Callaway	72	166,727	105,736	17,005	28,891	59,840	60,991	11,616	253	76,184
16	Camden	17	23,266	18,635	1,275	4,440	12,920	4,631	1,922	31	8,902
17	Cape Girardeau	131	643,332	371,802	73,690	153,555	144,557	271,530	47,480	553	185,298
18	Carroll	104	423,068	233,665	23,903	72,945	136,817	189,403	28,126	471	165,990
19	Carter	12	966,667	706,182	481,682	44,250	180,250	260,485	33,064	424	193,726
20	Cass	107	221,686	164,889	30,735	53,105	81,049	56,797	11,739	420	96,469
21	Cedar	22	68,985	55,100	7,510	8,065	39,525	13,885	3,323	64	16,733
22	Chariton	35	112,495	85,176	10,531	25,000	49,645	27,319	6,262	201	46,155
23	Christian	16	48,015	37,300	2,325	7,375	27,600	10,715	2,514	45	11,800
24	Clark	14	31,050	22,830	2,105	6,285	14,440	8,220	1,169	40	12,767
25	Clay	40	167,386	128,435	30,700	31,010	66,725	38,951	17,575	182	54,228
26	Clinton	47	149,362	99,575	6,175	17,895	75,505	49,787	13,288	163	50,078

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MISSOURI—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecoworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
14	$13,650	1	$572	11	$3,756	11	$3,148									$23,259	$100,600	162
3	2,275			2	600											590	4,914	163
28	9,690			675	153,322	2	68	1	$20	808	$413,465					116,135	872,081	164
318	258,165	3	1,420	1,168	610,704	15	3,500	95	15,870	49	19,867					1,454,096	3,142,666	165
262	398,527	5	2,546	1,260	579,710	1,017	322,196	106	4,729	200	78,033	490	$129,861	44	$3,081	8,030,780	15,428,764	166
413	270,461	13	4,042	417	193,825	46	11,601	87	11,555	681	349,107	49	17,065	14	1,837	778,492	2,154,882	167
1	244			68	11,922	12	1,910	11	681								18,432	168
20	22,320	1	650	61	37,132	1	600	9	1,864	77	40,967			3	630	136,566	302,463	169
43	60,904			121	65,533			2	312	108	67,440					211,762	668,050	170
13	15,286	2	300	114	76,465	3	1,090	2	410	26	20,095	40	7,200	6	1,000	50,277	270,809	171
17	15,390			8	3,380	12	2,834	2	257							49,354	86,692	172
10	13,290			45	31,816	17	6,500	3	125	27	13,640			18	3,624	78,575	193,500	173
13	15,350	2	1,720	22	16,118											97,953	191,008	174
54	52,163			143	65,016	2	480	1	40	9	1,824					344,362	685,870	175
7	4,404			10	4,668											15,769	33,425	176
208	127,161	6	2,833	211	127,343	2	350	13	1,950	20	11,245					109,196	525,075	177
3	800			1	208							2	500			1,095	3,925	178
14	11,886	1	312	59	32,154	2	512									55,840	120,750	179
55	53,420	1	300	189	65,359	6	1,476	13	2,371	8	5,720	40	3,600			260,957	526,865	180
29	26,901			161	100,494			8	1,300							165,807	367,365	181
9	19,700			141	48,902			12	2,184	57	26,000			25	3,000	123,013	239,566	182
52	24,472	2	816	202	54,098	168	32,285	59	5,240	7	2,099	20	3,400			311,881	548,457	183
314	485,024	30	15,996	3,536	1,781,267	791	179,555	304	55,342	53	32,610	372	115,777	1	25	10,541,182	16,243,818	184

pipe, and sheet, 1; leather, morocco, 1; lightning rods, 2; matches, 1; mats and matting, 1; nets and seines, 2; paper, 1; photolithographing and engraving, 2; plated and britannia ware, 1; pocketbooks, 1; pulp from fiber, other than wood, 1; rubber and elastic goods, 2; safes and vaults, 1; saws, 1; screws, machine, 1; silk and silk goods, 1; sporting goods, 2; springs, steel, car and carriage, 2; stamped ware, 1; stereotyping and electrotyping, 2; tar and turpentine, 1; tinfoil, 1; toys and games, 2; typewriters and supplies, 2; watch cases, 1; wire, 2; zinc, 2.

BY COUNTIES.

17,372	16,052,111	1,564	721,824	20,867	48,315,313	11,750	3,125,824	3,168	486,971	11,551	6,212,631	6,544	1,477,304	323	25,386	177,582,382	324,561,993	1
28	11,213			107	26,436	12	2,650	2	150	12	2,200	4	900	8	400	111,790	197,124	2
34	11,221	2	504	93	24,008	2	124	1	52	3	1,120	1	40			157,199	242,501	3
27	9,953			101	20,474	1	104			1	100					49,667	117,265	4
18	8,872			170	65,840	3	736			104	23,500	3	1,500			104,267	308,366	5
17	6,876			67	17,928			1	100	1	60					138,416	185,332	6
21	9,589			79	26,596	1	25			1	180			1	35	200,218	284,157	7
95	43,983	14	5,018	195	63,278	36	6,209	8	476	16	2,010	12	524	20	324	224,449	427,624	8
18	5,641			26	5,538	1	100			10	2,100	1	80			20,959	42,006	9
12	3,658			34	6,681											24,304	42,738	10
34	17,472	1	300	164	52,787	8	1,540			1	260					402,971	569,848	11
436	373,619	22	11,073	2,614	1,350,019	479	127,755	71	9,701	602	283,395	890	221,011	16	1,950	7,949,614	12,073,690	12
8	5,418			149	47,930					2	500					148,281	263,341	13
37	15,915	3	430	98	23,792	13	890	12	120	2	175					160,466	243,314	14
60	25,428			169	43,708	5	910	7	538	10	4,944	1	500	1	156	126,145	249,866	15
15	4,878			15	3,724					1	300					13,560	27,807	16
100	48,722	5	2,236	403	125,369	8	2,105	18	1,148	14	5,418			5	300	946,812	1,304,254	17
78	40,895	9	3,728	275	100,395	71	7,979	8	1,008	27	10,825	3	1,160			461,290	733,873	18
29	18,930	3	1,680	385	172,348			5	468	2	300					526,116	840,059	19
60	27,437	8	2,843	205	57,145	22	3,972	16	1,764	4	608	24	900	81	1800	198,094	357,622	20
11	5,477			53	11,256											57,682	106,091	21
29	10,881			147	32,375	13	2,118	11	681	1	100					73,866	159,292	22
9	4,288			32	7,135	3	325	1	52							101,991	137,980	23
9	1,909			37	10,858											46,771	70,879	24
29	14,689			149	39,359			4	180							254,576	385,305	25
51	21,036			95	25,772	6	1,372	6	316	4	1,504	1	78			205,419	296,088	26

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MISSOURI—Continued.

BY COUNTIES—Continued.

	COUNTIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Miscellaneous expenses.	Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Live assets.	Average number.	Total wages.
27	Cole	90	$786,796	$370,518	$69,480	$75,605	$225,433	$416,278	$170,298	553	$306,336
28	Cooper	95	401,915	229,585	39,040	91,785	98,760	172,330	41,527	412	165,262
29	Crawford	27	435,577	266,746	62,961	45,081	148,704	178,831	21,022	167	70,957
30	Dade	35	141,371	113,375	10,380	30,625	72,370	27,996	7,317	93	28,725
31	Dallas	20	52,833	35,680	1,635	7,075	26,970	17,153	2,630	57	17,664
32	Daviess	60	175,546	108,607	11,884	27,871	68,852	66,939	12,414	184	59,259
33	Dekalb	40	58,888	46,821	3,920	8,035	34,866	12,067	4,889	93	21,486
34	Dent	32	370,468	152,050	26,959	25,935	99,156	218,418	10,763	248	101,723
35	Douglas	16	17,569	13,456	1,950	2,395	9,110	4,114	1,107	40	8,530
36	Dunklin	12	60,930	42,505	14,505	4,490	23,510	8,425	1,237	76	14,328
37	Franklin	129	564,132	323,035	38,450	136,605	147,980	241,097	38,933	441	164,862
38	Gasconade	47	200,923	100,876	22,118	47,774	30,984	100,047	13,993	152	46,768
39	Gentry	72	187,725	139,365	15,895	39,645	83,825	48,360	11,538	289	108,535
40	Greene	305	1,772,458	1,032,110	303,960	295,361	432,789	740,348	288,005	1,669	773,680
41	Grundy	91	228,575	148,565	29,470	37,145	81,950	80,010	15,046	326	105,723
42	Harrison	63	123,806	71,679	9,732	20,445	41,502	52,127	8,824	266	54,530
43	Henry	135	602,482	278,165	52,470	86,328	139,367	224,317	46,595	603	257,717
44	Hickory	19	38,751	33,046	1,270	6,935	25,841	5,705	1,662	48	8,474
45	Holt	56	142,327	104,904	28,569	21,420	54,915	37,423	6,303	188	34,558
46	Howard	32	119,453	70,880	6,640	23,615	40,625	48,573	5,407	131	39,683
47	Howell	29	98,000	68,765	8,560	14,295	45,910	29,235	5,010	133	34,688
48	Iron	35	149,901	72,420	15,535	16,500	40,385	77,481	8,995	243	49,431
49	Jackson	1,613	15,053,461	8,436,253	2,479,625	1,555,090	4,401,538	6,617,208	1,985,712	15,794	10,031,850
50	Jasper	261	1,498,498	891,292	196,222	221,040	474,030	607,204	152,820	1,561	717,946
51	Jefferson	37	356,694	218,065	28,526	74,145	115,395	137,629	11,656	721	423,691
52	Johnson	84	186,217	121,039	14,780	32,340	73,919	65,178	14,690	219	88,757
53	Knox	39	138,160	62,050	7,375	18,225	36,450	76,110	3,487	110	28,936
54	Laclede	18	56,295	47,225	7,360	10,775	29,100	9,070	4,032	74	20,712
55	Lafayette	59	472,944	274,981	29,360	77,556	168,065	197,963	41,796	328	116,786
56	Lawrence	66	380,066	259,730	37,275	91,495	130,960	120,336	20,019	289	103,149
57	Lewis	48	246,732	121,860	8,075	35,760	78,025	124,872	19,312	204	61,828
58	Lincoln	26	66,565	40,295	11,405	7,525	21,365	16,260	2,531	60	22,413
59	Linn	120	234,140	121,155	15,160	35,885	70,110	112,985	22,253	408	154,476
60	Livingston	115	353,711	201,196	37,805	72,320	91,071	152,515	24,554	509	216,257
61	McDonald	30	55,230	45,435	10,240	5,730	29,465	9,795	2,652	79	17,483
62	Macon	45	137,692	94,874	16,605	20,434	57,835	42,818	8,251	148	45,051
63	Madison	10	66,080	47,520	4,600	4,220	38,700	18,560	3,169	69	14,701
64	Maries	14	23,927	17,135	3,385	2,835	10,915	6,792	679	28	6,420
65	Marion	216	1,737,858	741,976	141,892	224,020	376,064	995,882	149,083	1,507	731,027
66	Mercer	61	91,804	52,567	10,627	9,131	32,809	39,237	6,679	205	38,387
67	Miller	17	52,756	39,985	2,375	9,490	28,120	12,770	1,775	38	11,193
68	Mississippi	16	94,450	72,120	21,600	9,300	41,220	22,330	4,980	77	22,380
69	Moniteau	52	154,728	98,130	14,865	29,075	54,190	56,598	9,565	169	51,641
70	Monroe	105	359,652	163,828	24,533	49,135	90,160	195,824	21,860	319	110,671
71	Montgomery	42	301,466	113,580	18,575	40,620	54,385	187,886	123,144	327	90,570
72	Morgan	43	101,896	64,772	17,385	14,705	32,682	37,124	10,869	346	85,688
73	New Madrid	18	190,599	134,576	36,370	19,350	78,856	56,023	5,521	190	60,907
74	Newton	35	227,810	150,115	29,225	34,965	85,925	77,695	12,660	169	63,448
75	Nodaway	99	242,150	155,710	21,655	54,705	79,350	86,440	17,818	302	136,210
76	Oregon	12	26,830	20,985	6,810	3,190	10,985	5,845	1,433	32	6,169
77	Osage	34	91,608	57,260	3,705	10,200	43,355	34,348	4,043	61	16,617
78	Ozark	13	14,256	12,735	2,244	1,380	9,111	1,521	706	29	4,568
79	Pemiscot	11	52,275	35,195	6,365	4,975	23,855	17,080	2,506	89	20,608
80	Perry	22	128,814	48,195	3,300	12,985	31,910	80,610	4,839	66	23,582
81	Pettis	206	1,067,697	549,709	96,980	169,285	283,444	517,988	217,109	1,676	810,781
82	Phelps	29	159,200	108,890	13,650	37,150	58,090	50,310	20,664	92	37,830
83	Pike	131	794,345	371,948	54,865	119,679	197,404	422,397	235,927	647	232,226
84	Platte	32	199,853	128,176	12,895	36,900	78,381	71,677	64,385	130	36,809
85	Polk	55	170,834	124,163	5,755	23,845	94,563	46,671	9,775	175	52,097
86	Pulaski	13	34,968	23,880	1,185	3,595	19,100	11,088	1,383	31	8,969
87	Putnam	47	82,428	57,062	7,126	14,815	35,121	25,366	5,234	117	26,767
88	Ralls	14	51,088	38,155	6,395	9,910	21,850	12,933	2,448	50	19,598
89	Randolph	162	508,203	279,289	36,855	67,500	174,934	228,914	27,087	916	394,942
90	Ray	63	182,690	140,930	9,496	32,285	99,150	41,760	10,544	206	55,860
91	Reynolds	10	90,226	51,347	23,950	2,620	24,777	38,878	7,614	143	45,017
92	Ripley	16	33,162	23,615	6,450	2,965	14,200	9,547	1,700	77	18,754
93	St. Charles	105	573,462	334,517	49,590	96,640	188,287	238,945	82,348	425	182,894
94	St. Clair	30	68,760	49,950	6,450	13,400	30,100	18,810	3,301	92	10,823
95	Ste. Genevieve	14	162,697	130,290	22,315	52,645	55,430	32,407	7,823	87	31,472
96	St. Francois	35	178,326	99,478	6,536	34,400	58,543	78,848	9,901	113	40,520

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MISSOURI—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
102	$88,439	8	$5,060	333	$179,696	62	$12,540	11	$1,155	36	$18,996	1	$450	.....	.....	$1,199,141	$1,860,888	27
77	44,732	10	3,777	226	89,439	14	1,989	11	668	70	24,307	4	350	.....	.....	319,792	596,510	28
29	20,291	.....	.....	132	50,336	.....	.....	4	230	2	100	.....	.....	.....	.....	282,393	409,019	29
21	9,750	.....	.....	70	18,375	.....	.....	.....	.....	2	660	.....	.....	.....	.....	367,399	446,236	30
21	8,360	.....	.....	36	9,304	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58,218	88,691	31
48	20,845	1	416	113	32,267	7	1,338	1	72	14	4,321	.....	.....	.....	.....	198,934	310,726	32
33	11,711	.....	.....	55	9,332	.....	.....	2	78	2	315	1	50	.....	.....	41,315	79,119	33
36	21,215	.....	.....	209	80,303	.....	.....	3	205	.....	.....	.....	.....	.....	.....	261,984	394,591	34
12	3,293	.....	.....	26	5,182	.....	.....	.....	.....	2	55	.....	.....	.....	.....	25,152	41,530	35
5	1,308	.....	.....	67	12,176	.....	.....	.....	.....	3	850	.....	.....	.....	.....	35,672	69,293	36
117	58,499	.....	.....	259	78,685	.....	.....	1	156	64	27,522	.....	.....	.....	.....	681,902	993,209	37
49	21,924	.....	.....	89	22,779	4	600	6	397	4	1,068	.....	.....	.....	.....	152,057	232,179	38
47	20,956	6	1,130	220	83,577	8	1,382	3	190	5	1,300	.....	.....	.....	.....	166,848	346,845	39
133	102,937	28	8,273	1,174	566,941	118	24,085	58	5,961	107	53,498	40	11,484	11	$501	1,880,052	3,459,243	40
60	31,611	4	1,244	211	62,514	37	7,432	6	312	8	2,610	.....	.....	.....	.....	236,047	416,613	41
51	20,422	.....	.....	146	30,122	2	175	6	349	21	2,487	30	900	10	75	77,791	161,456	42
107	69,642	7	2,379	433	168,021	26	6,602	13	2,143	17	9,530	.....	.....	.....	.....	505,825	929,605	43
16	4,010	.....	.....	27	4,294	1	36	2	40	2	100	.....	.....	.....	.....	49,325	66,855	44
31	11,966	1	250	139	19,859	4	834	8	999	5	650	.....	.....	.....	.....	95,685	166,563	45
28	12,496	.....	.....	91	24,426	.....	.....	9	1,567	3	1,200	.....	.....	.....	.....	135,633	234,498	46
25	9,704	1	250	103	24,303	3	356	1	75	.....	.....	.....	.....	.....	.....	124,573	184,997	47
28	10,370	.....	.....	153	34,581	1	200	.....	.....	61	4,280	.....	.....	.....	.....	117,704	205,160	48
2,067	1,977,744	217	124,913	10,832	6,779,637	891	286,089	158	28,360	1,078	691,418	549	143,161	2	525	17,528,246	33,972,009	49
232	164,852	24	8,569	966	470,335	142	30,371	46	4,675	59	27,368	64	11,004	18	772	1,626,165	2,942,549	50
45	27,514	.....	.....	675	395,697	1	480	.....	.....	.....	.....	.....	.....	.....	.....	838,148	1,299,997	51
64	29,178	.....	.....	144	56,781	3	1,000	2	196	5	1,452	1	150	.....	.....	177,420	343,898	52
22	9,523	.....	.....	78	17,280	3	1,025	6	408	1	700	.....	.....	.....	.....	70,700	119,037	53
13	5,341	.....	.....	58	14,909	3	462	.....	.....	.....	.....	.....	.....	.....	.....	151,480	193,380	54
58	34,089	.....	.....	231	77,739	8	1,449	23	1,974	8	1,535	.....	.....	.....	.....	507,267	748,974	55
65	35,973	5	966	182	57,491	14	2,245	6	643	17	5,831	.....	.....	.....	.....	760,640	957,403	56
30	17,906	1	260	133	36,966	9	1,574	7	422	19	4,450	.....	.....	5	250	259,094	410,049	57
27	12,225	.....	.....	31	9,864	1	180	1	144	.....	.....	.....	.....	.....	.....	72,895	114,688	58
92	51,701	7	2,380	262	93,270	26	4,724	11	901	10	1,500	.....	.....	.....	.....	306,631	558,315	59
113	75,961	9	4,100	284	116,057	53	11,222	9	870	34	6,854	3	300	4	287	343,835	656,776	60
28	9,785	.....	.....	49	7,498	1	175	.....	.....	1	25	.....	.....	.....	.....	62,312	100,208	61
46	18,431	.....	.....	89	23,564	6	1,146	4	310	2	1,300	1	300	.....	.....	121,559	203,190	62
11	3,036	.....	.....	45	11,235	.....	.....	1	80	2	350	.....	.....	.....	.....	24,917	58,076	63
11	3,067	.....	.....	16	3,209	1	144	.....	.....	.....	.....	.....	.....	.....	.....	14,646	24,832	64
211	163,895	24	10,698	1,001	461,897	76	15,775	32	3,577	128	62,955	35	12,230	.....	.....	1,995,457	3,182,840	65
33	11,346	6	1,704	142	21,256	8	897	.....	.....	16	3,184	.....	.....	.....	.....	58,223	126,981	66
15	6,723	.....	.....	23	4,470	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63,954	88,138	67
6	4,560	1	500	66	15,720	.....	.....	.....	.....	4	1,600	.....	.....	.....	.....	68,907	126,150	68
39	15,758	.....	.....	116	34,523	7	900	7	460	.....	.....	.....	.....	.....	.....	182,308	270,911	69
95	41,964	4	1,788	192	61,254	8	1,075	3	200	15	4,109	1	125	1	156	476,068	707,903	70
46	35,073	.....	.....	159	45,427	44	6,764	75	2,484	3	822	.....	.....	.....	.....	240,861	523,331	71
27	7,467	.....	.....	305	78,101	8	45	5	50	1	25	.....	.....	.....	.....	85,481	207,712	72
11	6,034	.....	.....	173	44,049	1	24	.....	.....	5	800	.....	.....	.....	.....	73,542	169,817	73
33	18,415	.....	.....	123	38,715	5	658	3	290	5	5,370	.....	.....	.....	.....	193,400	326,831	74
86	50,822	5	1,145	175	79,131	22	3,512	5	390	9	1,210	.....	.....	.....	.....	280,928	509,390	75
8	1,951	.....	.....	22	3,968	.....	.....	.....	.....	2	250	.....	.....	.....	.....	19,831	32,613	76
26	8,590	.....	.....	34	7,977	.....	.....	.....	.....	1	50	.....	.....	.....	.....	89,826	123,970	77
7	1,648	.....	.....	16	2,248	.....	.....	.....	.....	6	612	.....	.....	.....	.....	14,875	22,192	78
4	1,436	.....	.....	83	18,516	.....	.....	1	156	1	500	.....	.....	.....	.....	43,781	83,380	79
24	11,271	.....	.....	37	10,751	.....	.....	.....	.....	5	1,560	.....	.....	.....	.....	155,210	203,433	80
213	135,754	17	8,132	1,146	577,181	150	33,599	32	3,703	95	48,289	23	4,123	.....	.....	1,421,033	2,728,883	81
18	9,220	.....	.....	72	28,116	2	494	.....	.....	.....	.....	.....	.....	.....	.....	301,397	391,154	82
97	63,095	5	1,587	348	125,049	104	11,726	22	1,990	55	22,767	14	5,500	2	512	876,325	1,564,060	83
26	12,246	.....	.....	99	23,583	.....	.....	2	260	3	720	.....	.....	.....	.....	197,555	350,865	84
54	21,182	1	246	97	28,201	9	1,329	1	75	11	664	2	400	.....	.....	243,031	359,348	85
5	2,125	.....	.....	25	6,740	.....	.....	1	104	.....	.....	.....	.....	.....	.....	61,542	82,653	86
22	8,408	5	1,944	80	14,804	7	1,166	.....	.....	3	445	.....	.....	.....	.....	84,658	141,159	87
13	6,804	.....	.....	36	12,556	1	238	.....	.....	.....	.....	.....	.....	.....	.....	50,694	97,461	88
120	59,512	17	5,794	665	301,675	44	7,055	25	2,111	41	17,795	4	1,000	.....	.....	750,669	1,265,729	89
44	17,665	.....	.....	153	37,194	7	936	2	65	.....	.....	.....	.....	.....	.....	179,211	279,447	90
11	7,627	.....	.....	132	37,390	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39,235	104,860	91
10	4,654	.....	.....	64	13,405	.....	.....	.....	.....	3	695	.....	.....	.....	.....	39,919	79,638	92
83	51,416	10	2,460	261	114,596	32	6,056	24	2,492	13	5,594	1	208	1	72	423,667	777,536	93
16	4,532	.....	.....	72	14,790	2	416	1	25	1	60	.....	.....	.....	.....	72,407	111,092	94
12	6,240	.....	.....	62	18,832	.....	.....	.....	.....	13	6,400	.....	.....	.....	.....	254,668	316,663	95
32	15,554	.....	.....	77	24,186	2	250	1	130	1	400	.....	.....	.....	.....	387,968	483,621	96

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MISSOURI—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
97	St. Louis	43	$149,143	$99,133	$30,235	$32,620	$36,278	$50,010	$12,871	174	$76,245
98	St. Louis city	6,148	141,872,386	59,387,583	14,834,325	18,754,990	25,798,268	82,484,803	17,734,350	94,051	53,394,630
99	Saline	86	381,460	241,225	24,375	60,200	156,650	140,235	26,261	300	122,415
100	Schuyler	51	109,283	84,478	7,373	22,475	54,630	24,805	6,085	135	31,298
101	Scotland	47	139,500	91,545	11,015	25,845	54,685	48,045	13,353	156	45,965
102	Scott	23	161,261	111,612	24,067	14,650	72,895	49,649	8,133	106	33,832
103	Shannon	22	517,838	277,600	71,288	25,730	180,582	240,238	26,463	270	114,457
104	Shelby	52	135,090	88,240	13,875	26,665	47,700	46,850	6,125	167	46,590
105	Stoddard	23	304,158	188,921	64,456	27,035	97,430	115,237	19,831	244	82,005
106	Stone	10	26,079	18,846	2,281	1,550	15,015	7,233	3,228	31	6,265
107	Sullivan	30	82,001	61,652	5,305	9,485	46,862	20,439	3,971	84	21,181
108	Taney	5	13,910	13,000	3,650	2,200	7,150	910	346	8	2,100
109	Texas	35	149,899	97,083	23,811	12,162	62,010	51,016	8,740	231	58,575
110	Vernon	124	330,156	175,015	38,250	50,985	85,780	155,141	37,038	673	262,562
111	Warren	34	137,305	90,605	23,825	17,075	49,705	46,790	10,674	95	27,373
112	Washington	34	197,328	161,385	93,565	28,065	39,755	35,943	5,463	107	29,098
113	Wayne	19	500,610	335,660	177,405	29,675	128,580	164,950	15,542	288	105,116
114	Webster	25	38,087	30,096	3,400	4,980	21,716	7,991	3,427	56	13,752
115	Worth	27	47,517	34,600	3,540	6,060	25,000	12,917	2,807	72	14,842
116	Wright	20	73,290	46,170	2,290	6,385	37,495	27,120	3,303	59	19,237

MONTANA.

BY SPECIFIED INDUSTRIES.

1	All industries	289	4,293,794	2,448,313	561,265	689,165	1,197,883	1,845,481	296,684	2,696	1,948,213
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	34	74,140	41,055	14,485	16,120	10,450	33,085	3,878	54	34,678
3	Boots and shoes, custom work and repairing.	15	11,420	8,800	1,600	3,800	3,400	2,620	3,289	18	15,173
4	Bread and other bakery products	6	56,400	38,600	21,500	8,800	8,300	17,800	4,582	26	26,909
5	Brick and tile	11	173,650	107,200	42,540	22,560	42,100	66,450	9,335	252	104,342
6	Bridges	5	10,733	1,193	.....	.....	1,193	9,540	1,062	61	14,605
7	Carpentering	11	38,170	11,770	1,575	6,475	3,720	26,400	1,599	97	62,216
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	7	66,955	32,235	10,660	14,100	7,475	34,720	5,184	46	38,384
9	Cars and general shop construction and repairs by steam railroad companies.	4	317,765	242,250	67,250	107,000	68,000	75,515	.....	313	236,367
10	Clothing, men's, custom work and repairing.	14	135,420	58,540	25,800	26,500	6,140	76,880	14,477	100	106,414
11	Confectionery	6	26,750	15,650	2,075	4,225	9,350	11,100	7,719	22	13,604
12	Flouring and grist mill products	7	277,900	123,510	22,460	43,500	57,550	154,390	6,037	34	27,651
13	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	4	230,739	134,106	55,150	28,600	50,356	96,633	2,883	98	77,235
14	Jewelry. (See also Watch, clock, and jewelry repairing.)	3	6,340	2,944	.....	.....	2,944	3,396	3,458	12	15,560
15	Liquors, malt. (See also Bottling.)	6	452,400	362,450	109,150	169,200	84,100	89,950	54,874	53	50,670
16	Lumber and other mill products from logs or bolts.	30	331,323	277,925	55,420	37,975	184,530	553,398	41,545	629	325,497
17	Lumber, planing mill products, including sash, doors, and blinds.	8	286,008	122,100	47,500	39,900	34,700	163,900	9,254	150	132,444
18	Millinery, custom work	7	45,200	16,250	5,000	9,000	2,250	28,950	5,070	23	15,952
19	Mineral and soda waters. (See also Bottling.)	6	43,100	28,400	5,500	6,500	14,400	16,700	5,312	21	19,040
20	Photography	9	20,475	16,200	.....	.....	16,200	4,275	7,487	24	19,960
21	Plumbing and gas fitting	3	35,550	12,050	.....	10,000	2,050	23,500	4,264	59	58,726
22	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	41	509,267	367,758	24,100	47,660	295,998	141,509	69,045	307	330,862
23	Saddlery and harness	10	61,050	4,800	100	600	4,200	56,250	8,131	41	39,572
24	Tinsmithing, coppersmithing, and sheet-iron working.	9	50,250	22,500	6,600	5,900	10,000	27,750	3,900	31	28,544
25	Tobacco, cigars and cigarettes	6	18,639	4,600	2,000	2,000	600	12,039	3,568	15	8,010
26	Watch, clock, and jewelry repairing. (See also Jewelry.)	3	15,550	8,400	1,000	5,000	2,400	7,150	1,510	13	16,756
27	All other industries (a)	25	500,602	389,027	39,800	73,750	275,477	111,575	19,221	197	128,042

a Embraces awnings, tents, and sails, 1; bookbinding and blank-book making, 1; bottling, 1; cheese, butter, and condensed milk, factory product, 1; clothing, women's, dressmaking, 2; coke, 2; dentistry, mechanical, 2; furniture, cabinetmaking, repairing and upholstering, 2; gas, illuminating and heating, 1; ironwork,

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MISSOURI—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecewerkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
43	$25,120	.....	.....	122	$47,502	.....	.....	1	$120	8	$2,503	.....	.....	.....	.....	$139,675	$268,124	97
10090	11,114,630	1,050	$485,266	58,155	33,108,597	8,989	$2,456,730	2,290	392,318	8,514	4,761,770	4,827	$1,058,073	136	$17,246	122,216,570	229,157,343	98
73	40,280	1	200	184	71,291	14	2,404	12	2,030	13	5,410	3	800	.....	.....	511,092	755,969	99
24	8,029	1	300	102	22,207	2	480	6	282	.....	.....	.....	.....	.....	.....	83,342	151,144	100
25	9,574	.....	.....	130	35,991	.....	.....	.....	.....	1	400	.....	.....	.....	.....	126,216	217,147	101
12	5,910	.....	.....	92	27,782	.....	.....	1	40	1	100	.....	.....	.....	.....	205,565	278,646	102
21	21,954	.....	.....	247	92,443	1	40	1	20	.....	.....	.....	.....	.....	.....	448,324	698,405	103
47	19,220	3	1,057	89	23,008	7	750	1	50	20	2,505	.....	.....	.....	.....	109,952	192,405	104
15	10,308	.....	.....	220	70,361	.....	.....	.....	.....	9	1,336	.....	.....	.....	.....	212,502	385,941	105
5	1,260	.....	.....	25	4,880	.....	.....	.....	.....	1	125	.....	.....	.....	.....	21,947	39,186	106
15	6,090	1	150	64	14,416	1	180	1	60	2	285	.....	.....	.....	.....	76,512	124,754	107
2	850	.....	.....	6	1,250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,680	35,710	108
28	12,430	.....	.....	172	40,872	1	48	.....	.....	30	5,225	.....	.....	.....	.....	160,455	287,494	109
123	71,425	16	6,574	453	166,390	57	13,188	18	2,960	5	2,000	.....	.....	1	25	471,036	888,086	110
26	10,716	.....	.....	51	12,147	2	200	2	60	14	4,250	.....	.....	.....	.....	135,251	196,733	111
32	11,959	.....	.....	75	17,137	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	113,114	188,712	112
28	16,279	1	500	249	84,737	.....	.....	.....	.....	10	3,600	.....	.....	.....	.....	286,767	480,800	113
16	4,387	.....	.....	39	9,105	1	260	.....	.....	.....	.....	.....	.....	.....	.....	44,528	69,211	114
19	5,769	.....	.....	49	8,894	2	154	2	25	.....	.....	.....	.....	.....	.....	43,262	70,718	115
18	8,127	.....	.....	38	10,619	1	312	1	104	1	75	.....	.....	.....	.....	137,761	184,666	116

MONTANA.

BY SPECIFIED INDUSTRIES.

291	281,702	19	14,098	2,105	1,432,779	62	35,044	11	2,608	195	173,217	13	8,765	.....	.....	2,375,093	5,507,573	1
33	20,663	.....	.....	21	14,015	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29,071	79,797	2
4	2,664	.....	.....	14	12,509	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,622	40,678	3
3	6,500	3	1,740	17	18,669	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50,318	102,500	4
8	6,440	.....	.....	230	91,802	.....	.....	2	100	12	6,000	.....	.....	.....	.....	53,088	238,610	5
5	1,988	.....	.....	56	12,617	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55,975	79,500	6
7	4,175	.....	.....	90	59,041	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	84,931	177,935	7
11	9,484	.....	.....	35	28,900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,102	79,330	8
12	10,354	.....	.....	301	226,013	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	193,201	429,568	9
11	13,684	.....	.....	25	27,668	.....	.....	.....	.....	57	60,962	7	4,100	.....	.....	84,195	245,019	10
5	3,780	3	1,800	9	6,744	5	1,280	.....	.....	.....	.....	.....	.....	.....	.....	18,394	48,550	11
10	9,738	.....	.....	24	17,913	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	237,245	302,965	12
12	13,300	.....	.....	86	63,935	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96,964	186,813	13
2	2,600	.....	.....	10	12,960	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,810	43,798	14
6	7,340	.....	.....	46	42,970	1	360	.....	.....	.....	.....	.....	.....	.....	.....	60,930	204,645	15
24	19,680	.....	.....	579	295,397	1	420	.....	.....	25	10,000	.....	.....	.....	.....	546,575	1,178,380	16
20	22,978	.....	.....	116	94,466	.....	.....	.....	.....	14	15,000	.....	.....	.....	.....	259,371	462,721	17
1	624	7	5,808	.....	.....	14	8,920	.....	.....	1	600	.....	.....	.....	.....	39,700	83,000	18
6	7,200	.....	.....	15	11,840	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,145	64,948	19
8	7,216	.....	.....	8	7,744	.....	.....	1	100	5	3,400	2	1,500	.....	.....	10,898	50,000	20
7	9,400	.....	.....	52	49,326	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	89,450	170,000	21
50	64,241	2	1,350	186	187,094	10	6,444	7	2,096	49	67,096	3	2,541	.....	.....	101,519	569,226	22
10	9,800	.....	.....	30	29,672	.....	.....	.....	.....	1	100	.....	.....	.....	.....	43,054	100,940	23
2	1,120	.....	.....	29	27,424	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53,240	100,900	24
4	2,194	.....	.....	6	2,652	.....	.....	.....	.....	4	2,540	1	624	.....	.....	9,539	23,770	25
1	1,200	.....	.....	12	15,556	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,492	26,460	26
26	23,339	4	3,400	108	75,852	31	17,620	1	312	27	7,519	.....	.....	.....	.....	182,264	417,520	27

architectural and ornamental, 2; lime and cement, 2; lock and gun smithing, 2; looking-glass and picture frames, 2; marble and stone work, 2; timber products, not manufactured at mill, 1; umbrellas and canes, 1.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

MONTANA—Continued.

BY COUNTIES.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	The State	289	$4,293,794	$2,448,313	$561,265	$689,165	$1,197,883	$1,845,481	$296,684	2,696	$1,948,213
2	Beaverhead	6	58,460	45,350	2,500	21,800	21,050	13,110	3,381	22	14,247
3	Cascade	17	275,075	112,975	29,950	34,900	48,125	162,100	12,878	124	91,014
4	Cheteau	4	16,720	11,180	.....	1,500	9,680	5,540	2,023	24	10,138
5	Custer	4	27,000	8,950	.....	.....	8,950	18,050	5,214	21	17,024
6	Dawson	5	65,652	50,105	3,515	22,760	23,830	15,547	1,092	52	41,801
7	Deerlodge	26	161,944	88,445	7,450	29,575	51,420	73,499	15,939	186	139,524
8	Fergus	6	23,571	12,620	600	1,375	10,645	10,951	2,681	26	11,801
9	Gallatin	18	250,278	93,198	25,950	29,100	38,148	157,080	11,818	104	54,835
10	Lewis and Clarke	62	1,081,431	763,727	201,575	220,350	341,802	317,704	77,989	528	377,906
11	Madison	12	117,650	75,850	7,750	16,150	51,950	41,800	3,092	66	26,750
12	Meagher	5	38,955	24,640	5,800	9,110	9,730	14,315	3,613	29	15,829
13	Missoula	30	844,021	338,785	69,275	71,410	198,100	505,236	44,993	628	389,743
14	Park	26	406,126	309,060	76,060	75,325	157,675	97,066	13,188	254	157,564
15	Silverbow	65	909,061	497,928	129,840	153,310	214,778	411,133	96,501	622	591,787
16	All other counties (a)	3	17,850	15,500	1,000	2,500	12,000	2,350	2,282	10	8,250

a Includes establishments distributed as follows: Jefferson, 2; Yellowstone, 1.

NEBRASKA.

BY SPECIFIED INDUSTRIES.

1	All industries	3,014	37,569,508	20,416,158	4,668,810	7,465,566	8,281,782	17,153,350	5,395,242	23,876	12,984,571
2	Agricultural implements	6	55,625	25,700	4,000	9,500	12,200	29,925	2,004	30	7,339
3	Awnings, tents, and sails	3	11,050	1,700	.....	.....	1,700	9,350	1,962	24	10,586
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	410	642,916	375,299	155,976	119,850	99,473	267,617	41,063	771	461,110
5	Boots and shoes, custom work and repairing.	149	91,940	69,819	33,000	20,555	16,264	22,121	16,390	203	101,216
6	Bread and other bakery products	57	560,941	348,503	139,100	95,950	113,453	212,438	36,964	512	235,315
7	Brick and tile. (See also Clay and pottery products.)	155	2,791,774	1,770,372	674,760	614,775	480,837	1,021,402	138,257	2,720	844,850
8	Brooms and brushes	18	41,516	18,175	10,115	4,950	3,110	23,341	4,162	43	17,526
9	Carpentering	174	573,544	291,160	159,330	66,685	65,145	282,384	40,431	978	663,195
10	Carpets, rag	3	5,260	5,025	3,300	1,500	225	235	55	5	1,625
11	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	36	368,921	247,425	151,960	69,215	26,250	121,496	11,773	266	168,929
12	Cars and general shop construction and repairs by steam railroad companies.	9	1,245,519	896,350	135,530	426,240	334,580	349,169	.....	2,069	1,167,083
13	Cars and general shop construction and repairs by street railroad companies.	3	7,625	5,850	4,000	1,250	600	1,775	69	5	5,500
14	Cheese, butter, and condensed milk, factory product.	58	339,165	222,719	22,270	116,216	84,233	116,446	49,563	475	180,367
15	Clothing, men's, custom work and repairing.	131	413,048	70,936	29,275	24,165	17,496	342,112	67,971	676	421,305
16	Clothing, men's, factory product	5	148,686	17,319	1,400	4,200	11,719	131,367	9,631	247	79,650
17	Clothing, women's, dressmaking	101	70,747	47,391	27,325	11,525	8,541	23,356	18,782	364	124,485
18	Coffins and burial cases, trimming and finishing.	3	4,400	375	.....	.....	375	4,025	595	5	2,040
19	Confectionery	18	142,196	27,128	.....	.....	27,128	115,068	23,849	249	128,462
20	Cooperage	7	394,782	64,007	21,500	7,700	34,807	330,775	63,869	65	54,576
21	Dentistry, mechanical	14	13,450	7,900	600	1,200	6,100	5,550	3,359	17	11,501
22	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	5	3,585	450	.....	.....	450	3,135	634	8	2,976
23	Dyeing and cleaning	0	14,227	12,800	3,000	3,600	6,200	1,427	3,134	24	13,504
24	Flouring and grist mill products	185	3,586,090	2,555,245	401,410	727,055	1,426,780	1,030,845	204,134	922	475,741
25	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	34	909,315	701,950	294,890	112,035	295,025	207,365	30,909	485	338,654
26	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sances.)	7	211,347	123,330	19,100	50,927	53,303	88,017	13,960	604	38,392
27	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, chairs; Mattresses and spring beds.)	22	64,625	41,405	14,200	20,700	6,505	23,220	4,093	59	35,524
28	Gas, illuminating and heating	9	1,721,530	1,656,622	244,200	176,500	1,235,922	64,908	108,179	67	47,695
29	Grease and tallow. (See also Soap and candles.)	4	25,100	20,100	5,000	3,300	11,800	5,000	3,266	24	17,436
30	Hand stamps	6	17,050	9,500	.....	.....	9,500	7,550	2,681	23	15,954
31	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	13	173,491	23,095	5,500	6,200	11,395	150,396	8,807	175	129,262

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

MONTANA—Continued.

BY COUNTIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
291	$281,702	19	$14,098	2,105	$1,432,779	62	$35,044	11	$2,608	195	$173,217	13	$8,765	.....	.....	$2,375,093	$5,507,573	1
7	5,650	.....	.....	14	8,237	1	360	.....	.....	.....	.....	.....	.....	.....	.....	8,572	29,740	2
24	22,015	.....	.....	68	52,559	.....	.....	1	96	31	16,344	.....	.....	.....	.....	274,077	553,166	3
9	8,234	.....	.....	15	1,904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,707	27,500	4
5	5,410	.....	.....	15	10,990	.....	.....	.....	.....	.....	.....	1	624	.....	.....	10,665	38,224	5
4	3,012	.....	.....	47	37,889	.....	.....	.....	.....	1	900	.....	.....	.....	.....	32,803	78,226	6
25	21,815	.....	.....	144	91,165	1	624	1	312	15	25,608	.....	.....	.....	.....	78,063	267,514	7
4	2,440	.....	.....	22	9,361	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,354	42,158	8
24	14,813	1	750	79	39,272	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	166,204	270,817	9
64	58,326	1	900	411	279,036	14	6,440	1	416	30	27,940	7	4,848	.....	.....	343,265	948,890	10
8	5,638	.....	.....	58	21,112	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46,996	89,359	11
2	1,174	.....	.....	24	12,535	3	2,120	.....	.....	.....	.....	.....	.....	.....	.....	22,469	47,950	12
26	26,366	.....	.....	592	353,327	2	876	.....	.....	7	9,081	1	93	.....	.....	435,546	1,002,136	13
20	14,998	.....	.....	202	134,167	3	500	1	180	28	7,719	.....	.....	.....	.....	249,116	472,408	14
68	90,811	17	12,448	405	373,975	38	24,124	7	1,604	83	85,625	4	3,200	.....	.....	671,729	1,617,361	15
1	1,000	.....	.....	9	7,250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,527	22,100	16

NEBRASKA.

BY SPECIFIED INDUSTRIES.

3,184	2,595,196	242	117,897	17,434	9,420,237	1,230	332,654	611	84,086	829	387,394	243	44,306	103	$2,801	67,334,532	93,037,794	1
3	712	.....	.....	23	6,102	.....	.....	1	75	3	450	.....	.....	.....	.....	6,610	18,292	2
3	2,810	.....	.....	7	3,914	13	3,792	.....	.....	.....	.....	.....	.....	1	70	15,710	30,965	3
361	226,333	.....	.....	393	229,454	.....	.....	3	618	14	4,765	.....	.....	.....	.....	229,652	922,685	4
121	61,511	1	550	75	37,566	.....	.....	.....	.....	6	1,589	.....	.....	.....	.....	54,503	205,868	5
96	69,534	11	4,416	285	137,291	77	19,226	42	4,592	1	256	.....	.....	.....	.....	595,302	1,087,713	6
133	84,309	1	155	2,377	726,607	4	497	145	20,102	60	13,180	.....	.....	.....	.....	484,918	2,173,632	7
13	5,332	.....	.....	24	9,160	.....	.....	.....	.....	6	3,025	.....	.....	.....	.....	27,375	67,151	8
152	134,041	.....	.....	813	524,584	.....	.....	.....	.....	13	4,570	.....	.....	.....	.....	1,156,273	2,148,077	9
2	925	2	400	1	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,519	3,214	10
36	33,352	.....	.....	224	131,512	.....	.....	2	725	4	3,340	.....	.....	.....	.....	196,502	441,539	11
28	20,877	.....	.....	2,041	1,146,206	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	900,825	2,067,908	12
.....	.....	.....	.....	5	5,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,354	7,909	13
47	29,241	.....	.....	387	149,353	6	1,023	1	30	4	320	20	250	10	150	868,839	1,183,060	14
129	107,174	.....	.....	220	143,753	19	4,801	1	220	294	161,217	13	4,140	.....	.....	361,359	985,821	15
7	7,604	2	1,040	29	14,780	151	42,940	13	1,586	.....	.....	45	11,700	.....	.....	178,491	348,100	16
2	1,770	98	47,902	1	300	249	73,566	1	100	.....	.....	13	847	.....	.....	75,998	244,620	17
3	1,940	.....	.....	2	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,182	10,050	18
60	57,623	12	4,408	95	48,617	70	15,428	9	1,556	2	700	1	130	.....	.....	279,534	498,412	19
9	11,968	.....	.....	26	27,134	.....	.....	.....	.....	30	15,474	.....	.....	.....	.....	629,519	821,250	20
13	10,108	.....	.....	4	1,393	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,548	21,850	21
6	2,470	.....	.....	2	506	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,540	7,710	22
8	6,104	.....	.....	10	6,124	5	886	.....	.....	1	390	.....	.....	.....	.....	3,812	29,910	23
226	150,553	6	1,880	670	319,640	.....	.....	5	918	15	2,750	.....	.....	.....	.....	5,031,858	6,365,492	24
47	56,620	3	869	431	280,757	1	94	1	24	2	290	.....	.....	.....	.....	491,841	943,311	25
4	542	.....	.....	209	25,876	120	7,370	35	787	30	1,200	61	1,344	85	1,273	120,720	201,549	26
20	11,823	.....	.....	37	23,077	1	520	1	104	.....	.....	.....	.....	.....	.....	32,551	87,461	27
12	14,662	.....	.....	55	33,033	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	106,387	394,365	28
6	5,580	.....	.....	18	11,856	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30,380	64,100	29
5	4,766	3	1,144	12	9,004	.....	.....	2	442	1	598	.....	.....	.....	.....	7,177	31,000	30
16	19,665	.....	.....	159	109,597	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	145,106	356,390	31

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEBRASKA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregate.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
32	Jewelry. (See also Watch, clock, and jewelry repairing.)	6	$11,725	$10,000	.....	.....	$10,000	$1,725	$12,434	45	$55,630
33	Liquors, malt. (See also Bottling.)	14	1,464,211	914,036	$291,400	$342,600	280,036	550,175	219,854	200	166,183
34	Lock and gun smithing	14	11,065	9,348	2,150	3,150	4,048	1,717	1,689	22	10,762
35	Looking-glass and picture frames	5	7,665	915	.....	.....	915	6,750	1,771	12	9,322
36	Lumber and other mill products from logs or bolts.	31	96,539	57,845	7,670	9,500	40,675	38,694	6,714	162	50,197
37	Lumber, planing mill products, including sash, doors, and blinds. (See also Wood, turned and carved.)	24	561,076	350,077	145,200	73,050	131,827	210,999	37,060	542	394,800
38	Marble and stone work. (See also Monuments and tombstones.)	12	271,655	111,000	71,000	18,100	21,900	160,655	8,824	212	182,991
39	Masonry, brick and stone. (See also Plastering and stuccowork.)	32	177,279	55,775	11,100	4,615	40,060	121,504	18,084	649	451,188
40	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope, and cable.)	4	45,242	36,700	20,700	10,500	5,500	8,542	1,543	44	10,244
41	Millinery, custom work	46	122,895	5,920	2,150	1,850	1,920	116,975	27,960	161	71,933
42	Mineral and soda waters. (See also Bottling.)	22	315,170	237,775	116,285	68,090	53,400	77,395	14,082	109	66,776
43	Monuments and tombstones. (See also Marble and stone work.)	20	94,135	27,216	18,675	5,640	2,901	66,919	17,424	71	48,322
44	Painting and paper hanging	48	261,705	108,475	60,700	33,235	14,540	153,230	31,331	429	321,039
45	Paints	4	424,317	197,502	79,000	29,500	89,002	226,815	45,967	99	66,057
46	Paper	3	185,500	171,350	40,600	50,000	80,750	14,150	14,908	78	22,352
47	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	6	174,385	46,700	33,000	10,100	3,600	127,685	23,719	36	26,505
48	Paving and paving materials	8	236,043	30,717	.....	.....	30,717	205,326	29,471	241	139,515
49	Photography	43	86,506	68,405	12,200	8,600	47,605	18,101	21,088	122	80,661
50	Plastering and stuccowork. (See also Masonry, brick and stone.)	17	11,552	5,777	1,125	1,675	2,977	5,775	2,246	59	33,140
51	Plumbing and gas fitting	38	409,880	54,525	10,300	6,950	37,275	355,355	35,251	452	347,196
52	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	31	373,645	238,784	10,800	18,100	209,884	134,861	36,799	377	231,339
53	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	412	2,143,488	1,299,101	93,932	155,480	1,049,689	844,387	432,539	1,918	1,125,363
54	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet iron working.)	10	17,120	5,190	600	1,100	3,490	11,930	2,417	34	17,437
55	Saddlery and harness	151	723,433	201,465	89,775	78,265	33,425	521,968	62,111	543	312,116
56	Shirts. (See also Furnishing goods, men's.)	4	3,005	1,300	.....	.....	1,300	1,705	1,483	23	9,052
57	Slaughtering and meat packing, wholesale. (See also Slaughtering, wholesale, not including meat packing; Sausage.)	6	4,305,700	1,569,000	147,000	927,000	495,000	2,736,700	443,550	1,981	1,127,382
58	Soap and candles. (See also Grease and tallow.)	4	116,625	76,950	51,050	13,675	12,225	39,675	5,216	40	24,218
59	Sugar and molasses, refining	16	196,634	46,039	10,567	21,138	14,334	150,595	7,694	86	17,075
60	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	103	284,380	136,920	54,000	37,425	45,495	147,460	25,231	315	187,416
61	Tobacco, cigars and cigarettes	84	261,610	58,319	22,435	24,100	12,284	202,797	71,485	438	213,330
62	Trunks and valises	4	23,350	3,700	2,000	600	1,100	19,650	5,207	19	12,949
63	Vinegar and cider	4	65,900	54,000	11,000	14,500	28,500	11,900	4,335	27	18,210
64	Watch, clock, and jewelry repairing. (See also Jewelry.)	52	49,304	30,032	2,150	3,850	24,032	19,772	10,634	94	62,489
65	Windmills	5	265,876	85,245	14,550	34,190	36,505	180,631	12,147	110	60,633
66	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	14	132,691	34,585	1,850	1,800	30,935	98,106	18,913	72	30,963
67	Woodenwares, not elsewhere specified	3	16,410	11,775	2,060	5,300	4,415	4,635	627	23	8,495
68	All other industries (*a*)	62	8,971,821	4,405,545	671,045	2,756,095	978,405	4,566,276	2,772,908	1,918	1,169,493

a Embraces ammunition, 1; bags, other than paper, 1; baking and yeast powders, 2; bluing, 1; bookbinding and blank-book making, 2; boot and shoe uppers, 2; boots and shoes, factory product, 1; bottling, 2; boxes, cigar, 2; boxes, fancy and paper, 1; bridges, 1; carriage and wagon materials, 1; clay and pottery products, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; cordage and twine, 1; electroplating, 1; engraving and diesinking, 2; food preparations, 1; furnishing goods, men's, 1; furniture, chairs, 1; furniture, factory product, 2; gas and lamp fixtures, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1; hairwork, 1; hand knit goods, 1; hardware, 2; hats and caps, not including wool hats, 1; hay and straw, baling, 1; hosiery and knit goods, 1;

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEBRASKA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
4	$6,200	.....	.....	41	$49,430	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$34,320	$137,500	32
27	40,330	1	$520	172	125,333	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	357,266	1,079,865	33
14	7,612	.....	.....	6	2,890	.....	.....	2	$260	.....	.....	.....	.....	.....	.....	2,740	19,782	34
5	4,780	.....	.....	7	4,542	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,082	26,501	35
24	9,700	.....	.....	138	40,497	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63,552	154,945	36
43	54,337	2	1,316	493	338,079	.....	.....	4	1,068	.....	.....	.....	.....	.....	.....	484,663	1,112,412	37
17	17,995	.....	.....	195	164,996	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	151,284	404,290	38
35	32,656	.....	.....	614	418,532	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	842,234	1,485,199	39
8	3,920	.....	.....	36	6,324	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,072	18,000	40
6	6,770	43	25,183	.....	.....	98	$37,350	.....	.....	2	$100	12	$2,530	.....	.....	154,115	301,202	41
21	18,729	.....	.....	85	47,564	1	175	1	208	1	100	.....	.....	.....	.....	74,028	252,411	42
28	21,554	.....	.....	42	26,718	.....	.....	.....	.....	1	50	.....	.....	.....	.....	64,782	183,630	43
59	54,368	2	403	366	265,982	.....	.....	2	286	.....	.....	.....	.....	.....	.....	246,115	694,120	44
21	28,820	1	520	73	35,718	2	625	2	374	.....	.....	.....	.....	.....	.....	369,917	533,315	45
3	2,760	.....	.....	73	18,992	2	600	.....	.....	.....	.....	.....	.....	.....	.....	27,128	90,995	46
17	16,885	1	480	14	8,850	3	240	.....	.....	1	50	.....	.....	.....	.....	1,181,271	1,267,609	47
12	17,730	.....	.....	229	121,785	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	286,331	585,389	48
41	36,112	7	4,042	52	33,181	15	6,350	2	270	3	560	2	146	.....	.....	41,270	183,949	49
14	8,582	.....	.....	45	24,558	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,744	70,147	50
62	79,348	2	800	375	264,104	.....	.....	9	2,184	4	760	.....	.....	.....	.....	592,565	1,126,972	51
59	58,336	2	920	227	144,654	38	12,921	40	8,756	8	4,192	3	1,560	.....	.....	162,219	546,185	52
435	335,523	28	12,621	1,053	660,909	136	42,824	144	17,464	104	49,516	18	6,506	.....	.....	569,920	2,676,183	53
6	4,348	.....	.....	28	13,089	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,273	57,917	54
123	89,880	1	884	393	207,744	.....	.....	.....	.....	25	13,408	1	200	.....	.....	486,405	1,028,540	55
4	3,300	1	700	1	300	14	4,272	.....	.....	3	480	.....	.....	.....	.....	6,730	21,014	56
118	110,999	.....	.....	1,755	975,583	.....	.....	53	7,900	39	28,100	16	4,800	.....	.....	21,717,327	24,026,876	57
7	7,760	.....	.....	29	15,106	4	1,352	.....	.....	.....	.....	.....	.....	.....	.....	154,659	237,250	58
7	2,440	.....	.....	77	14,552	1	70	1	13	.....	.....	.....	.....	.....	.....	261,626	323,912	59
82	63,049	1	300	211	112,595	3	780	2	316	16	10,376	.....	.....	.....	.....	215,546	540,800	60
70	50,290	2	1,248	181	100,955	31	8,271	33	5,173	90	40,199	24	5,886	7	$1,308	203,032	578,936	61
4	3,600	.....	.....	14	9,229	.....	.....	1	120	.....	.....	.....	.....	.....	.....	9,910	32,600	62
7	6,900	.....	.....	20	11,310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,771	68,262	63
35	24,124	.....	.....	56	37,741	.....	.....	.....	.....	3	624	.....	.....	.....	.....	29,041	125,466	64
21	13,350	1	450	78	42,583	.....	.....	2	325	8	3,925	.....	.....	.....	.....	57,218	151,050	65
8	9,688	.....	.....	64	21,275	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	178,157	245,418	66
5	2,382	.....	.....	9	3,313	.....	.....	.....	.....	6	1,300	3	1,500	.....	.....	12,940	25,210	67
164	200,090	8	4,746	1,487	888,119	166	46,681	51	7,490	29	19,600	11	2,767	.....	.....	26,150,894	30,854,598	68

kaolin and other earth grinding, 1; kindling wood, 1; leather, tanned and curried, 1; liquors, distilled, 1; models and patterns, 2; musical instruments and materials, not specified, 1; oil, linseed, 1; pens, gold, 1; pickles, preserves, and sauces, 2; safes and vaults, 1; sausage, 1; scales and balances, 1; show cases, 1; slaughtering, wholesale, not including meat packing, 1; smelting and refining, 1; starch, 1; taxidermy, 1; tools, not elsewhere specified, 1; washing machines and clothes wringers, 2; wood, turned and carved, 1.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEBRASKA—Continued.

BY COUNTIES.

[No manufactures reported from the following counties: Arthur, Gosper, and Logan.]

	COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	The State	3,014	$37,569,508	$20,416,158	$4,668,810	$7,465,566	$8,281,782	$17,153,350	$5,395,242	23,876	$12,984,571
2	Adams	151	648,128	330,613	51,595	81,900	197,118	317,515	83,949	701	327,217
3	Antelope	30	115,254	79,664	15,755	22,846	41,063	35,590	11,285	131	38,333
4	Banner	4	18,575	3,195	205	940	2,050	15,380	329	10	3,644
5	Boone	32	118,087	79,675	13,225	24,610	41,840	38,412	5,028	60	27,379
6	Boxbutte	8	20,565	14,440	3,525	5,465	5,450	6,125	1,725	39	16,317
7	Brown	15	76,957	45,025	12,600	12,600	19,825	31,932	5,290	48	20,019
8	Buffalo	88	524,479	324,280	62,391	93,475	168,414	200,199	43,277	508	252,603
9	Burt	45	122,530	71,845	9,215	28,290	34,340	50,685	7,269	124	41,396
10	Butler	36	94,842	59,165	9,490	15,810	33,865	35,677	6,641	101	32,849
11	Cass	71	656,727	466,760	122,215	99,185	245,360	189,967	16,762	888	397,221
12	Cedar	9	24,205	20,105	1,160	6,670	12,275	4,100	2,186	25	8,227
13	Chase	7	46,799	40,880	14,850	10,050	15,980	5,919	1,948	23	11,252
14	Cherry	6	17,110	10,475	925	1,550	8,000	6,635	1,553	17	6,733
15	Cheyenne	6	29,186	22,950	2,150	6,525	14,275	6,236	3,309	19	9,909
16	Clay	31	110,905	74,405	14,470	22,125	37,810	36,500	5,755	123	54,969
17	Colfax	29	90,380	56,825	8,670	21,540	26,615	33,555	10,071	77	37,994
18	Cuming	31	166,546	138,115	41,430	58,075	38,610	28,431	6,754	137	45,650
19	Custer	24	113,802	83,235	7,615	19,640	55,980	30,567	7,201	79	29,963
20	Dakota	3	6,450	4,000	900	600	2,500	2,450	755	10	3,802
21	Dawes	15	68,066	50,965	5,115	15,200	30,650	17,101	5,784	49	17,401
22	Dawson	27	170,560	96,285	6,570	36,400	53,315	74,275	6,791	104	48,887
23	Dixon	11	46,620	37,220	6,345	10,225	20,650	9,400	1,299	38	10,738
24	Dodge	94	744,465	480,696	96,120	185,350	199,226	263,769	61,059	470	247,869
25	Douglas	728	22,997,906	11,962,756	3,129,965	4,895,409	3,937,391	11,035,150	4,173,073	11,688	7,463,746
26	Dundy	3	5,340	3,675	900	800	1,975	1,665	1,193	10	4,032
27	Fillmore	22	92,388	50,470	4,525	19,380	26,565	41,918	7,188	165	37,676
28	Franklin	21	67,020	44,455	6,210	11,795	26,450	22,565	5,750	48	17,096
29	Frontier	5	24,680	19,375	1,125	8,800	9,450	5,305	1,583	13	5,976
30	Furnas	23	124,654	94,557	16,550	18,167	59,840	30,097	5,579	56	20,089
31	Gage	128	1,202,358	600,468	104,275	200,342	295,851	601,890	77,237	954	444,924
32	Greeley	22	80,089	62,965	8,185	17,160	37,620	17,124	8,391	50	17,624
33	Hall	77	748,116	575,355	116,800	222,350	236,205	172,761	46,720	766	346,245
34	Hamilton	23	77,335	48,015	7,510	18,655	21,850	29,320	16,340	85	34,657
35	Harlan	14	67,950	54,690	9,960	12,890	31,840	13,260	7,761	38	14,549
36	Hayes	3	4,590	3,600	300	1,000	2,300	990	602	6	2,299
37	Hitchcock	6	10,056	7,350	800	1,050	5,500	2,706	1,132	15	5,484
38	Holt	27	60,361	48,285	3,070	13,250	31,965	12,076	6,753	48	18,616
39	Howard	24	135,010	84,415	7,200	26,790	50,425	50,595	13,978	97	34,543
40	Jefferson	26	109,865	81,465	16,875	29,080	35,510	28,400	7,821	83	35,397
41	Johnson	7	19,450	14,130	230	1,100	12,800	5,320	1,913	15	6,854
42	Kearney	11	74,793	59,732	3,255	25,750	30,727	15,061	9,189	49	24,765
43	Keith	5	31,762	21,685	1,010	8,160	12,575	10,077	2,821	10	5,118
44	Kimball	4	5,213	3,678	310	1,718	1,650	1,535	417	6	2,235
45	Knox	5	35,585	27,375	875	4,500	22,000	8,210	1,884	38	13,036
46	Lancaster	210	3,248,062	1,400,615	295,417	315,390	789,808	1,847,447	362,011	2,359	1,329,469
47	Lincoln	8	23,485	7,050	650	1,700	4,700	16,435	3,921	24	12,360
48	Loup	6	4,695	1,980	150	905	925	2,715	190	9	2,825
49	Madison	33	198,323	119,160	14,575	36,635	67,950	79,163	16,367	222	73,514
50	Merrick	26	75,031	38,490	2,490	8,800	27,200	36,541	6,596	62	26,234
51	Nance	18	32,225	13,940	5,240	2,125	6,575	18,285	3,716	50	17,236
52	Nemaha	12	60,417	44,925	10,575	7,725	26,625	15,492	5,434	31	11,621
53	Nuckolls	31	146,628	97,150	13,380	23,865	59,905	49,478	19,792	136	45,246
54	Otoe	147	986,304	474,513	75,300	189,880	209,333	511,791	84,343	839	334,090
55	Pawnee	10	43,569	26,194	1,740	7,450	17,004	17,375	7,024	91	29,057
56	Perkins	6	11,365	4,350	435	515	3,400	7,015	827	10	3,015
57	Phelps	17	166,680	100,215	12,180	33,850	54,185	66,465	6,709	106	50,507
58	Pierce	16	70,250	38,450	2,575	4,275	31,600	31,809	15,032	31	15,998
59	Platte	19	172,698	104,145	10,745	45,475	47,925	68,553	15,235	99	49,451
60	Polk	24	76,980	26,485	5,917	8,893	11,675	50,495	4,898	71	20,918
61	Redwillow	30	134,580	93,605	18,105	23,450	52,050	40,975	8,979	185	92,888
62	Richardson	27	114,958	82,956	13,515	20,000	49,441	32,002	6,892	84	33,605
63	Rock	5	6,380	3,690	225	765	2,700	2,690	878	10	6,004
64	Saline	97	610,861	393,033	78,875	134,040	180,118	217,828	42,950	328	139,436
65	Sarpy	6	134,490	110,100	20,300	40,000	49,800	24,390	8,582	48	26,106
66	Saunders	32	180,234	132,875	24,710	40,390	67,775	47,359	10,374	130	40,647
67	Scotts Bluff	3	3,532	2,035	560	475	1,000	1,497	479	16	3,261
68	Seward	63	329,430	193,565	41,690	67,875	84,000	135,865	18,804	224	85,503
69	Sheridan	12	32,027	25,904	1,600	4,895	19,409	6,123	4,219	40	11,866
70	Sherman	8	18,350	13,370	910	3,255	9,205	4,980	1,345	16	6,578
71	Sioux	6	8,473	5,880	775	355	4,750	2,593	1,257	22	4,586

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEBRASKA—Continued.

BY COUNTIES.

[No manufactures reported from the following counties: Arthur, Gosper, and Logan.]

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecesworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
3,184	$2,595,196	242	$117,897	17,434	$9.420,237	1,230	$332,654	611	$84,086	829	$387,394	243	$44,306	103	$2,801	$67,334,532	$93,037,794	1
133	81,325	19	6,162	414	193,637	55	15,121	15	1,693	57	27,340	8	1,939	.....	.....	529,871	1,114,557	2
24	11,536	.....	.....	101	26,297	.....	.....	6	500	.....	.....	.....	.....	.....	.....	120,252	191,287	3
2	1,144	.....	.....	8	2,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,435	14,932	4
21	12,192	.....	.....	35	13,861	1	100	.....	.....	3	1,226	.....	.....	.....	.....	117,350	179,539	5
3	1,013	.....	.....	35	15,179	1	125	.....	.....	.....	.....	.....	.....	.....	.....	12,841	35,716	6
12	5,566	.....	.....	29	10,654	2	439	.....	.....	5	3,360	.....	.....	.....	.....	95,944	146,445	7
52	31,696	4	1,830	385	194,929	18	5,970	8	1,036	37	16,442	4	700	.....	.....	480,198	895,304	8
38	18,260	.....	.....	79	22,332	1	204	1	100	5	500	.....	.....	.....	.....	73,445	153,586	9
25	11,013	.....	.....	59	18,029	12	3,610	5	197	.....	.....	.....	.....	.....	.....	94,403	159,604	10
61	37,589	1	624	729	348,053	5	1,282	12	1,005	17	6,916	17	344	46	1,408	547,867	1,022,943	11
4	898	.....	.....	20	7,069	1	260	.....	.....	.....	.....	.....	.....	.....	.....	13,187	27,075	12
14	7,252	.....	.....	9	4,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42,609	62,973	13
4	2,140	.....	.....	13	4,593	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,406	22,722	14
9	5,922	.....	.....	8	3,628	2	350	.....	.....	.....	.....	.....	.....	.....	.....	22,240	38,450	15
30	16,376	.....	.....	92	38,521	1	72	.....	.....	.....	.....	.....	.....	.....	.....	189,216	276,630	16
22	11,178	.....	.....	45	22,182	.....	.....	1	150	9	4,484	.....	.....	.....	.....	64,487	141,330	17
19	11,634	1	155	101	29,941	6	1,308	6	512	4	2,100	.....	.....	.....	.....	118,193	203,935	18
25	13,068	.....	.....	43	13,747	3	1,176	1	72	7	1,900	.....	.....	.....	.....	94,206	152,081	19
3	1,177	.....	.....	3	1,950	3	625	1	50	.....	.....	.....	.....	.....	.....	2,465	7,990	20
16	7,473	.....	.....	31	9,028	2	900	.....	.....	.....	.....	.....	.....	.....	.....	41,268	72,386	21
18	12,694	.....	.....	83	35,587	2	556	1	50	.....	.....	.....	.....	.....	.....	241,168	321,522	22
13	6,153	.....	.....	22	4,335	.....	.....	.....	.....	3	250	.....	.....	.....	.....	27,942	46,300	23
82	58,662	2	525	336	175,238	7	2,240	20	3,154	17	5,666	5	2,324	1	60	868,672	1,387,790	24
1,243	1,352,756	130	71,886	8,874	5,571,990	716	216,786	306	48,975	327	178,688	92	22,665	.....	.....	52,528,477	67,946,160	25
2	1,208	.....	.....	5	1,992	1	416	2	416	.....	.....	.....	.....	.....	.....	2,285	9,177	26
24	11,474	.....	.....	70	24,522	20	520	10	87	1	180	25	680	15	213	121,855	179,709	27
13	6,846	.....	.....	29	9,105	2	225	.....	.....	4	920	.....	.....	.....	.....	87,089	124,095	28
6	2,921	.....	.....	7	3,055	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,299	31,102	29
14	6,774	.....	.....	40	12,977	1	260	1	78	.....	.....	.....	.....	.....	.....	70,371	106,914	30
110	78,395	15	6,344	694	326,430	79	12,027	15	1,729	33	17,391	8	2,608	.....	.....	614,102	1,355,624	31
14	6,082	.....	.....	34	11,189	1	340	1	13	.....	.....	.....	.....	.....	.....	89,870	125,407	32
54	42,582	4	2,120	550	262,798	69	7,492	27	1,106	42	24,257	20	5,890	.....	.....	625,421	1,163,116	33
17	10,512	.....	.....	66	23,620	1	325	.....	.....	.....	.....	1	200	.....	.....	80,306	150,589	34
12	5,552	.....	.....	19	8,348	3	475	4	174	.....	.....	.....	.....	.....	.....	53,056	92,568	35
3	1,399	.....	.....	1	500	2	400	.....	.....	.....	.....	.....	.....	.....	.....	2,033	6,278	36
3	1,636	.....	.....	7	2,700	2	624	1	104	2	330	.....	.....	.....	.....	2,881	12,105	37
25	11,469	2	620	16	5,752	3	700	2	75	.....	.....	.....	.....	.....	.....	51,491	92,120	38
16	9,086	.....	.....	81	25,457	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	201,261	287,833	39
21	9,078	1	156	58	25,109	1	354	.....	.....	2	700	.....	.....	.....	.....	79,741	139,445	40
8	4,004	.....	.....	7	2,850	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,323	16,550	41
13	8,710	.....	.....	33	15,645	2	360	1	50	.....	.....	.....	.....	.....	.....	174,061	238,705	42
3	1,696	.....	.....	6	3,065	1	357	.....	.....	.....	.....	.....	.....	.....	.....	23,436	36,322	43
.....	.....	.....	.....	6	2,235	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,225	6,680	44
4	1,716	.....	.....	32	10,920	2	400	.....	.....	.....	.....	.....	.....	.....	.....	143,850	203,162	45
284	273,503	28	15,400	1,721	920,490	86	30,289	85	15,102	135	69,305	19	5,310	1	70	3,299,803	6,064,378	46
6	2,636	.....	.....	18	9,724	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,110	42,190	47
4	1,313	.....	.....	3	1,112	.....	.....	.....	.....	2	400	.....	.....	.....	.....	1,316	5,830	48
15	9,827	.....	.....	157	61,501	2	624	13	642	5	520	20	250	10	150	139,909	275,546	49
20	11,579	.....	.....	37	13,457	1	90	1	208	3	900	.....	.....	.....	.....	70,035	120,072	50
8	3,906	.....	.....	38	11,695	1	780	1	75	2	780	.....	.....	.....	.....	12,724	51,568	51
11	5,197	.....	.....	20	6,424	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,104	52,764	52
24	14,713	.....	.....	93	28,472	6	959	2	152	11	950	.....	.....	.....	.....	184,202	316,256	53
131	87,266	17	6,166	524	222,022	35	6,816	26	2,806	56	7,594	20	520	30	900	2,248,732	2,959,287	54
11	6,446	.....	.....	78	21,546	1	365	.....	.....	1	700	.....	.....	.....	.....	75,935	124,075	55
3	1,371	.....	.....	4	1,068	1	300	2	276	.....	.....	.....	.....	.....	.....	1,627	7,350	56
16	10,121	1	400	87	39,801	.....	.....	1	175	1	10	.....	.....	.....	.....	73,445	149,175	57
11	5,794	.....	.....	18	9,966	.....	.....	2	238	.....	.....	.....	.....	.....	.....	155,676	196,993	58
13	7,758	.....	.....	84	41,018	1	550	1	125	.....	.....	.....	.....	.....	.....	139,804	231,144	59
11	5,488	.....	.....	60	15,430	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,638	61,124	60
26	16,111	.....	.....	151	73,277	6	2,000	.....	.....	2	1,500	.....	.....	.....	.....	135,125	262,082	61
18	11,994	.....	.....	61	20,511	4	900	.....	.....	1	200	.....	.....	.....	.....	118,808	178,364	62
6	2,676	.....	.....	3	2,288	1	1,040	.....	.....	.....	.....	.....	.....	.....	.....	2,680	10,591	63
68	37,444	8	3,335	228	92,367	12	2,462	2	182	8	3,450	2	196	.....	.....	662,943	940,435	64
9	7,920	.....	.....	37	18,036	1	100	.....	.....	1	50	.....	.....	.....	.....	44,075	90,225	65
28	13,552	1	100	86	25,072	1	33	11	1,280	2	330	1	280	.....	.....	113,539	195,890	66
1	780	.....	.....	11	2,214	3	237	1	30	.....	.....	.....	.....	.....	.....	1,405	7,589	67
54	26,738	1	350	151	55,645	7	635	.....	.....	11	2,135	.....	.....	.....	.....	263,314	430,163	68
9	2,776	.....	.....	31	9,090	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40,562	74,467	69
12	5,668	.....	.....	3	650	1	260	.....	.....	.....	.....	.....	.....	.....	.....	8,083	18,520	70
2	1,016	.....	.....	20	3,570	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,197	18,607	71

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEBRASKA—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
72	Stanton	15	$44,135	$27,230	$6,630	$7,600	$13,000	$16,905	$1,625	25	$8,312
73	Thayer	21	89,132	57,665	11,815	15,075	30,775	31,467	4,961	62	27,414
74	Valley	10	46,145	33,595	4,970	12,175	16,450	12,550	3,434	23	10,664
75	Washington	16	96,185	44,850	5,775	22,400	16,675	51,335	9,893	149	65,107
76	Wayne	15	71,865	34,115	7,550	9,240	17,325	37,750	2,726	32	16,178
77	Webster	24	70,901	42,790	7,350	9,415	26,025	28,111	5,821	56	23,611
78	York	70	196,646	132,357	23,385	42,865	66,107	64,289	12,958	241	105,898
79	All other counties (a)	14	58,704	29,567	2,235	6,665	20,667	29,137	3,715	24	10,042

a Includes establishments distributed as follows: Blaine, 1; Deuel, 1; Garfield, 2; Grant, 1; Hooker, 2; Keyapaha, 2; McPherson, 1; Thomas, 1; Thurston, 2; Wheeler, 1.

NEVADA.

BY SPECIFIED INDUSTRIES.

1	All industries	95	1,211,269	694,510	203,410	194,123	296,977	516,759	53,869	620	445,503
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	8	19,085	10,405	2,480	5,300	2,625	8,680	518	19	18,601
3	Cars and general shop construction and repairs by steam railroad companies.	6	428,999	189,187	5,700	105,748	77,739	239,812	.....	215	203,103
4	Chemicals	4	393,460	256,368	163,470	27,500	65,398	137,092	22,550	185	67,065
5	Clothing, women's, dressmaking	6	2,235	1,660	250	1,000	410	575	545	12	3,727
6	Millinery, custom work	4	7,627	777	.....	.....	777	6,850	875	7	2,642
7	Printing and publishing, newspapers and periodicals. (See also Printing and publishing, book and job.)	11	73,290	57,200	4,600	10,500	42,100	16,090	14,323	63	58,725
8	Saddlery and harness	5	9,690	2,100	300	1,000	800	7,590	1,043	6	6,652
9	Salt	3	23,500	16,500	5,000	5,500	6,000	7,000	230	22	7,210
10	Tinsmithing, coppersmithing, and sheet-iron working.	4	10,700	5,200	1,500	1,500	2,200	5,500	605	7	3,925
11	All other industries (a)	44	242,683	155,113	20,110	36,075	98,928	87,570	13,180	84	73,853

a Embraces boots and shoes, custom work and repairing, 9; bread and other bakery products, 1; carriages and wagons, including custom work and repairing, 1; cheese and butter, urban dairy product, 1; clothing, men's, custom work and repairing, 6; coffee and spice, roasting and grinding, 1; coffins and burial cases, trimming and finishing, 2; confectionery, 2; dentistry, mechanical, 2; druggists' preparations, not including prescriptions, 1; dyeing and cleaning, 1; foundry and

BY COUNTIES.

[No manufactures reported from the following counties: Humboldt, Lincoln, Lyon, and White Pine.]

1	The State	95	1,211,269	694,510	203,410	194,123	296,977	516,759	53,869	620	445,503
2	Elko	3	84,790	62,525	200	38,000	24,325	22,265	1,136	72	65,796
3	Esmeralda	5	299,960	268,868	163,970	31,500	73,398	31,092	22,590	198	66,613
4	Ormsby	36	485,209	153,888	12,660	60,525	80,703	331,321	9,308	132	122,525
5	Storey	41	213,432	127,867	18,480	21,350	88,037	85,565	16,625	107	96,983
6	Washoe	4	91,508	57,362	3,700	36,248	17,414	34,146	2,490	84	70,604
7	All other counties (a)	6	36,370	24,000	4,400	6,500	13,100	12,370	1,720	27	22,982

a Includes establishments distributed as follows: Churchill, 1; Douglas, 1; Eureka, 2; Lander, 1; Nye, 1.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEBRASKA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
14	$5,812	.....	.....	11	$2,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$20,045	$36,378	72
20	10,543	.....	.....	37	16,134	3	$462	1	$125	1	$150	.....	.....	.....	.....	98,039	147,577	73
8	3,931	.....	.....	11	5,803	4	930	.....	.....	.....	.....	.....	.....	.....	.....	67,119	90,976	74
11	4,586	.....	.....	130	59,204	4	880	4	437	.....	.....	.....	.....	.....	.....	76,342	181,757	75
13	8,490	.....	.....	18	7,584	.....	.....	1	104	.....	.....	.....	.....	.....	.....	40,151	70,335	76
13	7,334	.....	.....	39	15,077	3	400	.....	.....	1	800	.....	.....	.....	.....	102,609	143,807	77
59	36,554	7	$1,724	136	56,688	17	4,759	10	803	11	4,970	1	$400	.....	.....	230,201	417,339	78
10	4,496	.....	.....	13	5,162	1	384	.....	.....	.....	.....	.....	.....	.....	.....	40,137	66,002	79

NEVADA.

BY SPECIFIED INDUSTRIES.

54	64,721	8	4,247	411	328,854	14	2,826	1	120	132	44,735	.....	.....	.....	.....	439,058	1,105,063	1
5	7,356	.....	.....	14	11,245	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,256	33,185	2
6	8,460	.....	.....	209	194,643	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	231,893	435,084	3
3	6,800	.....	.....	82	47,763	.....	.....	.....	.....	100	12,502	.....	.....	.....	.....	75,840	208,300	4
.....	.....	5	2,335	.....	.....	7	1,392	.....	.....	.....	.....	.....	.....	.....	.....	638	5,968	5
.....	.....	3	1,912	.....	.....	4	730	.....	.....	.....	.....	.....	.....	.....	.....	7,886	12,855	6
7	7,784	.....	.....	31	25,458	2	600	1	120	22	24,763	.....	.....	.....	.....	15,227	106,497	7
5	5,644	.....	.....	1	1,008	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,702	16,648	8
.....	.....	.....	.....	22	7,210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	90	21,491	9
2	1,625	.....	.....	4	1,550	.....	.....	.....	.....	1	750	.....	.....	.....	.....	2,708	7,795	10
26	27,052	.....	.....	48	39,977	1	104	.....	.....	9	6,720	.....	.....	.....	.....	88,818	257,240	11

machine shop products, 1; furniture, cabinetmaking, repairing and upholstering, 1; gas, illuminating and heating, 2; liquors, malt, 2; lock and gun smithing, 2; marble and stone work, 1; mattresses and spring beds, 1; mineral and soda waters, 2; monuments and tombstones, 1; oil, lubricating, 1; printing and publishing, book and job, 2; soap and candles, 1.

BY COUNTIES.

[No manufactures reported from the following counties: Humboldt, Lincoln, Lyon, and White Pine.]

54	64,721	8	4,247	411	328,854	14	2,826	1	120	132	44,735	.....	.....	.....	.....	439,058	1,105,063	1
3	4,280	.....	.....	67	61,096	1	300	1	120	.....	.....	.....	.....	.....	.....	30,414	99,775	2
3	6,800	.....	.....	94	47,011	1	300	.....	.....	100	12,502	.....	.....	.....	.....	56,955	171,700	3
23	27,836	4	2,445	95	89,340	7	1,554	.....	.....	3	1,350	.....	.....	.....	.....	210,867	402,323	4
21	22,661	4	1,802	48	40,965	5	672	.....	.....	29	30,883	.....	.....	.....	.....	85,503	268,236	5
1	1,500	.....	.....	83	69,104	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45,209	120,895	6
3	1,644	.....	.....	24	21,338	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,110	42,134	7

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW HAMPSHIRE.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	3,229	$79,375,160	$41,210,934	$8,392,436	$10,884,979	$21,933,519	$38,164,226	$4,363,192	63,361	$24,248,054
2	Agricultural implements	12	145,790	70,650	7,850	23,900	38,900	75,140	5,250	108	44,978
3	Awnings, tents, and sails	3	6,865	415			415	6,450	538	6	4,007
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	285	303,829	159,707	24,093	63,897	71,717	144,122	20,536	459	242,041
5	Bookbinding and blank-book making. (See also Printing and publishing.)	5	17,610	5,950			5,950	11,660	1,879	18	9,297
6	Boot and shoe cut stock	7	24,400	12,900	2,200	5,100	5,600	11,500	1,005	105	37,314
7	Boots and shoes, custom work and repairing.	108	36,450	20,172	2,160	5,300	12,712	16,278	8,029	132	58,889
8	Boots and shoes, factory product	64	3,956,774	1,085,502	50,090	362,875	672,537	2,871,272	256,643	8,069	3,469,908
9	Bottling. (See also Liquors, malt; Mineral and soda waters.)	7	178,572	126,075	101,500	6,000	18,575	52,497	5,903	47	18,786
10	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	11	84,849	31,200	2,600	4,800	23,800	53,649	4,745	175	63,315
11	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	29	331,075	152,630	25,900	46,000	80,730	178,445	16,036	370	156,950
12	Bread and other bakery products	56	183,871	96,885	29,100	30,400	37,385	86,986	28,176	241	128,007
13	Brick and tile. (See also Clay and pottery products.)	62	535,723	231,685	88,475	56,625	86,585	304,038	28,690	1,498	342,275
14	Brooms and brushes	7	22,375	5,805	120	830	4,855	16,570	1,820	37	14,734
15	Carpentering	109	500,620	110,430	13,450	24,550	72,430	390,190	37,379	1,073	627,917
16	Carriage and wagon materials	9	173,216	65,806	1,200	18,945	45,661	107,410	10,329	143	80,320
17	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	93	973,503	381,970	97,055	204,140	80,775	591,533	39,183	585	330,043
18	Cars and general shop construction and repairs by steam railroad companies.	4	205,465	172,835	34,100	94,400	44,335	32,630		143	88,924
19	Cheese, butter, and condensed milk, factory product.	23	71,992	55,231	4,030	22,400	28,801	16,761	7,777	66	34,539
20	Clay and pottery products. (See also Brick and tile.)	4	61,350	25,750	4,500	10,700	10,550	35,600	5,972	36	19,022
21	Clothing, men's, custom work and repairing.	78	301,535	39,237	6,450	16,200	16,587	262,298	30,795	681	278,674
22	Clothing, men's, factory product	17	275,950	39,300	8,050	17,800	13,450	236,650	7,470	710	163,193
23	Clothing, women's, dressmaking	279	75,397	44,630	6,000	15,150	23,480	30,767	27,104	849	253,182
24	Coffins and burial cases, trimming and finishing.	7	17,189	5,702	350	1,900	3,452	11,487	1,221	15	7,956
25	Coffins, burial cases, and undertakers' goods.	3	16,300	2,350	400	1,000	950	13,950	941	14	6,894
26	Confectionery	14	55,968	32,068	8,000	16,000	8,068	23,900	7,893	109	52,002
27	Cooperage	5	131,495	28,475	12,000	13,450	3,025	103,020	15,041	114	56,408
28	Cotton goods. (See also Hosiery and knit goods.)	27	26,801,933	16,369,652	1,995,018	4,227,222	10,147,412	10,432,281	1,340,222	19,533	6,429,084
29	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	10	381,556	145,050	78,150	22,400	44,500	236,506	37,313	287	145,377
30	Dentistry, mechanical	24	19,370	7,065	100	100	6,865	12,305	3,225	32	17,812
31	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	10	20,375	2,325			2,325	18,050	2,660	18	7,060
32	Dyeing and cleaning	4	1,795	1,350			1,350	445	714	9	4,218
33	Flouring and grist mill products	121	905,075	481,675	123,855	167,375	190,445	423,400	44,742	265	123,790
34	Foundry and machine shop products. (See also Steam fittings and heating apparatus.)	76	3,658,689	1,878,520	462,365	479,263	936,892	1,780,169	131,513	2,174	1,115,065
35	Fruits and vegetables, canning and preserving. (See also Pickles, preserves, and sauces.)	6	18,590	11,450	690	3,960	6,800	7,140	972	71	5,000
36	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	28	98,457	27,192	4,000	11,600	11,592	71,265	11,827	98	55,709
37	Furniture, chairs	6	157,150	49,250	1,450	20,500	27,300	107,900	7,158	301	75,966
38	Furniture, factory product	24	655,802	291,193	34,300	119,741	137,152	364,609	66,208	693	333,598
39	Gas, illuminating and heating	13	767,966	637,257	37,800	87,000	512,457	130,709	65,295	108	71,622
40	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	10	392,743	92,896	23,550	50,800	18,546	299,847	53,638	407	131,134
41	Hairwork	3	7,215	225			225	6,990	1,241	9	4,288

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW HAMPSHIRE.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.]		Males above 15 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2,798	$2,127,654	452	$193,110	32,762	$13,632,029	16,326	$4,774,664	1,387	$212,720	4,747	$2,074,694	4,607	$1,198,685	282	$34,498	$47,754,152	$85,770,549	1
12	7,829	.....	.....	83	32,259	.....	.....	.....	.....	13	4,890	.....	.....	.....	.....	40,939	109,614	2
1	1,200	.....	.....	4	2,507	1	300	.....	.....	.....	.....	.....	.....	.....	.....	6,736	12,875	3
259	139,568	.....	.....	196	101,649	.....	.....	.....	.....	4	824	.....	.....	.....	.....	141,095	503,713	4
4	2,748	.....	.....	8	4,709	6	1,840	.....	.....	.....	.....	.....	.....	.....	.....	15,697	33,500	6
2	1,250	.....	.....	26	8,620	24	6,728	7	2,016	28	13,600	18	5,100	.....	.....	45,055	96,160	6
74	32,393	.....	.....	44	21,040	3	818	.....	.....	11	4,638	.....	.....	.....	.....	37,300	120,337	7
136	123,658	21	9,083	2,836	1,398,624	996	356,784	61	9,469	2,582	1,142,202	1,374	421,044	63	9,644	6,749,322	11,986,003	8
6	4,662	1	312	26	11,742	.....	.....	13	1,820	1	250	.....	.....	.....	.....	44,111	131,176	9
12	7,561	2	820	32	14,631	44	13,080	7	1,650	6	3,670	69	21,753	3	750	82,733	179,479	10
23	12,818	2	890	310	131,753	8	2,154	4	355	19	8,020	2	600	2	360	321,111	567,846	11
42	29,923	11	3,544	165	87,558	22	6,774	1	208	.....	.....	.....	.....	.....	.....	324,628	592,294	12
28	13,290	.....	.....	1,467	328,631	2	264	1	90	.....	.....	.....	.....	.....	.....	192,458	789,856	13
6	4,549	.....	.....	12	4,510	1	175	.....	.....	3	1,125	11	3,775	4	600	13,950	37,339	14
86	70,458	1	300	978	551,704	.....	.....	.....	.....	8	5,455	.....	.....	.....	.....	982,870	1,831,193	15
13	11,915	1	375	96	50,969	.....	.....	4	930	28	15,850	1	281	.....	.....	98,957	216,650	16
79	59,715	.....	.....	379	198,347	1	374	.....	.....	126	71,607	.....	.....	.....	.....	358,290	887,853	17
2	2,120	.....	.....	141	86,804	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30,612	119,555	18
15	10,044	.....	.....	45	22,870	5	1,500	1	125	.....	.....	.....	.....	.....	.....	420,767	494,466	19
5	2,624	.....	.....	17	8,622	8	3,276	.....	.....	6	4,500	.....	.....	.....	.....	11,872	45,300	20
69	55,902	5	1,186	104	65,190	130	41,506	.....	.....	42	13,892	331	100,998	.....	.....	315,614	708,693	21
29	20,935	2	747	66	34,896	176	41,587	.....	.....	4	1,886	433	63,142	.....	.....	421,500	654,712	22
.....	.....	249	107,516	.....	.....	585	143,547	.....	.....	.....	.....	15	2,119	.....	.....	247,063	608,892	23
7	3,710	.....	.....	6	3,830	2	416	.....	.....	.....	.....	.....	.....	.....	.....	12,539	24,750	24
2	2,350	.....	.....	9	3,144	.....	.....	.....	.....	3	1,400	.....	.....	.....	.....	15,887	30,950	25
18	11,236	8	2,454	10	4,966	10	3,827	2	515	31	17,004	30	12,000	.....	.....	111,936	226,915	26
3	2,900	1	300	56	25,898	.....	.....	.....	.....	54	27,310	.....	.....	.....	.....	94,566	196,188	27
146	184,822	4	2,058	7,877	2,994,062	10,084	2,921,466	841	124,997	267	112,950	261	75,708	53	13,021	12,962,939	21,958,002	28
19	16,184	2	1,100	254	125,093	10	2,000	.....	.....	2	1,000	.....	.....	.....	.....	104,995	328,341	29
25	15,240	.....	.....	7	2,572	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,291	39,695	30
4	1,462	2	468	11	4,980	1	150	.....	.....	.....	.....	.....	.....	.....	.....	16,671	38,148	31
3	1,936	.....	.....	4	1,762	2	520	.....	.....	.....	.....	.....	.....	.....	.....	830	7,693	32
90	44,533	1	520	163	72,387	.....	.....	.....	.....	11	6,350	.....	.....	.....	.....	2,061,208	2,358,616	33
133	141,511	7	3,170	1,987	952,922	12	4,269	10	1,768	21	10,177	4	1,248	.....	.....	1,296,963	2,895,716	34
3	305	.....	.....	47	3,655	21	1,040	.....	.....	.....	.....	.....	.....	.....	.....	6,709	17,165	35
26	18,107	2	562	69	36,440	.....	.....	.....	.....	1	600	.....	.....	.....	.....	92,640	186,696	36
6	6,300	.....	.....	33	17,230	.....	.....	.....	.....	76	45,530	86	3,905	100	3,000	99,770	209,240	37
38	42,575	6	1,747	549	244,672	3	775	15	2,560	78	40,269	4	1,000	.....	.....	448,361	1,037,601	38
19	17,796	.....	.....	89	53,826	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101,835	358,678	39
20	18,170	3	1,340	95	39,965	15	3,975	25	3,080	68	27,640	181	36,964	.....	.....	246,713	480,315	40
3	2,352	.....	.....	5	1,624	1	312	.....	.....	.....	.....	.....	.....	.....	.....	4,799	15,400	41

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW HAMPSHIRE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
42	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	3	$153,067	$72,550	$5,050	$25,100	$42,400	$80,517	$11,923	94	$46,926
43	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	37	2,706,065	1,200,423	126,075	291,078	792,270	1,496,642	241,201	3,178	989,130
44	Leather goods. (See also Pocketbooks; Trunks and valises.)	4	158,018	77,541	12,000	20,594	44,947	80,477	11,267	52	26,587
45	Leather, tanned and curried	18	1,303,992	456,863	82,700	199,800	174,363	847,129	93,238	709	337,556
46	Lock and gun smithing	3	4,600	3,550	50	700	2,800	1,050	336	4	1,726
47	Looking-glass and picture frames	12	13,760	4,305	1,000	1,500	1,805	9,455	2,530	17	8,623
48	Lumber and other mill products from logs or bolts.	531	6,222,380	3,961,714	1,594,939	822,459	1,544,316	2,260,666	221,162	4,651	1,459,929
49	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	32	493,598	259,657	66,400	86,270	106,987	233,941	34,829	709	347,477
50	Marble and stone work. (See also Monuments and tombstones.)	16	49,190	15,125	3,925	2,200	9,000	34,065	5,801	125	63,682
51	Masonry, brick and stone. (See also Plastering and stuccowork.)	54	303,010	113,065	72,685	13,120	27,260	279,946	35,588	537	286,634
52	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	4	21,775	14,075	1,600	3,200	9,275	7,700	1,203	17	6,073
53	Millinery, custom work	95	154,392	19,021	5,800	9,700	3,521	135,371	23,639	285	99,322
54	Mineral and soda waters. (See also Bottling.)	11	41,955	30,300	4,100	4,400	21,800	11,655	2,700	34	14,632
55	Models and patterns	3	1,720	1,100	----------	----------	1,100	620	233	3	2,000
56	Monuments and tombstones. (See also Marble and stone work.)	34	176,750	84,860	43,150	21,835	19,875	91,890	11,365	205	126,038
57	Musical instruments, pianos and materials.	4	80,050	27,300	3,500	7,500	16,300	52,750	6,214	51	27,734
58	Needles and pins	5	118,973	46,800	3,300	8,500	35,000	72,173	7,521	262	114,980
59	Painting and paper hanging	46	57,155	12,385	2,410	2,250	7,725	44,770	7,727	233	128,075
60	Paper. (See also Pulp, wood.)	12	1,134,091	738,500	116,500	200,000	422,000	395,591	62,222	502	233,276
61	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	13	148,275	9,025	2,950	3,100	2,975	139,250	7,397	46	18,285
62	Paving and paving materials	3	15,088	6,550	3,300	1,400	1,850	8,538	1,591	29	8,617
63	Photography	39	236,191	127,845	5,800	25,700	96,345	108,346	14,417	138	68,880
64	Plastering and stuccowork. (See also Masonry, brick and stone.)	9	9,185	2,835	200	100	2,535	6,350	1,315	45	29,336
65	Plumbing and gas fitting	32	163,195	25,425	500	500	24,425	137,770	13,864	231	144,400
66	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	35	123,392	98,900	1,250	11,150	86,500	24,492	7,481	97	45,314
67	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	83	754,183	512,460	28,100	76,350	408,010	241,723	114,013	651	317,764
68	Pulp, wood	3	87,400	68,000	8,000	18,667	41,333	19,400	3,525	40	19,660
69	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	5	8,060	3,670	625	725	2,320	4,390	413	14	7,013
70	Saddlery and harness	65	280,541	49,236	6,515	14,395	28,326	231,305	15,310	299	147,810
71	Sausage. (See also Slaughtering.)	3	5,050	1,950	----------	----------	1,950	3,100	660	6	3,396
72	Sheddy	3	23,000	14,500	1,000	2,500	11,000	8,500	1,795	25	11,683
73	Soap and candles. (See also Grease and tallow.)	13	28,321	20,550	4,625	9,225	6,700	7,771	2,592	29	13,788
74	Surgical appliances. (See also Artificial limbs.)	5	20,150	8,625	125	1,700	6,800	11,525	3,353	24	10,580
75	Timber products, not manufactured at mill.	39	1,369,787	1,128,952	782,405	----------	346,547	240,835	83,975	1,075	284,917
76	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	56	235,927	110,136	42,001	40,810	27,325	125,791	13,875	161	88,109
77	Tobacco, cigars and cigarettes	23	85,245	4,138	350	1,475	2,313	81,107	20,312	160	81,163
78	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	5	29,495	16,900	2,200	7,000	7,700	12,595	2,952	31	13,402
79	Trunks and valises. (See also Leather goods.)	3	40,900	27,850	16,500	10,600	750	13,050	550	14	7,523
80	Vinegar and cider	25	35,601	26,396	3,130	8,540	14,726	9,205	1,260	71	7,404
81	Watch, clock, and jewelry repairing	29	30,811	16,400	800	1,950	13,650	14,411	5,678	55	32,261

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW HAMPSHIRE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
4	$6,300			50	$29,805	8	$1,481	6	$855	17	$8,485					$46,398	$124,184	42
54	55,988	3	$1,623	702	281,898	614	184,503	56	9,406	306	108,346	1,423	$345,531	20	$1,835	1,777,595	3,481,922	43
4	5,820			31	16,378	10	3,400			7	939					99,089	150,974	44
34	33,255	7	3,224	611	270,680	9	1,800			43	27,227	5	1,370			2,303,363	2,988,209	45
3	1,492			1	234											1,216	3,475	46
9	4,392			7	4,127			1	104							16,600	30,915	47
344	140,774	4	1,450	3,965	1,209,228	73	17,875	29	3,564	181	79,959	30	4,804	16	2,275	2,471,838	5,017,062	48
41	33,226	3	1,360	601	289,882	1	300	22	3,920	33	16,014	6	2,550	2	225	511,051	986,893	49
14	9,259			101	48,221					10	6,202					77,043	170,906	50
44	29,654			493	256,980											204,901	581,087	51
2	965			10	4,108					2	375	3	625			12,000	23,475	52
9	6,210	76	35,087	1	160	196	56,617					3	1,248			244,668	435,866	53
8	4,544			26	10,088											14,837	43,628	54
2	1,700			1	300											820	3,650	55
36	25,371			159	96,269					10	4,398					71,658	235,353	56
2	1,980			47	24,404					2	1,350					37,190	80,019	57
7	7,192	1	500	127	60,383	92	29,055	4	850	16	12,000	15	5,000			20,360	109,282	58
44	30,035	1	260	188	97,780											64,764	230,775	59
20	30,814			349	167,978	133	34,484									595,041	1,224,022	60
18	12,435	2	380	10	2,965	12	2,405					4	100			27,675	135,550	61
				29	8,617											8,747	24,650	62
37	25,684	4	2,344	41	24,269	47	12,792			4	2,400	5	1,400			48,425	179,607	63
8	6,435			37	22,901											9,126	46,210	64
35	30,928			192	113,024			4	448							274,265	482,464	65
30	18,886			54	24,008	6	1,362	5	718	1	100	1	240			38,776	113,777	66
69	50,946	9	3,964	350	180,354	84	26,181	20	2,064	51	27,411	68	26,844			190,829	805,751	67
2	2,000			38	17,660											20,040	58,000	68
3	1,470			11	5,543											12,594	21,868	69
62	40,371			120	64,673	1	350	6	1,075	98	39,091	12	2,250			188,093	403,518	70
2	1,524			4	1,872											27,851	34,480	71
1	1,033			24	10,650											86,816	111,848	72
12	6,593			17	7,195											16,098	46,271	73
6	3,972			13	5,212	5	1,396									6,566	27,175	74
8	1,629			778	216,406					289	66,882					135,635	624,383	75
49	28,071			112	60,038											126,174	266,599	76
24	17,138			46	13,423	3	870	8	1,248	78	48,328			1	156	102,926	228,650	77
4	2,050			13	6,952	3	850			11	3,550					10,014	35,625	78
2	1,812			8	3,719					4	1,992					6,820	18,380	79
18	2,316			51	5,018	2	70									13,222	37,163	80
20	15,381			34	16,580	1	300									9,325	53,932	81

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW HAMPSHIRE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
82	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	19	$399,255	$178,300	$57,250	$46,800	$74,250	$220,955	$23,449	463	$175,484
83	Woodenware, not elsewhere specified..	10	130,349	65,800	4,800	27,400	33,600	64,549	5,846	105	44,313
84	Woolen goods. (See also Felt goods; Gloves and mittens; Hosiery and knit goods.)	46	7,540,233	2,882,643	330,825	938,618	1,613,200	4,657,590	483,598	4,189	1,643,168
85	Worsted goods	4	4,295,688	1,125,440	69,000	197,000	859,440	3,170,248	129,869	1,963	678,552
86	All other industries (*a*)	72	7,420,418	4,531,814	1,584,050	1,466,745	1,481,019	2,888,604	286,260	1,924	915,525

a Embraces artificial limbs, 1; axle grease, 1; baskets and rattan and willow ware, 2; belting and hose, leather, 2; bicycle and tricycle repairing, 1; brass castings and brass finishing, 2; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 1; cleansing and polishing preparations, 2; clothing, women's, factory product, 1; dyeing and finishing textiles, 2; electroplating, 2; engraving and diesinking, 2; fancy articles, not elsewhere specified, 1; felt goods, 2; fertilizers, 1; files, 2; firearms, 1; flavoring extracts, 2; fuel, artificial, 1; furnishing goods, men's, 1; glue, 2; grease and tallow, 2; hand knit goods, 1; hardware, saddlery, 2; house furnishing goods, not elsewhere specified, 1; instruments,

BY COUNTIES.

1	The State	3,229	79,375,160	41,210,934	8,392,436	10,884,979	21,933,519	38,164,226	4,363,192	63,361	24,248,054
2	Belknap	187	2,803,975	1,415,075	201,389	339,936	873,750	1,388,900	276,901	3,464	1,392,939
2	Carroll	114	1,391,081	680,630	187,170	118,485	374,975	710,451	55,703	1,476	528,396
4	Cheshire	326	4,639,252	1,973,009	325,695	624,398	1,022,916	2,666,243	265,239	4,240	1,696,771
5	Coos	132	3,413,993	2,387,480	1,315,365	362,300	709,815	1,026,513	148,050	2,052	744,553
6	Grafton	276	3,322,143	1,698,396	376,345	485,184	836,867	1,623,747	169,425	2,742	878,313
7	Hillsboro	850	33,612,548	16,445,616	2,672,405	4,189,631	9,583,580	17,166,932	1,656,585	24,649	9,643,937
8	Merrimack	363	7,893,762	4,242,536	754,974	1,167,500	2,320,062	3,651,226	522,334	6,752	2,733,859
9	Rockingham	387	6,941,206	4,825,105	1,567,630	1,537,442	1,720,033	2,116,101	259,530	4,927	1,925,935
10	Strafford	409	13,364,411	6,484,339	839,423	1,742,488	3,902,428	6,880,072	857,940	11,165	4,047,839
11	Sullivan	185	1,992,789	1,058,748	152,040	317,615	589,093	934,041	151,395	1,894	655,512

NEW JERSEY.

BY SPECIFIED INDUSTRIES.

1	All industries	9,225	250,805,745	128,643,466	26,057,714	40,777,779	61,807,973	122,162,279	18,458,052	187,398	96,778,736
2	Agricultural implements	20	270,512	121,537	29,800	43,430	48,307	148,975	15,291	142	66,335
3	Artificial feathers and flowers. (See also Millinery and lace goods.)	4	28,062	9,450	2,500	5,000	1,950	18,612	2,935	113	16,260
4	Artists' materials	3	16,560	9,300	700	1,400	7,200	7,260	885	12	6,450
5	Awnings, tents, and sails	16	17,540	3,570	75	325	3,170	13,970	4,518	69	34,606
6	Bags, paper	4	88,300	63,150	.....	.....	63,150	25,150	4,643	36	15,622
7	Baskets and rattan and willow ware	15	30,645	15,880	2,450	4,950	8,480	14,765	1,658	64	16,543
8	Belting and hose, leather	5	66,000	28,900	3,000	12,000	13,900	37,100	4,196	48	30,148
9	Belting and hose, rubber	5	1,611,574	648,920	157,500	157,058	334,362	962,654	83,135	467	280,693
10	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	644	1,007,302	621,255	249,992	236,576	134,687	386,047	62,136	1,321	773,226
11	Bluing	3	6,300	2,600	850	1,400	350	3,700	844	11	7,153
12	Bookbinding and blank-book making. (See also Printing and publishing.)	14	58,653	35,430	4,300	8,000	23,130	23,223	5,017	115	56,984
13	Boot and shoe findings	5	4,550	2,405	1,000	530	875	2,145	547	14	4,016
14	Boot and shoe uppers	8	26,655	17,630	8,600	6,600	2,430	9,025	2,409	43	26,064
15	Boots and shoes, custom work and repairing.	474	469,631	342,056	128,475	157,300	56,281	127,575	61,047	796	385,325
16	Boots and shoes, factory product	109	2,811,098	887,149	69,825	284,567	532,757	1,923,949	129,513	5,455	2,488,858
17	Bottling. (See also Liquors, malt; Mineral and soda waters.)	51	256,886	153,706	42,900	45,100	65,706	103,180	30,795	178	117,951
18	Boxes, cigar	5	11,399	5,155	.....	.....	5,155	6,244	2,180	48	18,206
19	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	28	581,684	243,388	22,150	70,000	151,238	338,296	41,911	904	305,625
20	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	17	325,125	121,060	38,070	30,580	52,410	204,065	28,396	550	256,638
21	Brass and copper, rolled	4	416,000	198,000	23,000	80,000	95,000	218,000	8,572	159	122,044

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW HAMPSHIRE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
26	$20,407	.....	.....	359	$137,372	6	$782	53	$7,873	19	$9,050	.....	.....	.....	.....	$130,965	$400,309	82
8	4,802	.....	.....	75	31,929	.....	.....	2	250	20	7,332	.....	.....	.....	.....	48,973	111,307	83
99	137,557	4	$1,781	2,356	998,828	1,476	445,732	154	27,546	26	10,382	59	$18,510	15	$2,832	4,834,446	8,004,264	84
11	17,270	.....	.....	739	308,998	1,188	348,612	15	2,472	.....	.....	10	1,200	.....	.....	2,080,295	2,764,976	85
95	101,322	7	2,645	1,466	718,257	183	43,990	10	744	26	10,792	134	37,375	3	400	2,039,683	3,614,480	86

professional and scientific, 1; iron and steel, 1; jewelry and instrument cases, 1; labels and tags, 1; lasts, 1; liquors, malt, 1; liquors, vinous, 1; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 1; paper goods, not elsewhere specified, 1; pickles, preserves, and sauces, 2; pocketbooks, 1; pumps, not including steam pumps, 1; saws, 2; shipbuilding, 1; silverware, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 1; sporting goods, 1; starch, 1; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 1; stereotyping and electrotyping, 1; toys and games, 2; umbrellas and canes, 1; watch and clock materials, 1; wheelbarrows, 1; wirework, including wire rope and cable, 2.

BY COUNTIES.

2,798	2,127,654	452	193,110	32,762	13,632,029	16,326	4,774,664	1,387	212,720	4,747	2,074,694	4,607	1,198,685	282	34,498	47,754,152	85,770,549	1
191	149,716	24	11,471	1,367	637,142	453	133,017	38	6,940	409	178,769	968	274,998	14	886	2,196,895	4,280,680	2
71	41,660	2	664	935	377,446	153	49,490	3	675	96	23,602	214	34,809	2	50	1,066,603	2,133,137	3
245	160,012	20	7,548	2,484	1,081,596	623	196,030	106	16,467	411	193,696	230	34,783	121	6,639	3,226,226	6,058,690	4
126	79,113	3	1,150	1,764	629,461	40	8,517	16	1,912	86	21,750	15	2,200	2	450	1,021,979	2,221,211	5
213	136,952	15	6,021	1,556	516,585	452	108,696	35	3,660	142	42,939	319	62,038	10	1,422	2,109,124	3,746,173	6
846	757,575	200	89,691	11,789	5,176,938	9,105	2,709,999	675	102,201	972	610,698	1,039	296,066	23	769	19,750,363	34,281,011	7
387	313,031	40	20,397	3,864	1,585,359	1,092	297,389	164	25,634	628	331,034	577	161,015	.....	.....	5,714,236	9,727,650	8
251	158,857	60	20,816	2,646	1,074,315	956	307,205	38	6,456	613	258,703	307	85,012	56	14,471	3,662,819	6,667,243	9
306	242,619	70	27,646	5,578	2,255,177	3,003	840,048	235	36,543	1,213	452,222	717	185,429	43	8,155	7,728,406	14,158,338	10
162	88,119	18	7,706	779	298,010	449	124,183	77	12,222	177	61,281	221	62,335	11	1,656	1,277,501	2,496,416	11

NEW JERSEY.

BY SPECIFIED INDUSTRIES.

12,639	13,419,362	981	415,256	106,439	58,916,453	23,082	6,313,108	4,771	710,260	24,931	13,416,872	14,013	3,502,100	542	85,325	189,365,740	354,573,571	1
17	11,998	.....	.....	121	53,557	.....	.....	3	280	1	500	.....	.....	.....	.....	83,416	200,282	2
4	2,250	.....	.....	4	1,020	3	750	3	440	22	4,200	65	6,500	12	1,100	11,855	45,760	3
6	4,370	.....	.....	4	1,880	.....	.....	2	200	.....	.....	.....	.....	.....	.....	4,165	12,400	4
23	16,967	.....	.....	23	11,506	23	6,133	.....	.....	.....	.....	.....	.....	.....	.....	40,790	88,199	5
4	2,672	.....	.....	18	9,310	14	3,640	.....	.....	.....	.....	.....	.....	.....	.....	73,248	119,800	6
10	4,452	.....	.....	16	5,241	3	553	.....	.....	29	5,184	4	800	2	313	13,603	43,507	7
6	5,950	1	350	40	23,609	.....	.....	.....	.....	1	230	.....	.....	.....	.....	52,533	95,250	8
45	74,263	5	3,384	388	193,478	18	4,784	3	624	8	4,160	.....	.....	.....	.....	1,127,799	1,662,709	9
544	331,340	.....	.....	766	437,770	.....	.....	2	502	9	3,614	.....	.....	.....	.....	431,522	1,587,163	10
8	5,980	.....	.....	3	1,173	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,335	16,700	11
18	17,172	.....	.....	51	25,624	36	10,120	3	468	2	1,800	5	1,800	.....	.....	17,315	93,966	12
5	1,916	.....	.....	.....	.....	.....	.....	.....	.....	2	1,300	7	800	.....	.....	5,982	10,824	13
11	9,942	.....	.....	18	11,608	13	4,384	1	130	.....	.....	.....	.....	.....	.....	17,623	49,300	14
398	212,390	1	104	289	134,595	12	3,293	1	25	93	34,718	1	50	1	150	260,637	827,082	15
278	275,889	15	6,317	1,397	674,425	740	202,619	124	19,837	1,897	949,534	980	354,309	24	5,928	3,417,180	7,255,409	16
57	51,905	.....	.....	120	65,546	1	500	.....	.....	.....	.....	.....	.....	.....	.....	288,240	496,311	17
7	4,106	.....	.....	19	8,168	19	5,558	.....	.....	.....	.....	3	374	.....	.....	27,544	59,432	18
56	61,093	3	280	204	77,573	136	33,115	50	8,691	92	38,870	362	85,803	1	200	340,042	869,296	19
28	35,105	.....	.....	259	111,175	73	26,876	7	1,612	72	56,140	111	25,730	.....	.....	474,929	953,930	20
16	31,060	.....	.....	133	85,084	.....	.....	.....	.....	10	5,000	.....	.....	.....	.....	355,690	524,340	21

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW JERSEY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
22	Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	30	$443,107	$235,721	$53,200	$87,400	$95,121	$207,385	$12,688	302	$179,023
23	Brassware	5	418,345	208,275	25,000	75,000	108,275	210,070	3,753	185	186,885
24	Bread and other bakery products	453	2,095,566	1,620,940	416,930	837,135	366,875	474,626	216,599	2,135	1,264,684
25	Brick and tile. (See also Clay and pottery products.)	95	5,090,722	3,830,300	1,203,950	1,195,150	1,431,200	1,260,422	246,487	4,798	1,529,481
26	Bridges	3	406,855	158,200	40,000	15,000	103,200	248,655	28,098	280	135,887
27	Brooms and brushes	20	57,988	17,560	2,550	5,700	9,310	40,428	6,429	178	78,758
28	Buttons	17	295,555	131,945	18,600	25,500	87,845	163,610	27,498	695	291,825
29	Card cutting and designing	6	19,530	13,500	.....	.....	13,500	6,030	1,538	31	14,650
30	Carpentering	598	4,463,705	1,381,615	555,960	444,485	381,170	3,082,090	269,470	7,045	5,317,583
31	Carpets and rugs, other than rag. (See also Woolen goods.)	6	724,393	293,921	54,100	119,404	120,417	430,472	30,502	585	212,554
32	Carpets, rag	57	69,906	49,562	17,440	24,100	8,022	20,344	5,247	96	38,752
33	Carriage and wagon materials	19	507,206	175,300	9,450	28,200	137,650	331,906	71,122	414	253,877
34	Carriages and sleds, children's	6	98,795	26,365	1,000	15,000	10,365	72,430	13,572	70	37,484
35	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	249	2,486,991	1,198,867	428,655	551,862	218,350	1,268,124	114,253	1,906	1,157,680
36	Cars and general shop construction and repairs by steam railroad companies.	18	2,766,957	2,082,694	208,750	1,052,778	821,166	684,263	800	5,233	2,877,488
37	Celluloid and celluloid goods	3	1,746,818	949,514	100,000	188,793	660,721	797,304	399,587	659	397,977
38	Cheese, butter, and condensed milk, factory product.	16	88,959	64,300	3,800	33,750	26,950	24,659	3,888	39	15,192
39	Chemicals. (See also Fertilizers; Gunpowder; High explosives; Paints; Varnish.)	44	7,931,419	5,025,121	1,437,169	1,989,900	1,598,052	2,906,298	393,494	1,884	1,184,809
40	China, decorating	7	219,737	43,601	8,000	20,000	15,601	176,136	9,908	190	97,594
41	Clay and pottery products. (See also Brick and tile.)	60	5,478,332	3,128,183	768,533	1,525,553	836,097	2,350,149	467,998	4,628	2,596,699
42	Clothing, men's, custom work and repairing.	306	1,228,759	481,557	215,500	218,950	47,107	747,202	138,317	1,714	919,693
43	Clothing, men's, factory product	104	1,484,179	508,365	231,125	233,000	44,240	975,814	614,331	2,564	1,651,014
44	Clothing, men's, factory product, buttonholes.	3	2,800	2,800	1,000	800	1,000	.....	364	16	6,656
45	Clothing, women's, dressmaking	354	184,601	108,295	34,100	41,000	33,195	76,306	47,710	1,127	350,717
46	Clothing, women's, factory product	21	254,650	57,675	750	4,100	52,825	195,975	21,518	672	200,935
47	Coffee and spice, roasting and grinding	4	416,685	71,500	15,700	29,000	26,800	345,165	8,135	57	46,307
48	Coffins and burial cases, trimming and finishing.	19	148,045	105,895	36,050	50,850	18,995	42,150	5,498	66	49,211
49	Coffins, burial cases, and undertakers' goods.	4	84,385	17,175	4,500	1,800	10,875	67,210	3,943	71	41,340
50	Confectionery	123	475,109	319,282	95,100	98,350	125,832	155,827	79,631	539	276,666
51	Cooperage	26	189,237	95,625	39,325	35,400	20,900	93,612	8,491	186	112,209
52	Cork, cutting	4	37,525	11,300	3,000	1,000	7,300	26,225	1,846	13	7,201
53	Corsets	13	442,666	109,267	6,000	20,000	83,267	333,399	47,565	1,693	523,321
54	Cotton goods. (See also Hosiery and knit goods.)	17	13,519,972	7,152,467	506,550	2,233,909	4,412,008	6,367,505	194,474	5,683	2,054,282
55	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	18	407,348	241,235	54,800	94,400	92,035	166,113	29,298	499	244,971
56	Dentistry, mechanical	41	61,663	40,500	7,500	11,000	22,000	21,163	10,366	62	44,044
57	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	10	31,295	15,230	3,500	7,000	4,730	16,065	5,482	43	19,050
58	Dyeing and cleaning	28	143,295	106,760	36,200	30,300	40,260	36,535	15,681	217	86,763
59	Dyeing and finishing textiles	41	5,197,403	2,996,209	333,936	879,577	1,782,696	2,201,194	752,461	3,864	2,057,562
60	Dye stuffs and extracts	5	633,959	261,500	33,000	179,000	49,500	372,459	42,267	166	85,030
61	Electrical apparatus and supplies	3	562,768	221,368	22,500	114,106	84,762	341,400	53,179	438	209,848
62	Electroplating	5	18,255	9,200	900	600	7,700	9,055	2,381	32	20,680
63	Engraving and diesinking	12	46,560	32,725	11,100	6,500	15,025	13,835	1,627	45	21,981
64	Engraving, steel, including plate printing. (See also Lithographing and engraving.)	3	77,313	66,583	8,200	32,000	26,383	10,730	1,950	38	27,688
65	Fancy articles, not elsewhere specified	13	88,190	59,025	5,000	16,500	38,425	28,265	10,014	220	86,143
66	Fertilizers. (See also Chemicals.)	27	3,705,914	1,425,296	332,350	605,682	487,264	2,280,618	186,485	1,088	501,208
67	Files. (See also Cutlery and edge tools.)	8	444,845	267,846	31,858	73,494	162,624	176,999	12,920	470	285,972
68	Flouring and grist mill products	228	2,816,221	1,784,745	422,755	701,450	660,540	1,031,476	147,020	707	336,076
69	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving.)	15	140,950	106,210	20,025	52,400	33,785	34,740	5,827	101	41,331
70	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	249	19,084,036	10,087,903	1,744,389	2,779,369	5,564,145	8,996,733	947,217	13,432	7,957,672
71	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickels, preserves, and sauces.)	34	957,583	442,704	106,575	204,750	131,279	514,879	83,798	3,665	299,609

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW JERSEY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
40	$37,875	.....	.....	240	$132,005	.....	.....	12	$2,650	10	$6,493	.....	.....	.....	.....	$514,489	$795,005	22
20	37,320	.....	.....	165	149,566	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	324,117	633,680	23
437	354,680	52	$22,552	1,430	829,328	125	$41,256	85	14,748	6	2,120	.....	.....	.....	.....	3,204,565	5,545,976	24
127	93,507	2	920	4,420	1,384,644	.....	.....	131	12,513	108	36,935	.....	.....	10	$962	510,654	2,826,074	25
3	5,340	.....	.....	277	130,547	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	476,616	755,022	26
27	21,780	.....	.....	60	30,856	28	6,676	2	256	36	13,308	25	$5,882	.....	.....	93,265	212,929	27
27	40,744	.....	.....	226	133,806	255	68,159	5	750	98	29,574	78	17,856	6	936	216,162	596,600	28
6	5,252	.....	.....	14	5,898	3	728	2	286	3	1,940	.....	.....	3	546	11,046	28,200	29
660	696,980	3	1,357	6,371	4,615,440	.....	.....	8	1,886	3	1,920	.....	.....	.....	.....	7,169,257	14,752,627	30
6	25,200	.....	.....	291	110,878	51	11,106	.....	.....	98	29,895	139	35,475	.....	.....	430,917	817,242	31
39	19,377	2	750	31	11,096	6	1,412	.....	.....	18	6,117	.....	.....	.....	.....	38,254	105,639	32
40	51,414	1	200	335	178,413	.....	.....	.....	.....	38	23,850	.....	.....	.....	.....	329,070	778,178	33
8	7,608	.....	.....	50	25,276	11	4,000	.....	.....	1	600	.....	.....	.....	.....	110,595	190,300	34
216	189,796	1	208	1,586	915,946	1	416	2	150	94	48,664	6	2,500	.....	.....	1,084,539	2,886,287	35
94	61,970	5	1,805	4,324	2,294,387	16	4,956	.....	.....	791	513,372	3	998	.....	.....	3,172,891	6,051,179	36
51	113,076	.....	.....	312	172,861	60	15,129	.....	.....	116	63,430	120	33,481	.....	.....	444,309	1,721,773	37
3	1,330	.....	.....	35	13,706	1	156	.....	.....	.....	.....	.....	.....	.....	.....	120,223	146,394	38
166	260,678	6	4,691	1,482	862,196	211	51,784	2	460	.....	.....	17	5,000	.....	.....	5,026,040	8,146,795	39
16	16,371	3	2,536	82	52,239	84	24,879	.....	.....	5	1,569	.....	.....	.....	.....	192,716	375,572	40
194	237,922	9	4,394	2,731	1,619,255	579	131,606	96	16,398	711	505,740	220	66,984	88	14,400	1,366,834	5,165,537	41
338	282,161	8	3,988	558	318,889	188	47,253	19	2,604	462	233,490	140	31,108	1	200	1,092,221	2,543,663	42
119	124,664	3	1,075	641	357,864	925	269,233	18	2,032	262	112,291	694	183,630	2	225	1,154,501	3,210,353	43
4	2,634	.....	.....	2	546	5	1,144	.....	.....	2	832	3	1,500	.....	.....	50	8,000	44
7	4,215	312	143,573	7	4,700	717	188,560	76	8,749	.....	.....	8	920	.....	.....	396,213	913,394	45
25	26,664	4	2,400	46	23,815	386	103,046	1	50	20	4,160	190	40,800	.....	.....	397,681	718,647	46
24	32,414	.....	.....	26	12,093	7	1,800	.....	.....	.....	.....	.....	.....	.....	.....	435,998	546,880	47
22	21,330	.....	.....	44	27,881	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65,384	147,716	48
6	5,950	.....	.....	56	32,946	9	2,444	.....	.....	.....	.....	.....	.....	.....	.....	52,888	129,605	49
128	97,273	34	10,354	275	140,831	83	23,052	15	2,782	4	1,794	.....	.....	.....	.....	555,579	1,127,991	50
31	26,360	.....	.....	150	84,616	.....	.....	2	350	3	883	.....	.....	.....	.....	167,092	348,494	51
4	2,365	.....	.....	8	4,680	.....	.....	1	156	.....	.....	.....	.....	.....	.....	53,940	79,595	52
51	71,104	4	1,811	68	40,026	117	33,266	8	960	466	126,656	979	249,498	.....	.....	626,993	1,296,937	53
44	67,003	7	2,620	1,789	891,057	2,954	893,545	401	54,103	39	27,954	437	116,188	12	1,812	3,028,933	5,902,615	54
29	28,702	.....	.....	297	145,764	19	4,026	12	1,820	142	64,659	.....	.....	.....	.....	127,172	444,665	55
41	31,998	.....	.....	16	11,394	1	216	3	336	.....	.....	1	100	.....	.....	23,356	101,828	56
13	9,800	.....	.....	21	7,702	4	808	5	750	.....	.....	.....	.....	.....	.....	28,254	87,646	57
28	20,170	4	2,660	87	41,190	43	11,434	1	208	2	285	52	10,816	.....	.....	71,321	203,024	58
129	179,425	.....	.....	3,275	1,744,243	346	94,906	54	8,988	60	30,000	.....	.....	.....	.....	2,711,121	6,183,397	59
13	12,680	.....	.....	153	72,350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	544,208	767,800	60
11	15,063	2	1,196	183	115,342	86	15,488	2	416	76	35,082	78	27,061	.....	.....	203,163	744,274	61
8	7,840	.....	.....	21	10,968	.....	.....	.....	.....	3	1,872	.....	.....	.....	.....	13,297	44,560	62
14	11,930	.....	.....	24	9,047	3	160	3	220	1	624	.....	.....	.....	.....	8,335	40,285	63
9	6,920	.....	.....	29	20,748	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,480	59,500	64
18	18,226	3	2,298	34	19,296	82	19,106	.....	.....	28	16,662	55	10,555	.....	.....	79,288	214,551	65
123	138,481	2	1,205	927	440,686	36	10,836	.....	.....	.....	.....	.....	.....	.....	.....	2,882,809	4,819,088	66
24	24,192	4	2,418	360	271,374	.....	.....	.....	.....	82	47,988	.....	.....	.....	.....	217,970	699,773	67
205	121,233	2	1,090	490	211,269	2	500	2	304	5	1,570	1	200	.....	.....	5,026,694	5,928,352	68
19	11,689	.....	.....	66	27,038	15	2,574	1	30	.....	.....	.....	.....	.....	.....	227,614	327,435	69
628	793,508	11	5,124	11,076	6,301,235	113	29,780	72	12,569	1,482	796,854	40	16,680	10	1,922	9,967,500	21,666,955	70
56	36,496	1	390	861	126,636	562	43,755	35	947	465	30,302	1,627	59,468	58	1,615	1,159,340	1,843,675	71

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW JERSEY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
72	Fur goods. (See also Hats and caps, not including wool hats.)	5	$92,975	$16,550	$7,500	$6,000	$3,050	$76,425	$9,344	57	$26,577
73	Furnishing goods, men's. (See also Shirts.)	6	14,975	2,500	.....	700	1,800	12,475	1,259	107	24,964
74	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	102	529,951	340,555	144,125	165,725	30,705	189,396	28,862	328	206,520
75	Furniture, chairs	5	18,150	10,500	1,300	3,000	6,200	7,650	5,395	71	24,977
76	Furniture, factory product	16	312,624	142,600	34,200	55,200	53,200	170,024	19,596	290	170,423
77	Gas and lamp fixtures. (See also Lamps and reflectors.)	3	20,800	5,300	.....	.....	5,300	15,500	2,503	42	19,412
78	Gas, illuminating and heating	33	4,819,011	4,383,060	804,283	658,027	2,920,750	435,951	462,513	531	363,395
79	Gas machines and meters	4	122,426	65,026	25,000	15,000	25,026	57,400	4,758	68	48,752
80	Gas stoves	3	31,975	17,050	3,500	4,000	9,550	14,925	2,280	27	15,600
81	Glass	34	3,744,894	1,858,200	239,000	1,168,200	451,000	1,886,694	116,009	5,840	2,862,719
82	Glass, cutting, staining, and ornamenting.	10	81,184	41,450	14,200	14,950	12,300	39,734	6,240	85	50,909
83	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	5	129,020	35,420	1,000	3,000	31,420	93,600	13,431	184	109,608
84	Glue	3	149,500	88,500	10,500	43,000	35,000	61,000	4,555	74	39,777
85	Gold and silver, leaf and foil	7	20,483	10,300	3,800	2,450	4,050	10,188	1,429	54	21,214
86	Gold and silver, reducing and refining, not from the ore.	6	114,950	17,300	.....	.....	17,300	97,650	8,035	33	24,504
87	Grease and tallow. (See also Axle grease; Soap and candles.)	8	157,960	86,335	25,850	32,700	27,785	71,625	6,550	65	40,783
88	Hairwork	13	32,545	15,540	7,500	6,500	1,540	17,005	3,688	41	19,393
89	Hand knit goods	3	4,295	3,000	.....	.....	3,000	1,295	622	49	10,988
90	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	25	726,743	266,803	59,025	64,321	153,457	459,940	27,925	615	305,623
91	Hardware, saddlery	34	1,335,413	452,329	62,500	72,400	317,429	883,084	117,238	1,178	634,237
92	Hat and cap materials	14	260,340	185,915	38,500	53,000	94,415	74,425	18,513	224	135,178
93	Hats and caps, not including wool hats. (See also Fur goods.)	87	2,655,707	1,095,586	188,700	435,500	471,386	1,560,121	232,206	6,688	3,568,242
94	High explosives. (See also Ammunition; Gunpowder.)	5	1,044,688	261,812	25,037	150,009	86,766	782,876	35,202	211	124,758
95	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	15	1,352,143	806,454	75,094	227,283	504,077	545,689	101,146	1,277	342,600
96	Ink, printing	4	65,600	12,500	1,600	1,900	9,000	53,100	7,137	63	51,674
97	Instruments, professional and scientific	9	222,314	91,000	13,500	38,200	39,300	131,314	9,346	291	153,652
98	Iron and steel	22	9,025,046	4,884,809	1,014,417	884,252	2,986,140	4,140,237	546,993	4,056	2,162,304
99	Iron and steel, forgings	9	421,224	261,750	105,450	43,300	113,000	159,474	20,858	277	172,012
100	Iron and steel, nails and spikes, cut and wrought, including wire nails.	3	1,581,310	1,029,000	126,000	203,000	700,000	552,310	58,537	727	309,745
101	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	20	365,712	240,700	59,450	57,800	123,450	125,012	14,267	437	275,122
102	Ivory and bone work	4	101,600	58,500	15,500	17,000	26,000	43,100	9,844	120	56,104
103	Japanning	5	12,700	7,850	400	250	7,200	4,850	1,420	19	9,329
104	Jewelry. (See also Watch, clock, and jewelry repairing.)	74	3,393,615	408,722	27,000	53,300	328,422	2,894,893	173,407	2,006	1,417,423
105	Jewelry and instrument cases	4	15,772	3,600	100	400	3,100	12,172	2,314	34	19,059
106	Kaolin and other earth grinding	5	175,839	56,593	1,100	10,800	44,693	119,246	27,896	48	29,110
107	Kindling wood	8	39,327	25,150	9,200	4,250	11,700	14,177	2,846	74	32,322
108	Lamps and reflectors. (See also Gas and lamp fixtures.)	6	279,451	126,500	41,500	38,500	46,500	152,951	13,945	244	125,381
109	Leather, dressed skins	9	289,345	103,695	36,600	40,500	26,595	185,650	18,551	166	102,195
110	Leather goods. (See also Pocketbooks; Trunks and valises.)	8	165,850	34,375	1,900	1,300	31,175	131,475	10,618	264	98,646
111	Leather, morocco	4	1,315,000	1,050,000	160,000	660,000	230,000	265,000	69,847	634	346,912
112	Leather, patent and enameled	22	3,524,526	1,281,800	393,800	546,400	341,600	2,242,726	185,352	1,730	1,166,224
113	Leather, tanned and curried	31	1,185,362	359,533	94,300	149,407	115,826	825,829	57,320	757	482,246
114	Lime and cement	38	630,789	380,679	171,815	128,462	80,402	250,110	43,533	305	135,449
115	Liquors, distilled	4	14,700	8,650	825	3,800	4,025	6,050	3,535	8	1,727
116	Liquors, malt. (See also Bottling.)	34	10,184,540	7,245,640	1,233,100	3,721,768	2,290,772	2,938,900	2,490,157	1,395	1,408,932
117	Liquors, vinous. (See also Liquors, distilled.)	7	29,675	9,250	2,100	4,600	2,550	20,425	889	22	1,588
118	Lock and gun smithing	28	68,730	46,625	16,950	19,150	10,525	22,105	4,706	50	30,237
119	Looking-glass and picture frames	36	108,595	21,280	1,985	4,365	14,930	87,315	18,273	126	65,524
120	Lumber and other mill products from logs or bolts.	110	1,546,530	901,548	523,113	133,655	244,780	644,982	48,089	674	230,583
121	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	101	2,761,927	1,081,535	306,450	321,390	453,695	1,680,392	126,174	1,827	1,180,312

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW JERSEY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
7	$5,700	4	$1,468	16	$9,665	26	$7,444	.....	.....	2	$2,100	2	$200	.....	.....	$61,886	$112,591	72
2	1,520	2	728	8	2,630	79	17,686	.....	.....	1	160	15	2,250	.....	.....	16,999	52,776	73
93	71,724	.....	.....	192	115,745	6	2,486	3	$520	31	15,451	3	600	.....	.....	191,561	610,816	74
2	1,248	.....	.....	60	22,412	1	300	1	217	7	860	.....	.....	.....	.....	13,510	54,360	75
27	27,660	.....	.....	219	123,282	3	550	3	525	37	18,172	1	234	.....	.....	125,423	391,336	76
6	8,540	.....	.....	16	6,072	21	4,800	.....	.....	.....	.....	.....	.....	.....	.....	18,962	43,761	77
82	81,911	.....	.....	449	281,484	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	428,612	2,030,226	78
11	14,300	.....	.....	57	34,452	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46,229	120,697	79
4	3,120	.....	.....	23	12,480	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,062	45,265	80
140	129,213	12	3,406	2,664	1,023,503	40	8,245	1,026	114,397	1,937	1,582,295	2	160	19	$1,500	1,310,953	5,218,162	81
13	15,530	.....	.....	56	30,499	7	2,130	1	80	7	2,600	1	70	.....	.....	61,748	180,303	82
8	17,040	1	680	42	29,812	35	11,430	.....	.....	37	31,160	61	19,486	.....	.....	91,214	260,690	83
4	5,418	.....	.....	68	33,573	2	786	.....	.....	.....	.....	.....	.....	.....	.....	28,051	125,353	84
7	5,824	.....	.....	23	11,383	5	1,386	1	156	.....	.....	18	2,460	.....	.....	62,992	95,670	85
6	7,280	.....	.....	23	14,672	1	416	.....	.....	3	2,236	.....	.....	.....	.....	545,775	607,807	86
9	8,498	.....	.....	56	32,285	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	219,687	274,607	87
4	3,796	7	5,078	3	2,028	26	8,335	1	156	.....	.....	.....	.....	.....	.....	16,618	49,953	88
4	3,600	.....	.....	1	1,000	9	1,698	.....	.....	.....	.....	35	5,290	.....	.....	18,450	31,950	89
59	71,285	3	1,144	312	161,410	19	5,096	13	2,162	205	63,626	4	900	.....	.....	493,311	939,040	90
105	125,825	3	1,200	662	301,607	56	12,328	13	2,383	364	182,824	36	8,070	.....	.....	650,836	1,713,769	91
17	22,014	.....	.....	95	56,688	40	11,650	1	208	53	38,656	13	3,882	5	2,080	146,259	374,868	92
154	206,934	7	4,684	1,278	761,438	267	83,297	18	4,098	3,564	2,049,508	1,360	447,883	40	10,400	3,605,074	8,533,729	93
22	30,530	.....	.....	174	90,208	2	520	8	2,080	6	1,420	.....	.....	.....	.....	486,285	944,900	94
26	29,880	1	156	345	117,607	249	56,411	117	21,129	28	9,341	511	108,076	.....	.....	682,783	1,091,403	95
18	19,870	.....	.....	44	31,304	1	600	.....	.....	.....	.....	.....	.....	.....	.....	63,973	160,750	96
22	35,580	.....	.....	236	103,858	12	3,000	3	462	19	10,752	.....	.....	.....	.....	45,561	241,552	97
117	170,838	2	1,040	3,916	1,986,353	1	150	20	3,923	.....	.....	.....	.....	.....	.....	5,076,104	8,139,321	98
13	23,428	.....	.....	219	128,865	.....	.....	.....	.....	45	19,719	.....	.....	.....	.....	192,296	417,214	99
13	24,655	.....	.....	700	282,736	.....	.....	14	2,354	.....	.....	.....	.....	.....	.....	511,577	946,170	100
28	30,943	1	312	408	243,867	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	340,538	799,187	101
7	8,300	2	500	85	39,364	16	3,690	5	750	5	3,500	.....	.....	.....	.....	30,386	114,180	102
6	5,400	.....	.....	8	3,149	.....	.....	.....	.....	5	780	.....	.....	.....	.....	3,084	18,977	103
229	293,706	20	6,882	1,119	766,623	290	98,986	37	6,177	279	232,124	32	12,925	.....	.....	2,357,326	4,724,500	104
5	3,715	.....	.....	24	13,504	5	1,840	.....	.....	.....	.....	.....	.....	.....	.....	18,754	47,008	105
10	11,644	.....	.....	37	17,438	.....	.....	1	28	.....	.....	.....	.....	.....	.....	65,874	134,176	106
9	7,492	.....	.....	37	15,886	.....	.....	.....	.....	28	8,944	.....	.....	.....	.....	43,619	93,366	107
10	12,567	.....	.....	147	73,646	53	15,752	3	624	18	16,800	13	6,992	.....	.....	331,116	575,200	108
23	22,960	.....	.....	129	71,599	1	416	3	604	10	6,616	.....	.....	.....	.....	433,647	602,790	109
15	14,440	2	1,140	116	53,864	44	12,960	84	15,150	3	1,092	.....	.....	.....	.....	395,426	523,261	110
27	24,700	2	1,000	470	248,652	19	6,000	16	4,160	100	62,400	.....	.....	.....	.....	1,625,836	2,266,500	111
71	124,336	1	312	1,049	620,108	.....	.....	.....	.....	618	421,469	.....	.....	.....	.....	3,186,636	5,430,161	112
51	66,730	.....	.....	655	386,331	.....	.....	1	125	50	29,060	.....	.....	.....	.....	1,961,634	2,780,016	113
24	16,977	.....	.....	261	106,900	.....	.....	.....	.....	20	11,572	.....	.....	.....	.....	219,195	735,753	114
3	640	.....	.....	5	1,087	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,697	10,599	115
220	458,231	1	1,040	1,172	949,330	.....	.....	2	331	.....	.....	.....	.....	.....	.....	3,592,491	10,018,393	116
6	888	.....	.....	16	700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,136	21,510	117
27	18,574	.....	.....	20	11,411	.....	.....	1	52	2	200	.....	.....	.....	.....	17,866	66,878	118
37	27,371	.....	.....	62	30,691	8	1,720	12	2,102	7	3,640	.....	.....	.....	.....	91,746	215,990	119
54	33,668	.....	.....	569	184,273	2	600	2	344	42	11,202	1	200	4	356	692,537	1,215,524	120
189	198,773	3	2,076	1,616	970,123	7	1,870	2	450	10	7,020	.....	.....	.....	.....	2,996,817	4,869,372	121

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW JERSEY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.	Miscellaneous expenses.	Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
122	Mantels, slate, marble, and marbleized	5	$32,148	$14,725	$5,000	$7,750	$1,975	$17,423	$1,833	38	$27,171
123	Marble and stone work. (See also Monuments and tombstones.)	32	910,293	432,710	229,610	31,200	171,900	477,583	26,255	762	629,718
124	Masonry, brick and stone. (See also Plastering and stuccowork.)	233	2,045,976	416,710	135,550	98,950	182,210	1,629,266	136,595	3,898	3,104,891
125	Matches	3	65,675	40,400	500	7,600	32,300	25,275	3,198	86	23,078
126	Mats and matting	3	53,470	23,932	50	400	23,482	29,544	5,610	81	30,360
127	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	19	278,280	86,843	7,800	44,200	34,843	191,437	36,010	284	140,880
128	Millinery and lace goods. (See also Artificial feathers and flowers.)	9	183,415	121,590	17,700	40,600	63,290	64,825	14,912	349	144,366
129	Millinery, custom work	135	415,125	147,812	60,200	68,300	10,312	267,313	41,795	554	179,432
130	Mineral and soda waters. (See also Bottling.)	60	613,478	519,480	95,850	127,100	296,530	93,998	77,129	392	231,357
131	Models and patterns	21	88,640	56,650	12,000	12,700	31,950	31,990	7,017	106	80,813
132	Monuments and tombstones. (See also Marble and stone work.)	55	324,608	169,773	93,150	55,975	20,648	154,835	9,051	257	175,871
133	Mucilage and paste	4	11,860	5,350	890	800	3,750	6,510	856	10	5,207
134	Musical instruments and materials, not specified.	4	3,625	825	----	----	825	2,800	486	7	3,014
135	Musical instruments, organs and materials.	6	115,977	41,703	3,500	14,762	23,441	74,274	45,946	171	103,449
136	Musical instruments, pianos and materials.	4	40,550	13,150	3,500	5,000	4,650	27,400	1,367	30	20,328
137	Oil, lubricating	6	552,338	332,522	67,903	110,000	154,529	219,816	14,964	149	119,758
138	Oilcloth, enameled	6	578,000	351,500	74,000	162,000	115,500	226,500	54,790	256	150,500
139	Oilcloth, floor	6	1,209,451	721,745	120,000	381,000	220,745	487,706	96,786	538	288,025
140	Painting and paper hanging	311	926,879	343,075	113,090	139,035	91,040	583,804	80,478	2,031	1,483,827
141	Paints. (See also Chemicals; Varnish.)	18	2,845,007	1,135,273	228,500	411,072	495,701	1,709,734	84,161	705	449,324
142	Paper	21	1,882,193	1,452,459	332,500	427,200	692,759	429,734	81,268	546	276,055
143	Paper goods, not elsewhere specified	3	65,750	33,000	2,000	2,500	28,500	32,750	7,760	60	32,694
144	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	18	175,485	53,630	12,800	22,700	18,130	121,855	13,981	69	36,296
145	Paving and paving materials	14	286,769	101,068	4,900	3,800	92,368	185,701	12,573	310	186,370
146	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	3	53,260	30,510	5,000	15,000	10,510	22,750	1,670	86	42,476
147	Petroleum, refining	4	16,500,730	9,295,985	2,605,740	1,678,545	5,011,700	7,204,745	241,188	2,703	1,618,501
148	Photography	79	217,257	153,175	46,325	21,550	85,300	64,082	30,052	238	131,727
149	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	15	234,786	69,510	12,900	14,200	42,410	165,276	28,820	282	84,925
150	Plastering and stuccowork. (See also Masonry, brick and stone)	27	77,336	42,135	13,650	14,950	13,535	35,201	4,960	192	155,368
151	Plated and britannia ware. (See also Silverware.)	6	119,650	54,000	8,000	6,000	40,000	65,650	5,994	109	70,748
152	Plumbers' supplies. (See also Brass castings and brass finishing.)	6	75,290	43,700	400	600	42,700	31,590	7,502	91	50,379
153	Plumbing and gas fitting	262	1,641,121	649,907	219,635	237,990	192,282	991,214	111,094	2,242	1,507,635
154	Pocketbooks. (See also Leather goods.)	3	170,400	48,550	0,450	26,000	11,100	121,850	35,439	231	91,160
155	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	72	773,571	507,451	66,000	47,000	394,451	266,120	56,237	773	430,211
156	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	224	2,373,213	1,825,350	171,900	231,825	1,421,625	547,863	477,214	2,199	1,365,376
157	Printing materials	3	22,750	0,650	----	----	6,050	16,100	6,492	48	29,637
158	Printing, tin	4	6,050	5,000	----	----	5,000	1,050	2,332	18	8,448
159	Pumps, not including steam pumps	7	21,095	14,370	3,000	3,900	7,470	7,325	1,276	22	13,468
160	Refrigerators	3	17,450	9,400	3,000	3,500	2,900	8,050	1,286	24	16,010
161	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	70	559,743	327,310	133,650	83,675	109,985	232,433	47,079	565	390,411
162	Rubber and elastic goods	12	1,458,691	615,100	31,000	81,000	503,100	843,591	128,136	984	523,080
163	Saddlery and harness	175	916,181	296,145	97,035	101,500	97,610	620,036	70,346	1,087	642,356
164	Sausage. (See also Slaughtering.)	17	163,436	113,200	28,700	49,100	35,400	50,236	16,148	94	47,899
165	Sewing machines and attachments	3	5,237,855	2,100,495	50,000	700,000	1,350,495	3,137,360	288,620	3,947	2,124,376
166	Shipbuilding	62	2,165,104	1,325,929	484,775	214,695	626,459	839,175	89,200	1,186	890,789
167	Shirts. (See also Furnishing goods, men's.)	24	409,942	184,201	42,000	59,000	83,204	225,738	31,356	1,524	603,018
168	Shoddy	4	193,225	78,900	14,500	25,400	39,000	114,325	20,150	127	43,755
169	Silk and silk goods	132	16,809,927	7,209,643	590,919	1,579,160	5,039,564	9,600,284	1,356,137	17,917	7,176,180
170	Slaughtering and meat packing, wholesale. (See also Sausage.)	22	914,010	467,900	113,600	170,700	183,600	446,710	100,627	379	267,820
171	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	28	911,040	223,115	104,500	80,560	38,115	687,925	56,903	367	358,068

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW JERSEY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
6	$4,680	.....	.....	32	$22,491	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$24,287	$71,420	122
52	65,505	.....	.....	694	555,297	.....	.....	4	$1,664	12	$7,252	.....	.....	.....	.....	533,609	1,489,987	123
263	310,056	1	$500	3,574	2,739,477	.....	.....	.....	.....	60	54,858	.....	.....	.....	.....	3,195,503	7,402,271	124
5	4,424	.....	.....	20	9,030	37	$6,000	4	624	.....	.....	20	$3,000	.....	.....	65,926	132,000	125
11	10,385	.....	.....	56	17,453	9	1,612	.....	.....	3	702	2	208	.....	.....	23,295	70,237	126
38	39,712	3	1,024	110	55,211	19	6,445	2	364	71	24,250	41	13,874	.....	.....	341,820	634,908	127
15	13,032	.....	.....	34	13,722	75	27,576	1	100	146	70,604	78	19,332	.....	.....	136,845	353,600	128
21	14,034	93	44,097	7	4,354	427	116,376	4	396	.....	.....	2	175	.....	.....	374,657	753,742	129
78	69,190	.....	.....	305	160,319	1	416	8	1,432	.....	.....	.....	.....	.....	.....	251,455	753,783	130
26	28,020	1	286	79	52,507	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31,679	145,590	131
41	36,190	1	624	210	136,303	.....	.....	2	514	3	2,240	.....	.....	.....	.....	239,905	548,590	132
3	1,928	.....	.....	6	3,071	.....	.....	.....	.....	1	208	.....	.....	.....	.....	22,157	34,560	133
3	1,374	.....	.....	2	1,120	2	520	.....	.....	.....	.....	.....	.....	.....	.....	6,212	10,580	134
9	10,360	6	1,300	105	51,569	.....	.....	1	220	50	40,000	.....	.....	.....	.....	128,173	326,234	135
6	5,568	.....	.....	24	14,780	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,800	45,760	136
15	30,126	.....	.....	134	89,632	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	353,781	532,169	137
16	23,750	.....	.....	239	126,430	1	320	.....	.....	.....	.....	.....	.....	.....	.....	665,896	1,129,185	138
26	38,655	1	250	259	122,576	.....	.....	2	350	216	122,658	.....	.....	34	$3,536	838,395	1,429,275	139
335	297,585	2	712	1,611	1,125,866	.....	.....	4	838	79	58,826	.....	.....	.....	.....	851,705	2,786,216	140
105	145,078	3	1,508	526	286,794	64	15,194	6	600	1	150	.....	.....	.....	.....	1,506,519	2,391,947	141
31	39,532	.....	.....	426	214,611	59	16,568	5	796	.....	.....	25	4,548	.....	.....	724,236	1,377,385	142
4	3,900	.....	.....	55	28,698	.....	.....	1	96	.....	.....	.....	.....	.....	.....	128,881	193,500	143
22	18,362	5	2,134	26	11,319	8	1,784	2	357	6	2,340	.....	.....	.....	.....	63,633	165,822	144
15	19,506	.....	.....	295	166,864	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	366,026	664,724	145
6	9,068	.....	.....	39	21,916	41	11,492	.....	.....	.....	.....	.....	.....	.....	.....	128,870	215,150	146
93	148,913	.....	.....	2,011	1,244,994	.....	.....	.....	.....	599	224,594	.....	.....	.....	.....	16,474,022	20,711,826	147
69	60,457	3	864	115	57,518	44	11,392	3	510	3	830	1	156	.....	.....	85,060	329,233	148
32	23,589	.....	.....	72	28,244	31	7,026	1	150	20	4,509	122	20,892	4	530	272,405	467,503	149
24	23,507	.....	.....	180	127,168	.....	.....	1	75	7	4,618	.....	.....	.....	.....	112,189	303,651	150
7	8,780	1	750	86	55,181	3	883	5	862	7	4,292	.....	.....	.....	.....	33,606	166,749	151
10	11,025	.....	.....	68	37,020	2	624	11	1,710	.....	.....	.....	.....	.....	.....	27,357	132,000	152
325	312,112	3	988	1,885	1,188,863	2	1,092	26	4,330	1	250	.....	.....	.....	.....	1,913,360	4,093,083	153
10	16,352	1	468	123	61,860	57	10,400	40	2,080	.....	.....	.....	.....	.....	.....	171,452	346,000	154
109	109,521	4	1,200	429	236,035	70	24,432	43	8,429	63	37,654	55	12,940	.....	.....	423,593	1,085,544	155
260	300,602	148	45,196	1,309	745,477	69	18,128	71	9,051	286	229,072	56	17,850	.....	.....	566,188	2,965,362	156
8	7,540	.....	.....	30	19,497	2	600	.....	.....	8	2,000	.....	.....	.....	.....	43,170	99,000	157
5	4,560	.....	.....	13	3,888	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,160	22,800	158
6	4,836	.....	.....	15	7,852	.....	.....	.....	.....	1	780	.....	.....	.....	.....	34,375	75,198	159
3	3,780	.....	.....	21	12,230	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,380	35,735	160
81	75,081	2	1,125	481	313,997	.....	.....	1	208	.....	.....	.....	.....	.....	.....	727,159	1,311,952	161
64	130,350	2	650	465	237,564	77	22,752	58	9,664	168	83,200	120	32,400	30	6,500	1,157,124	2,135,705	162
184	150,863	2	1,760	471	259,762	5	2,000	6	993	363	212,410	56	14,568	.....	.....	770,522	1,796,800	163
12	10,391	.....	.....	81	37,141	1	364	.....	.....	.....	.....	.....	.....	.....	.....	137,651	248,802	164
16	52,492	.....	.....	3,069	1,656,219	229	70,907	150	50,400	483	294,358	.....	.....	.....	.....	761,365	4,177,330	165
76	73,499	.....	.....	1,100	891,066	.....	.....	.....	.....	16	16,224	.....	.....	.....	.....	1,140,452	2,592,420	166
52	39,382	9	5,060	125	79,544	378	110,453	10	1,000	177	75,048	763	191,531	10	1,000	656,568	1,302,978	167
10	8,150	.....	.....	64	26,480	49	8,225	4	560	.....	.....	.....	.....	.....	.....	301,113	389,640	168
411	520,642	61	20,928	4,010	2,165,828	5,961	1,801,445	863	129,579	3,763	1,663,655	2,812	862,160	36	11,943	17,908,833	30,760,371	169
63	65,144	2	520	314	202,156	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,529,988	5,252,552	170
71	122,902	.....	.....	257	192,284	.....	.....	.....	.....	39	42,882	.....	.....	.....	.....	11,703,593	12,560,614	171

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW JERSEY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
172	Smelting and refining	8	$140,075	$28,300	$5,900	$12,300	$10,100	$111,775	$27,238	143	$94,385
173	Soap and candles. (See also Grease and tallow.)	14	2,206,143	698,950	300,000	249,300	149,650	1,507,193	382,762	593	360,531
174	Sporting goods	3	88,616	46,900	900	4,000	42,000	41,716	4,439	65	30,608
175	Springs, steel, car and carriage	6	268,700	108,500	27,000	23,000	58,500	160,200	19,709	181	126,681
176	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	22	1,402,126	635,825	33,100	52,225	550,500	766,301	100,122	1,662	630,904
177	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	6	1,485,987	457,607	78,400	47,864	331,343	1,028,380	65,263	818	532,094
178	Surgical appliances	8	21,075	10,130	300	1,000	8,830	10,945	3,397	51	28,637
179	Timber products, not manufactured at mill.	4	10,978	9,956	5,900	----	4,056	1,022	158	22	5,276
180	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	98	653,959	362,250	119,025	161,425	81,800	291,709	33,843	546	336,089
181	Tobacco, chewing, smoking, and snuff	4	311,113	113,644	32,000	62,223	19,421	197,469	134,322	151	65,281
182	Tobacco, cigars and cigarettes	444	1,055,558	459,902	183,170	230,425	46,307	595,656	233,327	1,433	704,272
183	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	24	306,928	158,360	5,600	28,900	123,860	148,568	29,166	361	205,332
184	Toys and games	11	42,523	22,663	6,850	7,150	8,663	19,860	2,570	67	17,090
185	Trunks and valises. (See also Leather goods.)	18	1,398,073	485,325	169,600	176,400	139,325	912,748	96,331	1,312	712,596
186	Umbrellas and canes	13	136,000	89,200	25,500	30,500	33,200	46,800	6,052	241	98,998
187	Upholstery materials. (See also Carpets and rugs, other than rag; Woolen goods; Worsted goods.)	7	134,901	67,900	3,100	8,100	56,700	67,001	6,679	153	57,444
188	Varnish. (See also Paints.)	22	2,361,199	494,615	101,400	244,175	149,040	1,866,584	353,348	250	274,423
189	Vinegar and cider	11	110,195	93,795	25,550	39,050	29,195	16,400	1,768	38	12,575
190	Watch and clock materials	5	185,550	78,000	4,500	4,700	68,800	107,550	5,837	139	77,184
191	Watch cases	4	617,987	108,973	10,000	15,000	83,973	509,014	19,821	313	204,783
192	Watch, clock, and jewelry repairing. (See also Jewelry.)	93	243,837	118,830	57,700	28,500	32,630	125,067	23,477	191	118,043
193	Window shades	6	142,575	86,490	13,600	36,500	36,390	56,085	4,640	125	81,036
194	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	14	289,904	158,577	25,500	65,500	67,577	131,327	11,856	244	132,397
195	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	42	337,892	164,735	28,100	52,100	84,535	173,157	21,002	330	207,507
196	Woodenware, not elsewhere specified	3	2,430	1,400	300	700	400	1,630	185	3	1,404
197	Woolen goods. (See also Carpets and rugs, other than rag; Felt goods; Gloves and mittens; Hosiery and knit goods.)	21	3,810,832	1,987,064	355,275	662,625	969,164	1,823,768	405,715	4,228	1,481,315
198	Worsted goods	6	1,305,271	653,472	38,500	181,500	433,472	651,799	91,406	954	284,102
199	All other industries (a)	112	14,392,958	7,316,008	1,287,131	2,335,586	3,693,291	7,076,950	814,830	7,732	3,242,956

a Embraces ammunition, 1; axle grease, 1; babbitt metal and solder, 2; bagging, flax, hemp, and jute, 1; baking and yeast powders, 1; belting and hose, linen, 1; bicycles and tricycles, 1; billiard tables and materials, 2; blacking, 2; bone, ivory, and lamp black, 2; boot and shoe cut stock, 2; boots and shoes, rubber, 2; brass, 1; bronze castings, 1; cars, street railroad, not including operations of railroad companies, 1; chocolate and cocoa products, 1; cleansing and polishing preparations, 1; clocks, 1; cloth, sponging and refinishing, 1; clothing, horse, 1; combs, 1; cordage and twine, 2; cordials and sirups, 1; crucibles, 1; dentists' materials, 1; emery wheels, 2; enameled goods, 1; enameling, 2; felt goods, 2; fireworks, 1; fish, canning and preserving, 2; foundry supplies, 1; furs, dressed, 1; galvanizing, 2; gunpowder, 2; hand stamps, 2; hay and straw, baling, 1; house furnishing goods, not elsewhere specified, 2; ice, artificial, 1; ink, writing, 2; iron and steel, belts,

BY COUNTIES.

1	The State	9,225	250,805,745	128,643,466	26,057,714	40,777,779	61,807,973	122,162,279	18,458,052	187,398	96,778,736
2	Atlantic	39	716,415	531,290	137,835	154,175	239,280	185,125	29,243	466	171,179
3	Bergen	130	4,835,435	3,272,765	478,198	1,355,273	1,439,294	1,562,670	377,189	2,738	1,419,056
4	Burlington	344	3,747,505	2,101,031	290,411	767,925	1,042,695	1,646,474	234,039	4,952	1,947,725
5	Camden	691	19,839,569	9,902,334	2,340,802	2,968,380	4,593,152	9,937,235	1,096,340	12,884	6,581,610
6	Cape May	37	178,825	110,970	14,075	23,950	72,945	67,855	5,632	130	46,203
7	Cumberland	335	6,426,493	3,618,400	589,617	1,402,715	1,626,068	2,808,093	286,739	7,202	3,935,959
8	Essex	2,879	68,365,093	31,289,609	6,386,580	10,433,325	14,469,704	37,015,394	6,506,375	54,407	31,420,185
9	Gloucester	165	2,290,495	1,208,111	127,225	693,550	387,336	1,082,384	81,938	2,253	1,030,085
10	Hudson	1,254	52,694,445	27,914,740	6,780,230	7,797,029	13,331,481	24,779,705	3,403,213	27,613	15,852,196
11	Hunterdon	242	2,281,058	1,240,144	183,992	458,290	597,862	1,040,914	127,150	1,710	695,975

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW JERSEY—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
18	$28,540	.....	.....	125	$65,845	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$1,605,000	$1,787,630	172
43	54,510	1	$312	479	234,133	20	$5,994	50	$5,582	.....	.....	.....	.....	.....	.....	997,877	2,014,847	173
5	4,940	.....	.....	15	9,256	6	1,289	9	1,872	16	$9,620	14	$3,640	.....	.....	22,850	132,000	174
15	28,250	.....	.....	124	72,731	.....	.....	.....	.....	42	25,700	.....	.....	.....	.....	193,367	411,231	175
48	57,868	.....	.....	751	338,283	164	32,896	62	6,513	409	158,903	129	33,175	39	$3,266	937,048	1,922,460	176
78	119,962	.....	.....	667	357,382	.....	.....	.....	.....	73	54,750	.....	.....	.....	.....	917,106	1,715,696	177
7	7,890	.....	.....	23	14,102	8	2,670	1	200	3	1,300	9	2,475	.....	.....	19,172	60,980	178
1	500	.....	.....	12	4,296	.....	.....	.....	.....	9	480	.....	.....	.....	.....	3,450	10,242	179
91	85,419	.....	.....	390	238,282	3	650	5	1,038	17	8,700	40	2,000	.....	.....	436,512	1,031,508	180
20	18,591	.....	.....	44	21,190	6	1,336	.....	.....	40	15,882	28	6,332	13	1,950	111,095	348,814	181
369	227,838	13	4,304	387	176,619	29	6,216	30	4,627	535	268,744	60	14,595	10	1,329	694,763	1,909,406	182
38	36,576	1	624	270	147,102	4	818	17	3,298	30	16,810	1	104	.....	.....	69,121	376,907	183
11	6,161	1	520	34	8,287	14	2,166	2	192	1	104	4	260	.....	.....	13,976	50,870	184
81	83,042	1	300	438	246,672	22	5,410	21	2,650	698	357,930	41	14,592	10	2,000	981,007	2,015,413	185
10	8,996	2	832	106	53,014	10	2,652	1	104	111	33,360	1	100	.....	.....	67,721	188,962	186
10	9,142	.....	.....	36	21,019	106	27,127	1	156	.....	.....	.....	.....	.....	.....	64,336	149,419	187
98	171,596	4	2,340	146	99,887	2	660	.....	.....	.....	.....	.....	.....	.....	.....	1,035,792	2,308,035	188
11	4,843	.....	.....	27	7,732	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,894	56,756	189
14	15,816	.....	.....	98	47,278	21	7,540	1	150	5	6,490	.....	.....	.....	.....	160,706	279,700	190
15	28,411	1	416	90	60,591	9	2,709	6	991	190	111,184	.....	.....	2	481	651,384	1,004,584	191
78	57,043	.....	.....	105	58,884	.....	.....	4	566	4	1,550	.....	.....	.....	.....	69,063	268,228	192
10	16,520	.....	.....	97	57,392	10	2,548	.....	.....	8	4,576	.....	.....	.....	.....	166,352	331,601	193
27	27,165	4	1,800	99	46,766	15	2,044	5	600	81	56,172	13	2,950	.....	.....	142,324	320,951	194
51	41,326	.....	.....	244	157,112	.....	.....	27	4,393	8	4,676	.....	.....	.....	.....	124,284	389,711	195
3	1,404	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	733	2,609	196
62	77,857	1	1,300	1,990	854,706	1,963	509,487	78	12,886	1	767	87	18,167	46	6,145	3,281,979	6,652,166	197
17	12,660	.....	.....	318	132,711	503	104,301	78	13,650	10	8,290	28	12,490	.....	.....	1,417,167	2,058,662	198
323	435,421	14	5,758	3,797	1,881,510	1,867	452,146	347	55,473	528	224,606	846	186,042	10	2,000	7,426,705	13,617,233	199

nuts, washers, and rivets, 1; jute and jute goods, 5; labels and tags, 1; lapidary work, 2; lasts, 1; lead, bar, pipe, and sheet, 1; lightning rods, 1; lithographing and engraving, 2; malt, 1; needles and pins, 1; oakum, 2; oil, castor, 1; oil, lard, 1; oil, linseed, 1; optical goods, 2; pencil cases, 2; pencils, lead, 1; pens, steel, 1; photographic apparatus, 2; photographic materials, 2; pipes, tobacco, 2; rules, ivory and wood, 2; saws, 1; scales and balances, 2; sewing machine cases, 1; sewing machine repairing, 2; silverware, 1; stationery goods, not elsewhere specified, 2; taxidermy, 2; thread, linen, 1; typewriters and supplies, 2; washing machines and clothes wringers, 2; watches, 2; wire, 2; wood, preserving, 1.

BY COUNTIES.

12,639	13,419,362	981	415,256	106,439	58,916,453	23,082	6,313,108	4,771	710,260	24,931	13,416,872	14,013	3,502,100	542	85,325	189,365,740	354,573,571	1
42	24,825	.....	.....	242	100,605	99	25,780	25	2,843	31	9,520	26	7,450	1	156	265,471	554,068	2
170	183,841	1	500	2,006	1,105,735	253	61,472	70	9,870	115	34,101	123	23,537	.....	.....	3,037,087	5,774,812	3
340	251,874	28	9,368	2,193	969,011	489	105,871	42	6,697	908	405,166	942	199,663	10	75	3,604,334	6,717,727	4
975	894,460	43	16,573	7,587	4,220,019	1,628	427,791	308	44,127	1,211	754,054	1,105	222,629	27	1,957	13,524,843	24,446,187	5
25	12,296	.....	.....	93	32,991	1	104	5	512	4	250	.....	.....	2	50	55,853	135,473	6
373	265,124	27	7,996	3,836	1,637,445	750	175,110	605	65,183	1,215	843,485	363	35,978	33	5,638	3,170,490	7,745,530	7
4,383	5,152,105	244	117,393	27,746	17,067,375	5,569	1,632,790	700	105,638	11042	6,007,383	4,609	1,316,229	114	21,272	51,902,117	105,844,732	8
106	82,651	2	724	1,002	401,847	44	6,669	384	46,523	582	485,850	41	5,508	2	313	999,085	2,501,941	9
2,143	2,491,148	225	89,296	16,667	10,333,046	2,560	696,082	618	90,503	3,356	1,604,045	1,978	539,664	66	8,412	50,133,717	79,100,786	10
170	100,294	9	2,388	1,202	497,532	87	15,468	7	882	119	61,204	112	17,715	4	492	1,758,738	2,956,637	11

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW JERSEY—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
12	Mercer	1,000	$20,761,890	$11,269,603	$3,092,518	$3,783,393	$4,393,692	$9,492,287	$1,395,811	16,363	$8,500,111
13	Middlesex	274	6,047,827	3,503,365	1,077,954	1,082,992	1,342,419	2,544,462	452,610	5,925	2,094,804
14	Monmouth	109	3,684,245	2,690,708	272,900	884,200	1,533,608	993,537	136,981	1,447	726,562
15	Morris	149	3,831,112	1,951,729	284,107	492,994	1,174,628	1,879,383	231,572	2,993	1,417,568
16	Ocean	32	316,063	170,519	43,575	40,500	80,444	145,544	14,201	296	102,462
17	Passaic	668	32,631,721	16,141,667	2,233,005	4,748,761	9,159,901	16,490,054	2,709,092	27,712	13,287,501
18	Salem	144	1,230,436	655,431	129,000	255,525	270,906	575,005	84,680	3,113	661,595
19	Somerset	148	1,411,721	779,460	141,210	291,100	347,150	632,261	105,792	1,801	712,380
20	Sussex	116	1,885,755	1,214,309	269,070	190,852	754,387	671,446	96,694	1,174	498,413
21	Union	310	12,902,155	6,623,220	928,580	2,404,003	3,290,637	6,278,935	754,980	9,497	5,375,458
22	Warren	159	4,787,577	2,454,061	250,830	542,847	1,660,384	2,333,516	333,772	2,722	1,211,709

NEW MEXICO.

BY SPECIFIED INDUSTRIES.

1	All industries	127	965,938	717,750	60,507	185,295	471,948	248,188	76,638	944	532,727
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	17	18,414	9,155	1,515	2,140	5,500	9,259	2,206	27	13,733
3	Boots and shoes, custom work and repairing.	4	1,064	725	150	200	375	339	260	4	1,976
4	Carpentering	3	3,895	3,075	300	2,000	775	820	175	5	3,290
5	Cars and general shop construction and repairs by steam railroad companies.	6	137,389	107,370	11,400	50,820	45,150	30,019	.....	258	176,563
6	Flouring and grist mill products	18	181,050	132,587	10,800	45,000	76,787	48,463	14,197	66	22,847
7	Lime and cement	4	25,600	25,100	3,100	10,550	11,450	500	370	23	5,469
8	Lumber and other mill products from logs or bolts. (See also Lumber, planing mill products, including sash, doors, and blinds.)	26	193,335	141,577	8,642	14,585	118,350	51,758	13,812	330	161,981
9	Printing and publishing, newspapers and periodicals.	31	120,068	76,950	5,800	8,450	62,700	43,118	33,405	140	88,833
10	All other industries (*a*)	19	285,123	221,211	18,800	51,550	150,861	63,912	12,213	101	58,035

a Embraces brooms and brushes, 1; carriages and wagons, including custom work and repairing, 1; dentistry, mechanical, 1; foundry and machine shop products, 2; furniture, cabinetmaking, repairing and upholstering, 1; gas, illuminating and heating, 2; liquors, malt, 2; lumber, planing mill products, including sash, doors, and blinds, 2; millinery, custom work, 1; mineral and soda waters, 2; saddlery and harness, 2; tinsmithing, coppersmithing, and sheet-iron working, 2.

BY COUNTIES.

1	The Territory	127	965,938	717,750	60,507	185,295	471,948	248,188	76,638	944	532,727
2	Bernalillo	9	201,950	173,050	18,850	35,600	118,600	28,900	24,822	107	66,741
3	Colfax	15	131,165	107,485	8,700	50,610	48,175	23,620	2,970	198	113,567
4	Donna Ana	3	18,144	6,200	350	500	5,350	11,944	1,601	17	7,375
5	Grant	27	69,154	40,800	3,000	8,775	29,025	28,354	8,471	91	45,997
6	Lincoln	19	33,809	23,130	4,240	6,090	12,800	10,679	2,718	44	14,022
7	Mora	3	15,620	13,150	900	8,500	3,750	2,470	827	6	1,532
8	San Miguel	16	159,190	125,010	10,242	36,170	78,598	34,180	9,817	154	83,171
9	Santa Fe	8	23,798	18,550	750	4,400	13,400	5,248	4,649	55	25,930
10	Sierra	6	11,400	6,450	1,150	2,050	3,250	4,950	1,292	12	6,755
11	Socorro	8	86,305	54,125	4,825	12,850	36,450	32,180	4,850	86	54,998
12	Taos	4	109,580	68,500	600	14,100	53,800	41,080	9,701	71	40,795
13	Valencia	4	34,238	27,650	6,500	2,650	18,500	6,588	1,180	16	9,040
14	All other counties (*a*)	5	71,645	53,650	400	3,000	50,250	17,995	3,740	87	62,804

a Includes establishments distributed as follows: Rio Arriba, 3; San Juan, 2.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW JERSEY—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Oporatives, skilled and unskilled.						Piecework ers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
1,106	$1,126,641	221	$100,974	10,758	$5,817,955	2,313	$564,689	370	$56,570	1,044	$697,309	462	$121,311	89	$14,662	$13,540,641	$27,451,149	12
302	251,812	11	5,000	4,326	1,537,041	491	125,581	163	25,832	129	58,996	480	89,061	23	1,481	3,024,876	6,562,025	13
171	123,338	3	1,150	1,164	573,884	52	11,302	14	1,378	24	12,650	19	2,860	.....	.....	1,209,884	2,484,516	14
182	189,114	3	1,050	1,807	969,838	286	65,354	141	20,155	228	104,319	314	61,013	32	6,725	2,915,062	5,421,349	15
29	17,258	1	780	203	73,202	21	823	7	79	35	10,320	.....	.....	.....	.....	194,801	366,961	16
1,080	1,269,661	78	32,797	13,115	7,336,526	6,356	1,859,737	899	145,399	3,895	1,911,069	2,186	710,693	103	21,599	25,708,135	48,591,013	17
136	75,499	6	1,765	1,262	374,837	321	20,906	81	7,012	433	137,122	851	33,194	23	1,260	1,354,272	2,371,045	18
139	104,052	3	1,342	1,097	451,536	511	146,532	22	3,898	14	3,070	13	1,850	2	100	1,700,086	2,891,983	19
110	72,879	6	1,763	598	257,787	46	10,500	12	1,467	254	103,234	147	50,650	1	133	1,371,006	2,156,561	20
454	572,928	26	13,737	7,484	4,280,789	868	270,152	205	59,432	211	114,965	239	62,455	10	1,000	6,258,059	14,839,777	21
203	157,542	44	10,660	1,961	877,452	337	90,395	93	16,260	81	58,760	3	640	.....	.....	3,631,168	5,659,299	22

NEW MEXICO.

BY SPECIFIED INDUSTRIES.

91	61,425	4	941	793	448,306	9	3,230	15	2,322	25	12,799	7	3,704	.....	.....	691,420	1,516,195	1
14	5,978	.....	.....	11	7,355	.....	.....	.....	.....	2	400	.....	.....	.....	.....	13,575	38,370	2
4	1,976	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,422	4,580	3
.....	.....	.....	.....	5	3,290	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,945	10,000	4
4	2,525	.....	.....	254	174,038	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	177,503	354,066	5
11	6,910	1	65	44	15,872	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	208,607	307,805	6
1	300	.....	.....	22	5,169	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,195	11,497	7
14	10,256	.....	.....	312	150,765	1	160	.....	.....	2	400	1	400	.....	.....	172,321	389,761	8
30	23,210	3	876	78	50,416	4	1,820	8	1,208	11	7,999	6	3,304	.....	.....	34,577	206,681	9
13	10,270	.....	.....	67	41,401	4	1,250	7	1,114	10	4,000	.....	.....	.....	.....	76,275	193,435	10

BY COUNTIES.

91	61,425	4	941	793	448,306	9	3,230	15	2,322	25	12,799	7	3,704	.....	.....	691,420	1,516,195	1
13	12,386	.....	.....	85	50,731	1	500	3	750	.....	.....	5	2,374	.....	.....	118,466	269,192	2
12	6,686	2	460	183	106,261	1	160	.....	.....	.....	.....	.....	.....	.....	.....	94,369	222,619	3
2	655	.....	.....	5	2,720	.....	.....	.....	.....	10	4,000	.....	.....	.....	.....	7,173	23,289	4
14	9,032	.....	.....	71	35,091	5	1,770	1	*104	.....	.....	.....	.....	.....	.....	39,309	121,587	5
15	7,460	.....	.....	25	5,762	.....	.....	.....	.....	4	800	.....	.....	.....	.....	19,587	46,252	6
3	840	.....	.....	3	692	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,230	18,225	7
7	6,240	.....	.....	140	71,417	.....	.....	2	224	4	4,360	1	930	.....	.....	105,199	232,130	8
3	3,200	1	65	39	17,385	2	800	5	880	5	3,600	.....	.....	.....	.....	22,921	60,472	9
3	2,024	.....	.....	9	4,731	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,212	15,390	10
9	7,202	.....	.....	72	47,032	.....	.....	4	364	.....	.....	1	400	.....	.....	66,751	133,312	11
4	732	.....	.....	65	40,024	.....	.....	.....	.....	2	39	.....	.....	.....	.....	108,696	193,082	12
1	1,580	.....	.....	15	7,460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,660	35,260	13
5	3,388	1	416	81	59,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72,847	145,385	14

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW YORK.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	65,840	$1,130,161,195	$532,753,966	$120,861,115	$141,542,405	$270,350,446	$597,407,229	$122,042,219	850,084	$466,845,642
2	Agricultural implements	116	19,924,731	3,227,462	569,225	1,395,486	1,262,751	16,697,269	2,263,680	6,038	3,179,511
3	Artificial feathers and flowers. (See also Millinery and lace goods.)	179	2,665,538	294,937	73,100	42,400	179,437	2,370,601	275,569	5,759	2,366,348
4	Artificial limbs. (See also Surgical appliances.)	10	66,650	25,200	.....	.....	25,200	41,450	11,673	91	75,312
5	Artists' materials	15	131,250	20,485	.....	.....	20,485	110,765	20,957	96	62,361
6	Awnings, tents, and sails	146	642,994	116,500	29,500	23,800	63,200	526,494	72,864	1,050	696,642
7	Axle grease	8	91,955	16,790	3,000	2,500	11,290	75,165	7,764	32	28,717
8	Babbitt metal and solder	4	64,160	7,500	1,550	2,650	3,300	56,660	1,643	19	17,592
9	Bags, other than paper	17	635,641	161,620	11,000	40,000	110,620	474,021	49,458	611	246,487
10	Bags, paper	19	422,098	193,226	5,000	15,000	173,226	228,872	25,482	330	125,500
11	Baking and yeast powders	22	443,708	157,697	20,200	29,700	107,797	286,011	76,169	269	156,626
12	Baskets and rattan and willow ware. (See also Whalebone and rattan.)	111	655,619	208,276	50,375	63,025	94,876	447,343	44,563	1,200	411,353
13	Bellows	5	10,140	5,470	1,000	4,000	470	4,670	1,315	12	6,523
14	Bells. (See also Foundry and machine shop products.)	3	72,911	46,444	12,500	18,290	15,654	26,467	11,452	27	19,896
15	Belting and hose, leather	25	2,076,230	424,010	141,000	137,500	145,510	1,652,220	135,846	683	498,265
16	Belting and hose, linen	3	444,319	324,684	50,000	75,600	199,084	119,635	12,923	169	94,048
17	Belting and hose, rubber	3	570,189	232,600	107,500	75,000	50,100	337,589	71,537	251	126,715
18	Bicycle and tricycle repairing	12	31,158	18,126	.....	.....	18,126	13,032	5,276	41	26,174
19	Bicycles and tricycles	4	44,700	10,200	1,500	1,500	7,200	34,500	1,815	47	25,905
20	Billiard tables and materials	20	217,505	23,865	4,000	3,000	16,865	193,640	27,060	128	116,375
21	Blacking. (See also Cleansing and polishing preparations.)	15	453,365	112,282	3,300	3,500	105,482	341,083	76,695	348	233,765
22	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	3,550	5,835,810	3,653,414	1,333,677	1,426,297	893,440	2,182,396	482,038	7,447	4,605,349
23	Bluing	8	9,190	4,935	2,000	1,000	1,935	4,255	1,185	29	9,473
24	Bone, ivory, and lamp black. (See also Paints.)	5	335,413	229,075	101,900	84,200	42,975	106,338	39,177	93	43,938
25	Bookbinding and blank-book making. (See also Printing and publishing.)	257	4,057,982	1,674,780	143,900	147,100	1,383,780	2,383,202	553,387	5,650	3,116,744
26	Boot and shoe cut stock	22	288,840	56,210	5,000	20,000	31,210	232,630	15,234	200	106,487
27	Boot and shoe findings	13	243,920	49,520	10,250	9,500	29,770	194,400	15,034	400	108,459
28	Boot and shoe uppers	115	363,977	93,102	25,000	22,800	45,302	270,875	43,100	503	290,726
29	Boots and shoes, custom work and repairing.	5,407	3,444,228	1,570,258	465,875	509,085	595,298	1,873,970	1,024,388	10,143	5,112,268
30	Boots and shoes, factory product	257	11,950,891	2,939,915	264,475	648,750	2,026,690	9,010,976	812,099	16,170	7,560,134
31	Bottling. (See also Liquors, malt; Mineral and soda waters.)	123	931,451	528,319	192,575	130,285	205,459	403,132	116,161	651	353,873
32	Boxes, cigar	70	1,411,663	507,942	58,600	53,600	395,742	903,721	189,855	2,154	964,173
33	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	207	3,185,143	1,343,387	128,950	279,339	935,098	1,841,756	422,507	7,059	2,877,527
34	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	122	2,634,885	1,275,728	393,675	275,175	606,878	1,359,157	212,554	2,374	1,300,957
35	Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	101	1,969,034	1,252,402	378,577	245,317	628,508	716,632	97,160	1,327	854,986
36	Brassware	43	722,675	337,386	19,350	67,650	250,386	385,289	81,330	993	661,728
37	Bread and other bakery products	2,419	10,016,357	6,524,590	1,922,884	2,310,323	2,291,383	3,491,767	1,862,863	13,186	7,920,185
38	Brick and tile. (See also Clay and pottery products.)	275	8,411,230	5,680,333	2,109,331	1,492,332	2,078,670	2,730,897	944,775	10,806	3,435,415
39	Bridges	17	1,618,059	544,758	59,900	146,265	338,593	1,073,301	97,655	1,761	1,004,647
40	Bronze castings. (See also Brass castings and brass finishing.)	6	197,500	68,000	12,000	4,000	52,000	129,500	41,351	144	126,964
41	Brooms and brushes	190	2,429,649	582,462	116,175	220,401	245,886	1,847,187	159,046	3,042	1,324,002
42	Buttons	34	653,215	329,530	3,000	8,500	318,030	323,685	55,078	950	441,998
43	Calcium lights	6	37,582	23,218	.....	.....	23,218	14,364	4,341	47	27,878
44	Carpentering	2,662	15,168,542	5,159,081	1,892,691	1,511,378	1,755,012	10,009,461	1,550,049	22,947	17,609,198
45	Carpets and rugs, other than rag. (See also Woolen goods.)	15	11,178,342	5,239,437	1,210,500	1,653,917	2,375,020	5,938,905	399,322	8,954	3,345,165
46	Carpets, rag	66	77,957	52,825	21,350	22,300	9,175	25,132	8,727	129	60,190
47	Carpets, wood	3	160,460	115,800	45,000	27,000	43,800	44,660	4,348	116	62,190
48	Carriage and wagon materials	59	1,787,264	828,182	95,450	191,472	541,250	959,082	118,265	1,272	654,649
49	Carriages and sleds, children's	25	593,961	190,745	43,900	82,300	64,545	403,216	46,552	570	265,191
50	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	1,098	15,363,984	5,978,644	1,883,729	2,569,853	1,545,062	9,385,340	963,546	11,059	6,551,138
51	Cars and general shop construction and repairs by steam railroad companies.	46	4,213,639	2,966,866	334,646	1,113,649	1,458,571	1,306,773	.....	8,676	4,495,976

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW YORK.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecoworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
87,936	$91343,801	10,082	$5122,282	453,552	$263838,516	107,857	$32358,000	10,470	$1621,250	91,901	$48920,785	86,493	$23348,915	1,793	$293,093	$871264,085	$1711,577,671	1
405	447,512	13	5,461	3,737	1,639,180	3	356	4	620	1,876	1,086,382	.....	.....	.....	.....	3,743,157	11,680,842	2
355	477,368	36	20,506	579	284,436	2,396	788,305	19	2,540	285	91,800	2,089	701,393	.....	.....	4,185,538	8,043,216	3
21	28,150	2	750	64	44,912	2	1,200	2	300	.....	.....	.....	.....	.....	.....	50,114	215,125	4
24	26,480	.....	.....	60	31,781	5	1,900	.....	.....	5	1,950	2	250	.....	.....	71,228	190,100	5
207	204,030	4	1,636	573	409,228	227	72,094	.....	.....	27	7,784	12	1,870	.....	.....	946,791	2,005,836	6
16	18,439	.....	.....	16	10,278	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50,992	110,550	7
9	9,398	.....	.....	10	8,194	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	171,560	224,277	8
53	62,912	5	2,184	139	76,743	178	45,247	4	624	43	9,412	123	32,049	66	17,316	2,191,325	2,694,370	9
36	30,010	1	468	123	49,842	105	27,716	7	1,350	15	4,180	43	11,934	.....	.....	582,589	1,062,060	10
46	63,022	2	1,144	138	69,492	69	20,475	1	200	2	1,586	11	707	.....	.....	617,145	1,013,564	11
128	101,549	5	2,172	401	169,767	180	41,781	86	6,660	280	75,792	102	12,427	18	1,205	369,398	1,045,790	12
6	3,724	.....	.....	5	2,624	.....	.....	1	175	.....	.....	.....	.....	.....	.....	7,798	16,130	13
7	8,560	1	260	19	11,076	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50,394	96,403	14
103	140,375	3	1,320	549	352,340	.....	.....	16	2,230	2	560	10	1,500	.....	.....	2,490,722	3,478,645	15
8	15,652	.....	.....	47	41,484	114	36,912	.....	.....	.....	.....	.....	.....	.....	.....	230,923	403,000	16
19	17,120	1	500	155	84,535	14	3,720	5	1,040	2	1,400	53	18,000	2	400	248,005	479,261	17
9	7,718	.....	.....	29	17,806	.....	.....	1	150	2	500	.....	.....	.....	.....	12,548	59,382	18
10	7,034	.....	.....	34	18,313	1	208	1	150	1	200	.....	.....	.....	.....	17,098	85,786	19
33	47,550	.....	.....	93	68,500	.....	.....	.....	.....	2	325	.....	.....	.....	.....	241,092	459,415	20
65	101,069	2	600	156	91,177	74	24,212	2	260	.....	.....	44	15,697	5	750	550,863	1,076,738	21
3,268	2,085,047	7	4,442	4,088	2,491,589	2	1,416	11	1,510	71	21,345	.....	.....	.....	.....	2,310,780	8,982,038	22
11	5,290	.....	.....	12	3,530	4	553	2	100	.....	.....	.....	.....	.....	.....	17,868	36,743	23
12	11,700	.....	.....	80	32,208	.....	.....	.....	.....	1	30	.....	.....	.....	.....	116,150	205,436	24
499	603,054	14	9,430	2,594	1,626,017	1,863	599,835	12	1,863	156	106,399	511	169,996	1	150	2,708,439	7,573,931	25
37	37,692	.....	.....	106	49,126	32	7,068	10	1,040	4	1,938	11	3,623	.....	.....	516,185	714,750	26
27	25,216	1	520	76	40,210	32	6,510	9	1,742	144	17,101	111	17,160	.....	.....	245,297	482,136	27
116	104,810	12	6,490	206	117,260	133	47,803	4	957	24	10,754	8	2,652	.....	.....	532,391	999,219	28
5,275	2,896,003	29	13,016	2,902	1,357,640	88	28,329	19	2,931	1,805	802,756	24	11,473	1	120	3,033,518	10,542,784	29
764	907,801	45	22,692	4,817	2,585,645	2,135	612,575	339	52,232	5,333	2,588,659	2,704	785,696	33	4,834	12,383,851	23,661,204	30
154	130,583	1	700	450	211,628	32	8,862	13	1,950	1	150	.....	.....	.....	.....	1,129,846	1,945,410	31
142	139,061	3	2,650	1,200	543,324	446	139,252	27	4,082	82	41,364	254	94,440	.....	.....	1,429,448	2,885,418	32
406	482,493	25	10,602	1,962	1,075,637	2,390	674,853	51	7,553	420	116,968	1,779	505,450	26	3,971	2,935,034	7,454,539	33
183	194,921	6	2,844	1,898	1,001,299	6	545	125	17,256	151	83,772	4	300	1	20	3,251,242	5,568,022	34
184	208,041	2	760	1,106	633,335	23	6,000	6	1,050	6	5,800	.....	.....	.....	.....	863,484	2,383,616	35
80	113,830	4	2,342	749	444,382	137	33,286	9	1,332	8	5,356	6	1,200	.....	.....	502,085	1,467,649	36
2,811	2,358,111	638	232,375	8,722	5,043,171	777	218,186	94	18,381	108	40,597	36	9,364	.....	.....	18,707,269	33,131,101	37
268	204,383	5	1,768	10,260	3,184,113	19	2,438	206	25,461	47	17,049	.....	.....	1	203	1,121,035	6,683,529	38
52	81,060	.....	.....	1,616	868,339	.....	.....	.....	.....	93	55,248	.....	.....	.....	.....	2,035,666	3,547,182	39
15	24,640	1	364	111	92,920	3	760	2	280	12	8,000	.....	.....	.....	.....	83,712	321,500	40
283	277,228	9	3,407	1,013	475,257	169	45,185	30	4,204	1,175	454,142	347	61,260	16	3,319	2,045,818	4,170,974	41
67	94,550	5	2,104	277	162,972	497	151,696	5	300	51	19,336	46	10,653	2	387	263,494	1,012,694	42
10	9,898	.....	.....	35	17,880	.....	.....	.....	.....	2	100	.....	.....	.....	.....	23,263	65,262	43
2,972	3,099,749	10	4,924	19,718	14,407,289	3	306	13	2,042	231	94,897	.....	.....	.....	.....	19,289,709	44,794,173	44
75	126,798	.....	.....	3,193	1,520,674	4,123	1,260,120	716	125,503	438	181,229	387	126,441	22	4,400	8,689,413	14,606,116	45
59	34,306	6	2,358	33	13,908	6	1,562	2	260	22	7,484	1	312	.....	.....	41,811	126,107	46
5	5,780	.....	.....	107	54,510	4	1,900	.....	.....	.....	.....	.....	.....	.....	.....	126,200	267,500	47
124	116,079	6	2,306	826	409,207	22	5,298	54	13,450	197	98,741	31	7,168	12	1,800	1,008,463	2,065,947	48
58	56,450	5	1,756	417	183,811	18	5,191	14	2,476	34	12,099	21	3,065	3	343	382,042	818,410	49
1,259	1,190,931	24	13,678	8,311	4,668,818	72	20,114	36	6,698	1,266	628,419	59	17,525	32	4,955	6,786,570	16,803,241	50
88	74,546	3	989	8,556	4,408,948	23	7,803	1	180	5	3,510	.....	.....	.....	.....	4,527,381	9,046,025	51

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW YORK—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
62	Cars and general shop construction and repairs by street railroad companies.	9	$193,512	$158,062	$87,167	$56,133	$14,762	$35,450	$8,897	157	$118,200
53	Cars, steam railroad, not including operations of railroad companies.	5	1,835,321	1,043,498	140,500	475,783	427,215	791,823	92,779	2,014	1,163,404
54	Cars, street railroad, not including operations of railroad companies.	6	1,384,783	698,545	389,000	192,000	117,545	686,238	62,406	913	577,521
55	Cheese and butter, urban dairy product.	29	50,388	34,340	7,500	9,500	17,340	16,048	9,212	95	52,259
56	Cheese, butter, and condensed milk, factory product.	1,308	4,002,026	2,826,268	228,606	1,487,019	1,110,643	1,175,758	149,946	3,075	837,617
57	Chemicals. (See also Fertilizers; Gunpowder; High explosives; Paints; Varnish.)	133	15,075,305	8,738,216	1,299,315	2,830,404	4,608,497	7,337,089	2,007,320	5,824	3,339,915
58	China, decorating. (See also Clay and pottery products.)	10	40,656	4,305	----------	----------	4,305	36,351	7,953	89	56,405
59	Chocolate and cocoa products	4	912,000	594,000	210,000	105,000	189,000	408,000	31,565	466	269,015
60	Clay and pottery products. (See also Brick and tile.)	56	2,785,120	1,600,920	441,350	727,800	431,770	1,184,200	167,503	1,756	901,160
61	Cleansing and polishing preparations. (See also Blacking.)	9	48,503	24,563	----------	----------	24,563	23,945	5,309	33	21,821
62	Clocks	6	204,876	57,577	8,000	17,781	31,796	147,299	19,802	222	131,177
63	Cloth, sponging and refinishing	8	140,500	76,500	----------	----------	76,500	64,000	27,429	261	166,348
64	Clothing, horse	6	69,350	10,450	800	1,700	7,950	58,900	6,810	99	66,324
65	Clothing, men's, custom work and repairing.	3,855	13,694,069	2,355,433	818,883	842,949	693,651	11,338,586	2,161,605	20,302	12,392,778
66	Clothing, men's, factory product	2,661	46,153,319	2,962,833	528,236	1,184,733	1,249,864	43,190,486	6,937,994	59,409	29,692,801
67	Clothing, men's, factory product, buttonholes.	147	122,551	80,628	7,530	7,142	71,956	35,923	30,863	965	369,596
68	Clothing, women's, dressmaking	4,883	4,844,080	2,568,747	1,173,256	865,196	530,295	2,275,333	1,050,200	17,631	6,563,108
69	Clothing, women's, factory product	895	11,381,635	1,602,209	194,800	239,900	1,167,509	9,779,426	2,225,473	26,694	13,354,437
70	Coffee and spice, roasting and grinding.	70	4,882,987	1,081,727	274,733	273,017	533,977	3,801,260	326,986	1,664	1,105,392
71	Coffins and burial cases, trimming and finishing.	314	1,328,060	603,457	173,265	201,735	228,457	724,603	137,406	808	593,062
72	Coffins, burial cases, and undertakers' goods.	44	2,540,863	898,514	380,100	286,811	231,603	1,642,349	202,056	1,563	943,443
73	Combs	4	291,782	290,000	62,500	60,000	77,500	91,782	13,565	267	176,656
74	Confectionery	657	5,678,878	2,899,797	683,435	769,850	1,446,512	2,779,081	782,798	7,240	3,197,917
75	Cooperage	441	3,601,362	1,512,003	443,115	675,545	393,343	2,089,359	337,925	4,198	2,209,866
76	Cordage and twine	17	6,513,639	4,174,675	773,400	1,473,000	1,928,275	2,338,964	235,165	4,284	1,660,183
77	Cordials and sirups	12	267,125	59,550	----------	----------	59,550	207,575	54,866	107	75,288
78	Cork, cutting	28	411,090	203,145	36,500	85,500	81,145	207,945	27,162	533	251,522
79	Corsets	56	777,152	251,925	13,500	36,900	201,525	525,227	97,678	1,722	738,059
80	Cotton, cleaning and rehandling	3	30,175	475	----------	----------	475	29,700	4,370	13	7,930
81	Cotton goods. (See also Hosiery and knit goods.)	42	13,290,745	10,236,876	401,221	3,678,389	6,157,286	3,053,869	724,405	8,401	2,563,730
82	Cotton waste	3	3,550	1,950	----------	----------	1,950	1,600	972	18	3,091
83	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	110	1,233,076	599,610	160,975	173,076	265,559	633,466	89,547	1,193	732,820
84	Dentistry, mechanical	626	1,108,822	710,975	148,325	113,665	448,985	397,847	258,463	1,070	927,755
85	Dentists' materials	6	624,545	375,950	10,050	182,050	183,850	248,595	10,348	340	230,592
86	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	366	936,881	278,049	77,250	60,600	140,199	658,832	196,234	921	576,004
87	Drug grinding	4	66,548	38,765	----------	----------	38,765	27,783	15,682	61	44,414
88	Dyeing and cleaning	166	927,055	725,326	238,300	195,025	292,001	201,729	95,928	1,017	514,791
89	Dyeing and finishing textiles	49	4,963,095	2,225,566	366,300	721,700	1,137,566	2,737,529	367,925	2,839	1,481,723
90	Dye stuffs and extracts	15	2,752,195	1,812,153	457,700	448,229	906,224	940,042	69,645	561	368,184
91	Electrical apparatus and supplies	66	8,976,892	3,591,998	433,759	805,770	2,352,459	5,384,894	420,468	4,202	2,505,858
92	Electric light and power	139	30,153,263	17,133,011	1,612,017	1,830,918	13,690,076	13,020,252	720,128	1,753	1,375,861
93	Electroplating	89	260,208	155,275	2,100	8,500	144,675	104,933	41,279	551	351,946
94	Enameled goods	3	118,500	46,000	----------	----------	46,000	72,500	4,046	110	66,165
95	Enameling	12	42,154	18,221	----------	----------	18,221	23,933	10,694	115	66,048
96	Engravers' materials	6	57,820	23,110	1,500	3,500	18,110	34,710	3,774	75	38,824
97	Engraving and diesinking	141	302,991	160,495	9,700	29,800	120,995	142,496	57,768	672	513,342
98	Engraving steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	47	832,035	527,825	----------	----------	527,825	304,210	74,430	776	538,172
99	Engraving, wood	98	73,489	24,625	----------	----------	24,625	48,864	22,770	321	273,117
100	Envelopes	14	408,332	211,850	45,000	30,000	136,850	196,482	84,531	513	263,662
101	Fancy articles, not elsewhere specified	139	990,997	429,584	88,400	99,500	241,684	561,413	113,557	1,625	843,343
102	Felt goods. (See also Woolen goods.)	11	1,371,219	561,187	89,500	236,386	235,301	810,032	86,273	820	361,944
103	Fertilizers. (See also Chemicals.)	31	3,895,779	1,078,212	229,784	531,800	325,628	2,817,567	217,514	800	483,717
104	Files. (See also Cutlery and edge tools.)	29	347,265	170,933	20,800	35,400	114,733	176,332	33,828	390	202,894
105	Firearms	6	756,395	315,900	31,200	99,200	185,500	440,495	47,678	356	192,076
106	Fireworks	4	245,400	115,400	46,000	44,000	25,400	130,000	11,409	208	95,824

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW YORK—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2	$1,300	.....	.....	154	$116,068	.....	.....	.....	.....	1	$832	.....	.....	.....	.....	$105,478	$283,293	52
51	62,534	2	$868	1,740	962,580	49	$16,288	3	$234	169	121,960	.....	.....	.....	.....	2,382,777	3,166,771	53
20	37,576	.....	.....	786	439,963	1	364	.....	.....	106	99,618	.....	.....	.....	.....	793,884	1,558,318	54
32	18,269	4	1,680	58	32,110	1	200	.....	.....	.....	.....	.....	.....	.....	.....	183,066	269,609	55
598	193,309	16	3,481	2,095	569,388	270	49,252	18	1,481	67	18,955	10	$1,650	1	$101	12,362,992	14,385,966	56
526	770,430	32	21,208	4,104	2,191,454	676	194,114	52	8,326	81	50,324	345	101,876	14	2,184	11,781,828	20,648,278	57
15	18,651	1	416	22	14,646	28	8,496	1	156	12	8,840	10	5,200	.....	.....	56,401	147,170	58
33	37,996	1	600	268	179,170	164	51,249	.....	.....	.....	.....	.....	.....	.....	.....	618,200	1,045,000	59
114	114,246	9	3,802	1,223	626,916	176	42,116	12	1,496	147	83,401	75	29,183	.....	.....	537,573	2,122,744	60
13	12,445	.....	.....	14	7,928	5	1,248	.....	.....	1	200	.....	.....	.....	.....	86,933	121,484	61
9	13,448	.....	.....	198	109,929	3	350	3	350	9	7,100	.....	.....	.....	.....	197,661	384,597	62
19	25,320	.....	.....	242	141,028	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,401	275,200	63
12	25,880	.....	.....	29	18,480	40	14,892	.....	.....	1	780	17	6,292	.....	.....	155,600	333,000	64
4,440	3,802,362	79	37,470	5,869	3,704,644	1,521	427,663	74	10,914	6,747	3,972,943	1,548	429,331	24	7,451	13,378,867	32,446,181	65
5,048	5,483,838	251	108,767	12,734	8,274,926	8,367	2,431,753	96	14,142	16076	8,894,166	16748	4,475,394	89	9,815	45,898,538	96,880,957	66
139	94,858	16	8,560	209	96,392	301	81,434	7	968	127	47,425	166	39,959	.....	.....	55,122	543,626	67
325	272,856	4,833	2,570,782	431	274,722	11,324	3,297,217	59	7,228	162	101,568	496	138,635	1	100	5,051,191	14,650,636	68
1,753	2,426,397	177	105,843	5,431	3,484,326	8,629	3,020,648	46	6,974	4,427	2,419,621	6,175	1,876,813	56	13,816	22,063,350	45,087,394	69
396	460,383	8	4,028	772	500,198	127	30,997	10	1,586	62	27,630	269	80,570	.....	.....	28,338,042	31,013,213	70
354	345,695	11	5,554	408	232,924	6	1,332	1	260	27	7,197	1	200	.....	.....	942,168	2,096,981	71
185	221,936	8	4,532	1,030	574,571	183	74,184	4	600	48	29,140	104	43,280	1	200	1,885,520	3,526,030	72
13	23,580	.....	.....	193	135,400	56	18,476	5	1,200	.....	.....	.....	.....	.....	.....	106,448	415,000	73
987	892,616	333	120,616	2,015	1,457,335	2,392	571,917	79	11,946	154	79,574	380	63,913	.....	.....	6,971,074	12,920,812	74
400	402,051	3	1,449	2,473	1,288,609	2	410	2	408	1,133	488,755	185	28,184	.....	.....	2,809,422	6,007,623	75
123	174,432	2	1,152	2,185	906,771	1,528	473,278	64	12,746	36	8,914	296	75,090	50	7,800	7,850,806	10,621,612	76
29	34,584	4	1,600	56	34,832	11	2,960	7	1,312	.....	.....	.....	.....	.....	.....	427,248	653,000	77
58	62,226	.....	.....	275	142,156	138	34,816	45	7,020	17	5,304	.....	.....	.....	.....	363,312	692,465	78
71	117,828	33	23,691	154	108,332	880	316,398	3	1,200	122	40,794	459	129,816	.....	.....	714,180	1,842,118	79
3	2,900	1	1,200	6	3,080	2	520	.....	.....	.....	.....	1	230	.....	.....	80,031	94,245	80
85	115,699	.....	.....	3,123	1,183,653	3,656	962,215	1,025	157,466	123	44,562	378	98,941	11	1,194	6,564,251	9,777,295	81
3	1,007	.....	.....	15	2,084	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,333	7,906	82
141	150,967	2	440	887	523,404	16	3,532	10	1,452	118	49,325	19	3,700	.....	.....	462,106	1,673,313	83
642	693,138	8	4,942	361	210,269	38	14,414	6	546	14	4,414	1	32	.....	.....	368,393	2,101,067	84
36	46,600	1	360	271	176,200	14	4,332	17	1,850	1	1,250	.....	.....	.....	.....	326,860	649,927	85
434	328,848	11	3,561	379	214,262	84	27,480	12	1,063	1	250	.....	.....	.....	.....	619,947	1,761,014	86
9	14,000	.....	.....	51	30,232	.....	.....	1	182	.....	.....	.....	.....	.....	.....	8,846	80,034	87
182	159,774	52	21,445	424	227,575	318	94,646	9	2,422	23	5,383	11	3,546	.....	.....	201,274	1,100,944	88
112	135,661	2	1,812	2,170	1,223,176	400	92,608	136	21,602	4	3,744	15	3,120	.....	.....	1,454,119	3,636,051	89
62	100,492	2	1,404	494	265,977	.....	.....	2	286	1	25	.....	.....	.....	.....	1,381,906	2,019,615	90
300	408,488	12	5,520	2,941	1,719,144	435	123,110	10	2,600	394	214,048	110	32,958	.....	.....	4,025,504	8,189,180	91
180	233,213	6	3,056	1,567	1,139,352	1	240	.....	.....	.....	.....	.....	.....	.....	.....	981,636	4,174,534	92
110	105,321	2	900	380	219,377	13	5,272	5	494	35	20,582	.....	.....	.....	.....	166,574	679,256	93
15	14,760	.....	.....	84	47,385	11	4,020	.....	.....	.....	.....	.....	.....	.....	.....	18,225	105,000	94
14	14,440	.....	.....	101	51,608	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44,430	122,578	95
7	6,547	.....	.....	68	32,277	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,708	73,000	96
190	207,858	2	2,800	409	258,240	13	3,940	2	260	56	40,244	.....	.....	.....	.....	200,670	966,443	97
74	95,094	5	1,820	444	325,010	194	75,136	8	1,612	50	39,200	1	300	.....	.....	339,114	1,348,704	98
108	119,156	1	250	161	117,827	.....	.....	1	62	50	35,832	.....	.....	.....	.....	35,101	405,933	99
56	80,870	3	2,100	115	72,826	306	98,898	.....	.....	24	3,968	9	5,000	.....	.....	572,931	1,064,370	100
208	209,937	61	36,137	691	406,476	460	145,277	17	2,372	40	17,053	146	25,891	2	200	829,864	2,161,042	101
44	58,821	3	1,190	454	206,912	136	38,701	40	6,240	42	25,790	100	24,197	1	93	807,276	1,517,199	102
110	158,711	.....	.....	686	324,390	2	416	2	200	.....	.....	.....	.....	.....	.....	2,138,915	3,498,291	103
39	30,470	.....	.....	191	97,604	1	300	8	1,356	151	73,164	.....	.....	.....	.....	115,260	431,487	104
19	24,180	.....	.....	283	144,425	4	1,170	2	560	46	21,526	2	275	.....	.....	93,160	435,287	105
6	9,200	.....	.....	169	66,167	84	18,967	5	490	.....	.....	4	1,000	.....	.....	72,246	264,200	106

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY NEW YORK—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
107	Flags and banners. (See also Regalia and society banners and emblems.)	17	$308,515	$124,955	$65,400	$35,350	$24,205	$183,560	$12,624	304	$111,643
108	Flavoring extracts	41	362,240	48,506	10,010	9,990	28,506	313,734	37,169	204	126,214
109	Flouring and grist mill products	1,235	21,128,597	12,833,987	2,927,600	4,266,898	5,639,489	8,294,610	1,410,681	4,607	2,430,231
110	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving.)	69	1,503,329	728,586	191,123	266,150	271,313	774,743	267,885	968	473,530
111	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	1,081	68,086,728	32,065,624	6,525,294	8,606,239	16,934,091	36,021,104	4,637,952	42,098	27,162,924
112	Foundry supplies	4	90,265	50,655	12,000	13,000	25,655	39,610	5,107	27	19,533
113	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	159	2,211,715	1,202,636	223,211	588,202	391,163	1,009,079	143,241	6,097	599,023
114	Fur goods. (See also Hats and caps, not including wool hats.)	281	5,620,290	353,127	42,200	144,200	166,727	5,267,163	452,392	4,983	3,113,762
115	Furnishing goods, men's. (See also Shirts.)	215	5,284,529	505,391	58,533	90,200	356,658	4,779,138	1,360,611	12,345	4,212,106
116	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	891	2,649,235	939,017	247,580	319,150	372,287	1,710,218	346,606	3,534	2,236,213
117	Furniture, chairs	74	2,263,827	850,977	186,450	317,900	346,627	1,412,850	208,509	2,221	1,015,658
118	Furniture, factory product	341	11,153,469	3,681,367	951,739	1,161,782	1,567,846	7,472,102	1,113,717	12,025	7,885,309
119	Furs, dressed	17	200,456	101,875	24,450	30,000	47,425	98,581	11,466	375	253,354
120	Galvanizing	6	199,450	83,300	29,300	15,700	38,300	116,150	16,336	209	128,378
121	Gas and lamp fixtures. (See also Lamps and reflectors.)	49	4,375,702	1,699,667	284,000	565,000	850,667	2,676,035	512,741	3,249	2,200,151
122	Gas, illuminating and heating	94	77,899,876	67,117,519	13,126,410	9,768,878	44,222,231	10,782,357	2,521,614	4,239	3,486,509
123	Glass	30	2,207,699	1,243,700	261,800	724,000	257,900	1,053,999	167,900	3,285	1,481,039
124	Glass, cutting, staining, and ornamenting.	105	957,369	272,431	49,466	37,350	185,615	684,938	112,624	1,499	1,099,347
125	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	212	4,143,592	611,041	111,255	237,775	262,011	3,532,461	253,785	6,507	2,275,620
126	Glue	14	1,481,212	449,675	69,475	211,000	169,200	1,031,537	145,540	423	242,379
127	Gold and silver, loaf and foil	42	327,165	141,276	17,850	35,550	87,876	185,889	18,214	695	428,117
128	Gold and silver, reducing and refining, not from the ore.	10	231,050	43,800	6,000	11,000	26,800	187,250	13,920	51	56,229
129	Grease and tallow. (See also Axle grease; Soap and candles.)	32	522,108	301,625	116,370	101,350	83,905	220,483	36,946	189	126,301
130	Gunpowder. (See also Ammunition; High explosives.)	6	593,228	393,842	26,875	185,000	181,967	199,386	40,486	133	71,466
131	Hairwork	129	432,242	91,522	39,800	24,200	27,522	340,720	79,013	679	285,674
132	Hand knit goods	9	36,260	22,400	9,400	6,700	6,300	13,860	1,515	49	19,670
133	Hand stamps	43	230,240	149,475	26,500	11,500	111,475	80,765	20,114	235	154,026
134	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	77	3,031,245	1,379,938	203,073	313,073	863,792	1,651,307	244,514	2,833	1,501,073
135	Hardware, saddlery	16	547,471	279,347	67,000	93,797	118,550	268,124	34,406	501	224,771
136	Hat and cap materials	29	479,457	133,961	15,000	16,000	102,961	345,496	60,892	720	344,678
137	Hats and caps, not including wool hats. (See also Fur goods; Straw goods, not elsewhere specified.)	283	3,449,054	954,842	202,700	220,350	631,792	2,494,212	381,191	7,090	4,187,672
138	Hay and straw, baling	12	111,683	89,675	16,300	60,400	12,975	22,008	10,981	71	26,770
139	High explosives. (See also Ammunition; Gunpowder.)	3	91,083	35,750		10,000	25,750	55,333	4,600	38	27,402
140	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	201	19,608,331	9,859,889	865,177	2,398,628	6,596,084	9,748,442	1,389,427	20,299	6,437,308
141	House furnishing goods, not elsewhere specified.	39	3,050,583	1,340,594	149,950	554,241	636,403	1,709,989	87,981	1,595	867,443
142	Ink, printing	13	625,012	140,250	30,000	20,000	90,250	484,762	48,047	142	143,078
143	Ink, writing	12	336,547	148,495	60,400	68,500	29,595	188,052	21,657	170	116,738
144	Instruments, professional and scientific	94	1,187,478	467,144	74,800	67,117	325,227	720,334	86,407	1,011	733,584
145	Iron and steel	43	15,847,835	8,025,579	1,220,694	2,036,342	4,768,543	7,822,256	873,941	6,990	3,571,804
146	Iron and steel, bolts, nuts, washers, and rivets.	15	1,660,245	956,474	216,200	197,900	642,374	703,771	94,294	992	523,316
147	Iron and steel, forgings	18	1,194,635	864,275	211,688	168,662	483,925	330,360	66,754	692	470,198
148	Iron and steel, nails and spikes, cut and wrought, including wire nails.	8	661,000	348,403	41,000	105,000	202,403	312,597	46,529	357	172,821
149	Iron and steel, pipe, wrought	4	672,012	188,200	51,500	85,700	51,000	483,812	85,272	508	202,759
150	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	155	3,739,291	1,974,489	718,000	517,173	739,316	1,764,802	322,298	4,346	2,089,173
151	Ivory and bone work	23	858,525	456,876	100,000	275,000	81,876	401,649	35,501	427	268,926

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW YORK—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
27	$33,220	.....	.....	86	$35,467	75	$28,520	6	$936	30	$7,600	80	$5,900	.....	.....	$147,776	$345,625	107
69	64,153	3	$976	96	52,475	28	7,379	1	130	1	60	4	1,041	.....	.....	286,988	590,127	108
1,203	623,093	15	7,970	3,274	1,559,673	28	7,604	6	1,020	81	30,871	.....	.....	.....	.....	44,890,115	52,550,744	109
170	163,645	7	2,223	445	221,835	286	64,792	10	1,892	16	9,293	30	8,650	4	$1,200	2,240,501	4,322,340	110
2,884	3,878,466	81	38,912	33,796	20,436,299	88	21,811	161	32,330	4,933	2,714,734	21	7,810	134	32,862	27,273,952	72,084,500	111
6	8,300	.....	.....	21	11,233	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,244	79,337	112
147	78,095	14	4,285	1,886	253,587	1,602	139,860	169	5,227	577	53,915	1,376	61,206	126	2,848	1,747,798	2,918,671	113
603	772,116	38	19,332	1,864	1,291,641	1,864	673,575	7	1,008	328	254,969	279	101,104	.....	.....	6,897,292	12,434,272	114
642	851,519	32	10,715	961	632,908	2,595	943,197	38	5,852	459	199,138	7,378	1,563,777	40	5,000	6,788,652	14,379,970	115
941	766,144	8	4,790	2,027	1,252,183	200	75,541	17	2,809	222	103,242	119	31,504	.....	.....	2,356,661	5,907,617	116
154	156,361	4	1,600	1,624	711,732	56	14,650	72	10,732	209	111,866	59	6,715	43	2,002	1,438,984	3,278,257	117
853	1,122,374	24	15,214	9,639	6,032,032	384	149,436	154	25,825	955	536,778	11	2,900	5	750	8,065,813	20,260,754	118
29	41,168	.....	.....	179	103,221	3	700	.....	.....	163	106,119	1	156	.....	.....	159,205	548,280	119
25	30,498	.....	.....	181	97,210	2	520	1	130	.....	.....	.....	.....	.....	.....	278,081	516,704	120
286	445,663	9	5,620	2,742	1,657,319	136	43,562	8	1,600	68	46,397	.....	.....	.....	.....	1,134,376	4,498,328	121
265	422,958	4	910	3,950	3,059,931	.....	.....	13	1,810	1	150	.....	.....	6	750	4,944,042	18,716,683	122
54	60,821	2	592	2,179	1,953,740	62	11,880	481	74,206	417	265,867	30	5,145	69	11,788	825,498	2,723,019	123
198	258,420	6	4,136	1,196	794,913	51	19,428	3	390	44	21,860	1	200	.....	.....	902,612	2,693,869	124
294	274,451	5	2,432	1,372	728,271	539	184,636	12	1,494	989	432,082	3,285	660,949	11	1,305	3,724,094	7,369,730	125
50	65,486	1	676	329	158,501	.....	.....	2	116	41	17,600	.....	.....	.....	.....	834,583	1,369,309	126
43	56,598	5	4,368	318	240,759	234	86,298	13	1,916	39	23,708	43	14,470	.....	.....	587,171	1,174,187	127
23	33,620	.....	.....	27	22,384	.....	.....	.....	.....	.....	.....	1	225	.....	.....	1,383,197	1,507,800	128
47	43,478	.....	.....	142	82,823	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	787,139	1,054,044	129
4	182	.....	.....	129	71,284	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	253,494	603,794	130
93	84,495	72	41,867	96	53,012	232	84,056	3	308	56	14,366	27	6,670	.....	.....	330,627	856,627	131
9	7,088	1	200	6	1,962	23	5,820	.....	.....	10	4,600	.....	.....	.....	.....	31,491	67,510	132
59	53,962	7	3,796	143	85,308	9	1,804	7	1,156	10	8,000	.....	.....	.....	.....	84,135	333,923	133
229	262,435	9	4,400	1,826	910,855	104	24,180	82	13,669	563	282,538	4	1,003	16	1,993	1,236,919	3,655,861	134
40	47,344	1	450	155	87,197	1	450	.....	.....	277	82,850	27	6,480	.....	.....	179,484	531,886	135
51	77,630	4	2,040	306	149,560	269	70,740	5	800	66	33,300	30	10,608	.....	.....	1,048,846	1,646,709	136
507	645,708	7	4,060	1,939	1,279,535	867	289,099	28	4,991	2,334	1,435,349	1,304	496,930	104	32,000	5,122,014	11,495,969	137
8	5,153	.....	.....	63	21,617	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	132,622	192,517	138
3	4,538	.....	.....	28	17,100	.....	.....	2	546	5	5,218	.....	.....	.....	.....	120,274	167,500	139
449	501,865	22	9,874	5,349	2,074,336	4,682	1,221,087	684	97,183	1,064	394,202	7,908	2,114,677	141	24,084	13,669,169	24,776,562	140
76	103,933	1	624	829	469,154	439	137,960	.....	.....	241	152,956	9	3,716	.....	.....	1,706,956	2,954,455	141
39	72,076	.....	.....	101	69,902	2	1,100	.....	.....	.....	.....	.....	.....	.....	.....	298,105	612,500	142
34	43,792	3	1,632	75	48,981	38	11,413	2	312	14	9,152	4	1,456	.....	.....	227,912	430,536	143
170	199,578	8	2,967	957	419,858	49	20,598	8	1,480	107	85,843	12	3,350	.....	.....	301,469	1,458,968	144
181	290,283	3	1,560	6,740	3,266,492	.....	.....	66	13,469	.....	.....	.....	.....	.....	.....	10,338,002	15,699,537	145
42	71,728	4	1,758	799	391,928	28	10,624	3	900	84	35,748	17	6,630	15	4,000	1,029,626	1,918,613	146
49	65,804	1	208	605	372,486	7	1,700	.....	.....	30	30,000	.....	.....	.....	.....	663,478	1,430,918	147
25	25,880	.....	.....	193	104,304	47	8,966	.....	.....	61	26,883	31	4,788	.....	.....	444,790	773,306	148
19	22,300	1	450	476	175,295	.....	.....	8	1,716	4	2,998	.....	.....	.....	.....	1,121,159	1,584,200	149
326	397,178	2	400	4,008	2,389,065	1	468	6	1,162	3	900	.....	.....	.....	.....	4,147,313	8,386,281	150
29	83,733	.....	.....	360	220,993	35	12,952	.....	.....	.....	.....	3	1,248	.....	.....	300,620	660,588	151

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW YORK—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
152	Japanning	10	$38,110	$16,000	$1,600	$3,000	$11,400	$22,110	$6,082	68	$42,792
153	Jewelry. (See also Watch, clock, and jewelry repairing.)	195	3,461,294	616,080	39,900	25,600	550,580	2,845,214	246,216	2,420	1,929,929
154	Jewelry and instrument cases	45	443,474	84,976	1,000	14,000	69,976	358,498	46,085	689	401,098
155	Kaolin and other earth grinding	15	911,503	636,000	254,500	93,300	288,800	274,903	55,318	306	201,777
156	Kindling wood	52	686,641	462,020	161,400	92,050	208,570	224,621	77,441	823	418,821
157	Labels and tags	19	188,860	127,650	25,000	15,000	87,650	61,210	26,979	233	150,650
158	Lamps and reflectors. (See also Gas and lamp fixtures.)	43	1,275,071	553,161	22,200	48,400	482,561	722,510	120,875	1,442	851,382
159	Lapidary work	15	77,905	19,500	----------	----------	19,500	58,405	8,998	90	74,092
160	Lard, refined. (See also Slaughtering.)	3	755,745	106,000	10,000	30,000	66,000	649,745	162,314	210	148,928
161	Lasts	12	201,033	91,300	20,500	21,300	49,500	109,733	15,222	223	150,185
162	Lead, bar, pipe, and sheet	8	1,392,841	589,000	260,000	138,000	191,000	803,841	75,018	227	173,649
163	Leather, dressed skins	18	70,456	52,500	6,775	27,725	18,000	17,956	3,827	102	56,833
164	Leather goods. (See also Pocketbooks; Trunks and valises.)	70	1,410,250	391,759	92,400	102,500	196,859	1,018,491	53,843	1,399	728,234
165	Leather, morocco	10	1,349,344	375,669	88,500	126,221	160,948	973,675	68,480	820	457,923
166	Leather, tanned and curried	200	13,204,247	3,338,880	1,004,335	1,359,688	974,857	9,865,367	734,084	5,756	2,864,665
167	Lime and cement	94	4,712,864	3,386,136	1,784,661	680,000	921,475	1,326,728	366,620	2,470	1,117,600
168	Liquors, distilled	0	195,793	113,550	2,350	59,800	51,400	82,243	261,257	56	26,546
169	Liquors, malt. (See also Bottling.)	232	67,759,552	43,054,400	10,717,991	17,552,194	14,784,215	24,705,152	16,445,206	8,285	8,035,187
170	Liquors, vinous. (See also Liquors, distilled.)	11	264,141	116,553	16,750	67,800	32,003	147,583	23,705	44	21,590
171	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	94	6,675,542	3,798,330	88,000	324,477	3,385,853	2,877,212	462,130	4,459	3,321,182
172	Lock and gun smithing	291	412,726	216,507	49,200	37,600	129,707	196,219	77,367	703	450,547
173	Looking-glass and picture frames	321	2,186,023	497,139	120,400	142,900	233,839	1,688,884	319,760	2,532	1,609,081
174	Lumber and other mill products from logs or bolts.	1,664	20,734,448	12,375,401	5,399,398	2,357,215	4,618,788	8,359,047	980,523	13,164	3,598,607
175	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	540	24,078,662	10,300,032	3,031,304	2,839,079	4,429,649	13,778,630	1,343,493	15,221	8,952,316
176	Malt. (See also Liquors, malt.)	82	10,470,175	4,200,015	1,232,195	2,363,505	544,315	6,270,160	585,377	1,687	825,695
177	Mantels, slate, marble, and marbleized	24	651,197	314,960	158,500	125,000	31,460	316,237	27,076	445	338,772
178	Marble and stone work. (See also Monuments and tombstones.)	222	6,347,711	2,409,240	917,665	256,415	1,235,160	3,938,471	480,160	5,859	5,296,793
179	Masonry, brick and stone. (See also Plastering and stuccowork.)	708	7,738,713	2,026,519	696,265	570,306	765,948	5,712,194	556,392	16,342	11,165,020
180	Matches	3	46,250	32,500	4,500	9,500	18,500	13,750	3,555	76	15,579
181	Mats and matting	10	300,500	124,200	18,000	18,000	88,200	176,300	18,977	292	164,606
182	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	108	1,286,967	299,108	62,190	78,104	158,814	987,859	150,282	1,353	787,310
183	Millinery and lace goods. (See also Artificial feathers and flowers.)	165	3,845,161	831,296	37,400	42,500	751,396	3,013,865	513,469	6,509	3,440,338
184	Millinery, custom work	930	3,187,140	649,991	271,028	277,997	100,966	2,537,149	524,388	4,414	1,837,805
185	Mineral and soda waters. (See also Bottling.)	291	2,864,589	2,324,417	603,950	425,324	1,395,143	540,172	417,696	2,108	1,281,192
186	Mirrors	26	1,231,100	130,850	----------	----------	130,850	1,100,250	129,196	976	691,205
187	Models and patterns	92	379,819	195,541	41,810	38,126	115,605	184,278	38,643	449	346,167
188	Monuments and tombstones. (See also Marble and stone work.)	254	2,812,524	804,363	356,819	257,275	190,269	2,008,161	124,348	1,650	1,252,936
189	Mucilage and paste	9	57,923	25,817	1,000	1,500	23,317	32,106	5,830	62	47,917
190	Musical instruments and materials, not specified.	81	277,821	117,285	14,800	29,650	73,035	160,536	38,845	405	246,570
191	Musical instruments, organs and materials.	23	549,473	203,209	82,800	75,037	45,372	346,264	27,212	366	271,601
192	Musical instruments, pianos and materials.	107	10,264,162	2,769,975	973,000	971,600	825,375	7,494,187	919,212	6,820	5,150,213
193	Needles and pins	5	25,146	9,700	----------	----------	9,700	15,446	1,797	41	17,365
194	Nets and seines	3	121,825	55,125	----------	----------	55,125	66,700	2,121	57	16,401
195	Oil, cottonseed and cake	3	83,800	40,000	----------	----------	40,000	43,800	9,090	57	41,540
196	Oil, essential	7	54,930	41,855	8,180	6,825	26,850	13,075	31,898	33	13,035
197	Oil, linseed	7	4,449,070	1,113,351	275,000	319,458	518,893	3,335,719	627,825	750	469,508
198	Oil, lubricating	32	429,734	93,705	35,100	16,950	41,655	336,029	51,802	217	193,594
199	Oil, resin	4	142,950	51,500	20,000	18,000	13,500	91,450	7,790	61	47,360
200	Oilcloth, floor	7	1,236,381	516,900	105,350	247,150	164,400	719,481	63,665	422	241,548
201	Optical goods	49	744,268	270,805	----------	5,000	265,805	473,463	61,297	693	335,382

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW YORK—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
11	$13,764	.....	.....	57	$29,028	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$36,286	$104,200	152
410	543,868	16	$5,820	1,646	1,123,148	182	$67,266	4	$988	160	$187,839	2	$1,000	.....	.....	3,489,132	7,385,139	153
89	98,449	.....	.....	402	251,733	157	33,490	6	850	23	14,780	12	1,796	.....	.....	309,907	958,657	154
34	47,339	2	832	247	138,221	.....	.....	.....	.....	23	15,385	.....	.....	.....	.....	389,094	891,114	155
81	83,817	3	3,310	503	246,816	1	416	4	612	205	76,170	12	2,700	14	$4,980	799,839	1,439,710	156
31	44,740	2	1,248	133	82,568	67	22,094	.....	.....	.....	.....	.....	.....	.....	.....	121,026	333,800	157
105	173,151	6	2,612	1,156	634,918	30	5,150	41	7,675	104	27,876	.....	.....	.....	.....	849,335	2,494,572	158
18	24,800	.....	.....	66	45,786	.....	.....	1	156	5	3,350	.....	.....	.....	.....	107,125	262,950	159
40	46,916	1	780	160	101,232	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,990,155	6,615,452	160
19	25,778	1	250	146	78,068	.....	.....	.....	.....	57	46,089	.....	.....	.....	.....	78,235	284,623	161
46	53,172	1	520	177	118,657	.....	.....	.....	.....	1	575	2	725	.....	.....	1,953,067	2,449,719	162
22	13,491	.....	.....	70	39,342	.....	.....	.....	.....	10	4,000	.....	.....	.....	.....	26,219	106,775	163
149	186,515	6	3,468	716	374,037	448	120,716	2	350	69	42,386	8	662	1	100	1,559,433	2,892,461	164
59	63,865	.....	.....	712	369,345	23	8,845	9	2,200	17	13,668	.....	.....	.....	.....	2,000,792	2,734,041	165
313	342,593	4	1,965	4,990	2,289,704	14	5,401	14	3,041	417	221,227	4	734	.....	.....	14,318,529	20,614,037	166
86	87,659	2	1,700	2,153	914,957	.....	.....	18	3,767	211	109,517	.....	.....	.....	.....	1,281,880	3,556,257	167
8	4,473	.....	.....	48	22,073	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118,750	422,824	168
1,278	2,506,206	6	3,792	6,978	5,519,453	4	1,740	10	1,820	6	1,776	.....	.....	3	400	18,776,129	53,429,685	169
9	6,450	.....	.....	33	14,940	.....	.....	.....	.....	.....	.....	2	200	.....	.....	71,651	156,740	170
345	512,442	20	9,106	3,391	2,562,693	478	132,589	138	26,679	64	68,425	23	9,248	.....	.....	3,012,751	8,333,764	171
312	233,502	7	3,771	356	202,275	1	600	10	1,653	17	8,746	.....	.....	.....	.....	283,696	954,896	172
463	460,349	18	7,689	1,812	1,049,625	127	36,691	36	5,415	68	47,872	6	1,200	2	240	2,142,756	4,830,035	173
1,541	579,047	6	2,015	10,646	2,830,804	75	10,611	108	14,178	542	139,039	135	12,348	111	10,565	8,716,806	16,457,811	174
1,015	1,130,264	27	11,315	13,650	7,607,209	14	2,681	225	32,590	264	160,785	23	6,845	3	627	19,695,551	33,765,173	175
138	210,602	.....	.....	1,506	597,449	.....	.....	.....	.....	43	18,244	.....	.....	.....	.....	7,212,985	9,865,738	176
48	81,498	.....	.....	379	242,342	.....	.....	.....	.....	18	14,932	.....	.....	.....	.....	407,542	898,551	177
376	536,466	4	1,739	5,139	4,623,750	6	2,866	1	250	296	122,102	37	9,620	.....	.....	4,941,661	12,324,009	178
876	1,064,561	3	1,116	15,222	9,975,614	4	2,496	104	50,612	133	70,621	.....	.....	.....	.....	11,904,691	26,579,854	179
3	1,636	1	650	29	8,918	27	3,340	.....	.....	.....	.....	9	645	7	390	11,992	37,240	180
16	22,150	.....	.....	183	98,218	5	1,500	3	750	73	38,388	12	3,600	.....	.....	257,040	489,047	181
161	189,499	8	5,208	768	441,060	177	57,204	33	5,223	150	68,420	55	20,496	1	200	1,792,651	3,168,242	182
414	647,575	57	38,674	887	595,469	3,195	1,242,720	17	4,640	316	221,298	1,623	689,962	.....	.....	4,671,761	10,803,361	183
230	194,998	1,017	567,369	84	31,460	2,013	998,815	38	4,756	15	4,877	108	35,380	3	150	3,502,909	7,022,978	184
384	374,490	13	8,760	1,648	882,654	26	6,130	9	1,242	26	7,466	2	450	.....	.....	1,353,267	4,226,560	185
78	133,704	.....	.....	872	533,601	.....	.....	.....	.....	26	23,810	.....	.....	.....	.....	2,775,390	4,965,300	186
97	111,857	1	500	320	222,902	26	8,670	3	574	2	1,664	.....	.....	.....	.....	113,136	636,028	187
291	291,063	4	2,068	1,305	930,344	.....	.....	2	486	48	28,975	.....	.....	.....	.....	1,288,360	3,300,951	188
10	23,597	1	432	43	23,632	1	156	.....	.....	1	100	.....	.....	.....	.....	35,328	108,165	189
94	82,855	2	572	248	138,152	31	9,000	3	760	19	11,731	8	3,500	.....	.....	196,802	588,834	190
45	50,714	.....	.....	321	220,887	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	257,201	670,017	191
306	507,984	2	1,200	4,985	3,408,257	10	5,200	15	2,602	1,490	1,223,878	3	1,092	.....	.....	5,706,193	14,455,068	192
4	2,760	.....	.....	31	12,865	.....	.....	.....	.....	2	1,440	4	300	.....	.....	8,515	33,710	193
2	500	.....	.....	4	2,713	3	900	.....	.....	2	300	46	11,988	.....	.....	148,075	169,037	194
15	17,040	.....	.....	42	24,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	473,675	547,900	195
5	3,605	.....	.....	28	9,430	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	91,980	159,163	196
39	79,752	1	520	691	367,452	.....	.....	.....	.....	28	21,874	.....	.....	.....	.....	6,266,129	7,496,266	197
106	126,848	2	1,550	104	63,982	4	614	.....	.....	1	600	.....	.....	.....	.....	690,191	1,190,329	198
15	17,420	.....	.....	46	29,940	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	388,200	494,500	199
17	33,300	.....	.....	361	187,393	.....	.....	4	900	40	19,955	.....	.....	.....	.....	772,130	1,189,243	200
87	91,806	3	1,012	445	211,324	66	14,668	44	5,876	22	5,378	.....	.....	26	4,718	211,986	727,187	201

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW YORK—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
202	Painting and paper hanging	1,996	$5,427,736	$1,950,088	$573,813	$622,056	$754,219	$3,477,648	$715,894	12,611	$9,664,457
203	Paints. (See also Chemicals; Varnish.)	70	7,534,668	3,991,026	1,380,450	1,650,302	960,274	3,543,642	767,808	2,163	1,428,233
204	Paper. (See also Pulp, wood.)	128	15,636,411	11,337,126	1,915,400	3,765,880	5,655,846	4,299,285	1,311,417	5,020	2,286,407
205	Paper goods, not elsewhere specified	16	1,319,648	678,850	81,000	218,500	379,350	640,798	101,465	807	355,941
206	Paper hangings	15	3,981,343	1,304,610	210,500	301,584	792,526	2,676,733	524,634	2,061	1,089,851
207	Paper patterns	8	128,860	10,555			10,555	118,305	49,247	410	131,697
208	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	227	4,565,538	1,547,177	494,925	630,650	421,602	3,018,361	2,003,686	2,006	1,149,514
209	Paving and paving materials	74	2,257,484	758,818	174,768	99,019	485,031	1,498,666	252,437	3,598	1,585,382
210	Pens, fountain and stylographic	3	22,080	11,900	1,500	1,000	9,400	10,180	2,767	50	39,202
211	Pens, gold	12	386,885	115,100			115,100	271,785	76,496	245	192,065
212	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	61	1,224,765	244,817	24,700	69,000	151,117	979,948	182,129	795	429,558
213	Petroleum, refining	9	24,166,205	10,153,412	2,395,743	1,607,786	6,149,883	14,012,793	576,161	3,490	2,015,544
214	Photographic apparatus	14	179,970	66,350	100	400	65,850	113,620	14,540	364	201,092
215	Photographic materials	11	315,621	125,000	15,500	32,000	77,500	190,621	29,778	237	149,052
216	Photography	484	1,414,713	829,888	73,785	65,750	690,353	584,825	295,372	1,945	1,325,982
217	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	21	464,560	273,850			273,850	190,710	49,065	564	432,678
218	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	71	806,618	429,425	138,650	171,900	118,875	377,193	76,151	445	266,918
219	Pipes, tobacco	31	1,108,123	361,050	7,000	27,000	327,050	747,073	77,712	771	473,954
220	Plastering and stuccowork. (See also Masonry, brick and stone.)	161	255,758	103,353	23,975	23,450	55,928	152,405	47,490	823	643,250
221	Plated and britannia ware. (See also Silverware.)	12	580,925	227,900	18,000	43,000	166,900	353,025	38,740	635	342,018
222	Plumbers' supplies. (See also Brass castings and brass finishing.)	40	2,973,109	1,123,318	294,700	291,018	537,600	1,849,791	179,095	1,460	961,849
223	Plumbing and gas fitting	1,454	6,952,639	1,987,635	661,613	573,630	752,392	4,965,004	607,422	11,136	8,094,699
224	Pocketbooks. (See also Leather goods.)	38	543,626	69,315	26,666	13,334	29,315	474,311	37,520	641	371,515
225	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	953	17,541,631	10,398,103	835,970	698,100	8,864,033	7,143,528	2,413,066	15,374	10,457,773
226	Printing and publishing, music. (See also Bookbinding and blank-book making.)	14	311,430	105,600			105,600	205,830	52,448	190	136,748
227	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	1,263	29,716,028	18,123,764	4,061,676	3,335,248	10,726,840	11,592,264	11,281,603	18,086	14,933,132
228	Printing materials	17	342,368	135,833	5,400	11,853	118,580	206,535	46,183	199	132,500
229	Printing, tin	16	109,635	80,500			80,500	29,135	16,552	224	124,942
230	Pulp goods	4	140,826	101,500	22,500	30,000	49,000	39,326	6,722	112	52,103
231	Pulp, wood	25	1,487,948	1,184,491	163,500	349,500	671,491	303,457	105,649	567	251,561
232	Pumps, not including steam pumps	44	195,931	91,775	18,790	28,926	44,059	104,156	23,204	161	106,119
233	Refrigerators	22	1,167,308	424,798	102,500	179,704	142,594	742,510	115,071	875	487,664
234	Regalia and society banners and emblems. (See also Flags and banners.)	49	201,798	55,281	3,559	4,016	47,706	146,517	29,597	257	150,797
235	Rice, cleaning and polishing	3	149,803	62,803			62,803	87,000	12,285	41	33,848
236	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	343	3,541,680	1,647,325	362,634	415,680	869,011	1,894,355	243,122	2,956	2,196,401
237	Rubber and elastic goods	20	751,195	287,020	4,500	44,000	238,520	464,175	35,228	920	484,624
238	Rules, ivory and wood	3	10,050	5,100	500	500	4,100	4,950	1,569	27	18,330
239	Saddlery and harness	953	3,282,689	1,054,655	359,462	439,090	256,103	2,228,034	287,687	3,214	1,849,162
240	Safes and vaults	7	633,660	170,060	1,500	22,260	146,300	463,600	46,088	607	420,349
241	Salt	50	7,171,126	6,599,090	3,327,184	1,808,580	1,463,326	572,036	228,252	1,245	544,326
242	Sausage. (See also Slaughtering.)	62	225,764	166,656	58,100	44,400	64,156	69,108	28,350	208	116,351
243	Saws	15	624,550	333,150	72,400	64,700	196,050	291,400	26,403	356	240,623
244	Scales and balances	20	688,105	345,675	99,000	124,125	122,550	342,430	21,794	476	262,500
245	Sewing machine repairing	53	80,173	28,220	8,000	4,200	16,020	51,953	19,919	117	75,582
246	Sewing machines and attachments	16	495,413	270,207	38,500	58,849	172,858	225,206	35,605	237	156,600
247	Shipbuilding	217	16,481,649	14,545,339	7,594,833	3,210,840	3,739,666	1,936,310	166,442	5,529	3,810,394
248	Shirts. (See also Furnishing goods, men's.)	377	7,794,695	1,412,327	209,000	304,003	839,324	6,382,368	1,243,222	18,678	6,016,808
249	Shoddy	12	482,520	230,261	48,800	92,461	98,000	243,259	11,640	192	77,361
250	Show cases	17	184,211	58,050	9,000	6,000	43,050	126,161	26,741	325	175,688
251	Silk and silk goods	185	11,165,918	4,989,000	544,002	832,240	3,612,758	6,176,918	1,123,671	13,151	5,584,399

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW YORK—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2,336	$2,273,617	24	$12,560	9,737	$7,116,797	77	$21,590	49	$9,669	383	$229,270	3	$746	2	$308	$5,177,082	$17,896,172	202
331	482,574	22	8,157	1,479	818,741	148	43,810	7	1,264	121	60,227	55	13,460	.....	.....	6,395,947	9,801,124	203
207	265,300	6	2,780	4,301	1,903,286	426	96,994	42	5,534	30	10,837	8	1,676	.....	.....	7,629,039	13,195,452	204
38	73,640	2	936	454	216,218	200	43,781	56	7,575	11	4,085	32	7,522	14	2,184	1,128,832	1,773,965	205
157	223,211	7	3,580	1,398	759,555	225	54,815	191	28,590	78	18,000	3	1,800	2	300	2,318,469	5,265,236	206
18	28,820	1	750	38	32,066	351	69,515	1	156	1	390	.....	.....	.....	.....	77,150	323,900	207
462	501,576	77	32,269	668	385,367	606	182,952	19	5,176	100	28,133	74	14,041	.....	.....	2,202,079	8,032,938	208
154	187,651	3	1,700	3,410	1,386,875	.....	.....	3	436	28	8,720	.....	.....	.....	.....	1,539,395	4,338,345	209
12	14,230	.....	.....	37	24,072	.....	.....	.....	.....	1	900	.....	.....	.....	.....	32,470	105,700	210
39	54,100	2	624	179	120,513	10	3,620	1	104	14	13,104	.....	.....	.....	.....	165,044	515,254	211
160	199,879	23	15,205	201	107,772	390	97,582	.....	.....	4	2,404	17	6,656	.....	.....	1,099,807	2,194,657	212
367	378,240	27	11,239	2,661	1,477,187	.....	.....	88	15,755	339	131,499	.....	.....	8	1,624	20,979,247	25,736,841	213
26	27,200	1	624	302	169,568	25	2,500	10	1,200	.....	.....	.....	.....	.....	.....	115,226	396,159	214
30	30,460	5	1,800	142	103,602	58	12,630	.....	.....	.....	.....	2	560	.....	.....	188,630	450,200	215
572	572,734	53	29,964	932	583,661	291	105,984	14	2,185	64	26,805	19	4,649	.....	.....	697,627	2,963,771	216
83	94,948	2	1,100	394	295,120	14	5,050	1	100	70	36,360	.....	.....	.....	.....	177,539	851,850	217
102	106,669	2	1,450	274	146,959	65	17,456	.....	.....	2	384	.....	.....	.....	.....	551,261	1,220,901	218
94	125,500	7	3,640	468	256,278	54	18,786	.....	.....	131	60,792	13	2,438	4	520	354,380	1,195,535	219
200	189,521	3	1,190	565	426,521	5	1,572	1	208	49	24,238	.....	.....	.....	.....	235,912	1,066,404	220
20	25,301	5	1,937	412	263,690	96	24,510	17	1,625	53	18,358	22	5,448	10	1,149	327,780	864,150	221
128	185,689	4	1,830	1,167	686,424	1	375	14	2,653	146	84,878	.....	.....	.....	.....	2,084,404	3,949,047	222
1,869	2,022,897	16	5,234	9,065	6,027,137	3	1,156	92	15,809	91	22,496	.....	.....	.....	.....	9,037,469	20,570,361	223
81	112,364	1	208	282	140,746	97	28,026	15	2,340	127	78,388	29	7,768	9	1,605	570,076	1,244,292	224
2,011	2,489,942	188	91,175	10,306	6,591,079	1,472	490,091	98	17,198	1,075	687,444	224	90,844	.....	.....	6,692,084	24,191,080	225
52	65,350	4	2,100	110	59,828	18	7,182	4	728	2	1,560	.....	.....	.....	.....	55,949	344,850	226
3,294	3,633,807	514	236,218	10,081	8,757,948	1,007	351,794	640	66,564	2,243	1,765,463	304	120,898	3	440	9,650,150	44,393,071	227
40	42,338	3	1,560	151	86,418	.....	.....	3	624	2	1,560	.....	.....	.....	.....	245,180	505,845	228
24	32,270	1	500	156	79,114	39	11,944	3	624	1	520	.....	.....	.....	.....	45,686	227,100	229
12	12,600	.....	.....	85	34,883	6	1,121	.....	.....	9	3,499	.....	.....	.....	.....	29,140	98,495	230
35	35,141	.....	.....	522	212,789	.....	.....	.....	.....	10	3,631	.....	.....	.....	.....	431,999	996,788	231
53	40,499	.....	.....	106	64,920	1	200	.....	.....	1	500	.....	.....	.....	.....	76,633	258,743	232
54	74,521	1	500	388	240,402	23	4,600	68	10,672	300	150,403	11	2,172	30	4,394	502,071	1,301,091	233
65	63,855	7	2,822	82	53,282	74	24,540	.....	.....	.....	.....	28	6,238	1	60	176,152	434,529	234
6	13,300	.....	.....	35	20,548	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,145,110	1,253,918	235
440	479,701	6	4,436	2,442	1,693,328	21	3,848	4	565	43	14,523	.....	.....	.....	.....	2,919,420	6,693,369	236
68	105,164	4	3,300	402	202,964	261	95,884	.....	.....	12	5,600	173	71,712	.....	.....	636,225	1,384,820	237
8	6,850	.....	.....	19	11,480	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,422	27,932	238
925	661,648	16	7,740	1,717	928,600	89	31,126	28	4,076	363	194,230	66	20,734	10	1,548	1,972,152	4,888,093	239
27	35,617	.....	.....	680	384,732	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	279,798	767,815	240
41	49,867	2	675	1,099	459,761	25	7,910	9	1,734	22	10,901	47	13,778	.....	.....	443,602	1,563,228	241
58	42,137	5	1,920	143	71,694	2	600	.....	.....	.....	.....	.....	.....	.....	.....	355,104	612,382	242
25	29,686	2	790	326	207,983	.....	.....	.....	.....	3	2,164	.....	.....	.....	.....	137,370	519,931	243
42	45,449	.....	.....	409	201,728	.....	.....	7	1,322	18	14,004	.....	.....	.....	.....	221,515	775,782	244
52	96,976	3	1,560	51	33,382	10	3,534	1	130	.....	.....	.....	.....	.....	.....	27,092	138,731	245
34	39,641	.....	.....	127	92,889	3	572	.....	.....	73	23,498	.....	.....	.....	.....	92,058	371,387	246
232	275,023	3	3,162	5,202	3,459,100	.....	.....	1	100	89	72,099	2	250	.....	.....	2,499,835	7,581,570	247
685	795,127	45	27,795	1,254	760,379	3,065	883,543	52	7,313	1,554	633,523	11966	2,901,967	57	7,161	7,349,370	17,483,958	248
19	17,300	.....	.....	132	52,749	17	2,942	1	40	8	1,905	10	1,825	5	600	343,012	471,478	249
32	28,822	.....	.....	257	135,907	1	312	26	5,947	9	4,700	.....	.....	.....	.....	241,744	522,809	250
401	579,212	31	22,124	3,115	1,926,791	4,888	1,413,770	265	40,534	1,341	846,287	3,095	753,806	15	1,875	10,174,818	19,417,796	25A

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW YORK—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
252	Silversmithing	7	$220,900	$42,400			$42,400	$178,500	$10,093	201	$180,354
253	Silverware. (See also Plated and britannia ware.)	7	461,825	216,600	$10,000	$6,000	200,600	245,225	26,159	425	300,545
254	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage.)	76	6,740,912	2,780,859	886,650	1,063,752	830,457	3,960,053	460,478	2,186	1,412,241
255	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage.)	105	5,864,548	2,992,290	288,840	1,380,500	1,322,950	2,872,258	499,605	2,117	1,760,927
256	Smelting and refining	4	88,163	27,400	9,000	7,500	10,900	60,763	5,651	44	33,688
257	Soap and candles. (See also Grease and tallow.)	101	4,054,025	2,122,451	567,120	619,403	935,928	2,531,574	846,590	2,027	1,167,279
258	Soda water apparatus	3	1,469,300	860,500	192,500	165,000	503,000	608,800	22,240	373	332,470
259	Sporting goods	65	372,975	153,524	16,740	20,250	116,534	219,451	31,180	794	316,603
260	Springs, steel, car and carriage	9	309,654	99,250	7,000	29,000	63,250	210,404	27,985	237	151,055
261	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	30	1,985,055	936,362	32,500	75,900	827,962	1,048,693	199,864	2,112	934,954
262	Starch	16	2,189,934	939,500	140,000	482,200	317,300	1,250,434	822,659	1,241	542,118
263	Stationery goods, not elsewhere specified.	91	2,272,318	877,278	97,550	72,900	706,828	1,395,040	181,473	2,206	1,160,460
264	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	49	3,547,136	903,078	76,425	266,160	560,493	2,644,058	562,924	2,443	1,935,148
265	Steam packing	10	260,379	64,779	5,000	5,000	54,779	195,600	56,018	193	111,665
266	Stencils and brands	23	165,673	88,300			88,300	77,373	14,238	176	123,388
267	Stereotyping and electrotyping. (See also Type founding.)	30	495,170	278,600	30,000	20,000	228,600	216,570	42,300	482	389,986
268	Sugar and molasses, refining	14	3,877,973	1,928,450	469,200	538,300	920,950	1,949,523	246,957	657	354,974
269	Surgical appliances. (See also Artificial limbs.)	39	153,512	44,355	9,200	6,150	29,005	109,157	24,551	180	107,878
270	Taxidermy	19	165,113	14,209	2,900	6,350	4,959	150,904	6,399	56	42,549
271	Teasels	5	61,400	23,150	4,550	17,200	1,400	38,250	1,088	72	21,584
272	Timber products, not manufactured at mill.	70	696,291	241,734	137,868		103,866	454,557	47,723	1,391	362,008
273	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	1,155	7,483,547	3,464,194	811,230	1,087,664	1,565,300	4,019,353	695,659	7,945	4,715,978
274	Tobacco, chewing, smoking, and snuff	30	2,671,274	800,596	269,050	299,050	232,496	1,870,678	1,006,457	1,650	720,545
275	Tobacco, cigars and cigarettes	2,858	23,436,083	3,451,773	1,120,720	1,170,351	1,160,693	19,984,310	5,063,186	32,111	16,183,372
276	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	82	1,532,006	691,131	114,483	128,283	448,365	840,875	78,952	1,001	545,011
277	Toys and games	48	926,886	399,595	29,500	71,700	298,395	527,291	138,301	1,141	493,977
278	Trunks and valises. (See also Leather goods.)	78	881,076	242,579	99,000	80,200	63,379	638,497	97,715	831	521,747
279	Type founding. (See also Stereotyping and electrotyping.)	11	1,053,792	563,398			563,398	490,394	32,659	534	336,828
280	Typewriters and supplies	13	699,431	336,773	35,000	46,000	255,773	362,658	59,083	1,110	732,865
281	Umbrellas and canes	204	1,505,970	242,631	18,000	11,500	213,131	1,263,339	226,506	2,744	1,492,758
282	Upholstery materials. (See also Carpets and rugs, other than rag; Woolen goods; Worsted goods.)	38	493,295	210,552	53,433	83,750	73,369	282,743	38,548	573	342,338
283	Varnish. (See also Paints.)	32	4,500,951	1,012,201	372,403	331,558	308,243	3,488,750	542,947	692	710,153
284	Vault lights and ventilators. (See also Foundry and machine shop products.)	10	132,775	24,150	500	500	23,150	108,625	20,839	126	111,918
285	Vinegar and cider	129	1,493,996	914,435	139,100	336,635	438,610	584,561	76,683	769	234,289
286	Washing machines and clothes wringers.	18	252,824	102,355	22,050	32,550	47,755	150,469	21,280	181	97,683
287	Watch and clock materials. (See also Clock cases and materials.)	7	42,430	11,150			11,150	31,280	2,770	22	12,448
288	Watch cases	20	1,408,607	449,495	30,800	114,500	304,195	959,112	198,582	1,204	761,703
289	Watch, clock, and jewelry repairing. (See also Jewelry.)	780	1,014,477	467,569	105,443	114,227	247,899	546,908	212,972	1,500	945,046
290	Watches	7	210,645	62,082			62,082	148,563	37,262	165	78,005
291	Whalebone and rattan. (See also Baskets and rattan and willow ware.)	6	101,250	11,750			11,750	170,500	9,942	58	42,718
292	Wheelbarrows	5	76,000	39,956	3,992	12,700	23,264	36,044	8,712	36	18,919
293	Whips	8	176,481	36,258	4,200	9,800	22,258	140,223	9,732	163	96,288
294	Window shades	48	2,812,618	924,562	117,000	280,600	526,962	1,888,056	1,157,655	1,307	823,486
295	Wire	4	162,300	60,750			60,750	101,550	11,930	141	119,906
296	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	116	2,322,008	1,079,312	150,849	263,647	664,816	1,242,786	233,692	1,850	1,031,849

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW YORK—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
16	$37,790	1	$500	174	$137,352	10	$4,712	.....	.....	.....	.....	.....	.....	.....	.....	$107,751	$331,650	252
15	19,923	13	5,900	381	267,044	12	4,178	.....	.....	4	$3,500	.....	.....	.....	.....	314,339	1,435,535	253
244	276,486	20	12,216	1,898	1,115,553	5	1,758	3	$276	7	4,368	9	$1,584	.....	.....	29,832,621	34,848,582	254
294	450,012	1	312	1,676	1,177,119	1	120	1	120	144	133,244	.....	.....	.....	.....	37,728,159	41,793,569	255
8	7,148	.....	.....	36	26,540	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	151,325	233,860	256
278	340,278	38	14,192	1,261	704,104	235	54,232	80	6,565	35	15,294	60	24,314	40	$8,300	5,295,768	9,036,982	257
71	120,774	.....	.....	290	206,570	7	1,689	.....	.....	5	3,428	.....	.....	.....	.....	282,653	845,123	258
77	71,898	4	1,332	306	141,452	203	40,529	1	350	45	22,538	158	32,504	.....	.....	276,624	744,685	259
26	39,042	.....	.....	126	70,211	.....	.....	.....	.....	85	41,802	.....	.....	.....	.....	236,615	491,670	260
109	127,660	2	1,144	1,000	547,486	260	61,584	42	6,612	564	164,818	135	25,650	.....	.....	1,839,313	3,384,613	261
65	104,751	1	480	871	370,076	82	8,713	44	4,245	18	12,500	142	38,553	18	2,800	2,183,667	4,016,181	262
322	391,610	13	7,076	759	458,695	869	230,788	13	2,066	71	24,120	156	45,356	3	749	1,881,619	3,987,240	263
241	380,961	10	5,201	2,013	1,421,779	38	11,408	2	312	139	115,487	.....	.....	.....	.....	2,959,019	6,131,932	264
69	47,320	1	520	107	59,377	16	4,448	.....	.....	.....	.....	.....	.....	.....	.....	128,044	477,906	265
37	40,650	2	780	114	74,884	12	4,992	1	210	.....	.....	10	1,872	.....	.....	70,309	273,422	266
65	98,346	2	1,686	353	248,582	9	6,532	.....	.....	53	34,840	.....	.....	.....	.....	194,761	779,455	267
47	80,273	.....	.....	597	271,503	2	624	.....	.....	.....	.....	11	2,574	.....	.....	15,272,692	17,157,694	268
51	53,602	5	3,230	62	30,808	59	15,650	4	588	.....	.....	8	4,000	.....	.....	88,925	299,084	269
21	21,555	.....	.....	33	20,808	.....	.....	1	156	1	30	.....	.....	.....	.....	15,220	96,720	270
3	1,040	.....	.....	42	13,337	10	3,120	3	936	14	3,151	.....	.....	.....	.....	50,362	84,700	271
27	10,069	.....	.....	865	206,936	7	1,348	.....	.....	492	143,655	.....	.....	.....	.....	148,847	702,736	272
1,328	1,183,578	29	14,354	5,878	3,294,607	156	46,417	109	16,210	408	151,069	24	9,088	13	655	6,240,012	14,245,039	273
118	146,186	1	350	611	284,244	157	41,022	103	17,568	106	52,705	554	178,470	.....	.....	1,610,642	4,431,373	274
3,246	2,979,692	97	46,592	6,040	3,013,078	3,044	940,897	366	53,181	13448	7,023,742	5,775	2,104,221	95	15,969	19,432,008	47,422,603	275
118	115,261	1	200	671	346,322	22	6,358	20	2,718	155	68,997	12	4,680	2	475	336,235	1,185,377	276
117	127,136	14	6,192	489	239,079	215	59,527	40	6,450	85	23,456	141	28,337	40	4,800	599,787	1,467,582	277
128	127,087	4	2,712	584	348,073	42	13,359	4	625	59	27,215	10	2,676	.....	.....	651,885	1,568,587	278
52	69,354	1	800	109	89,674	98	57,824	.....	.....	161	82,352	105	35,824	8	1,000	495,536	988,260	279
48	70,196	8	2,770	613	415,589	14	4,056	2	254	425	240,000	.....	.....	.....	.....	436,811	2,774,593	280
377	394,043	50	25,436	1,024	609,757	880	299,300	54	6,376	126	53,314	233	104,532	.....	.....	2,570,201	5,246,282	281
76	75,294	2	1,260	324	192,480	147	60,591	.....	.....	16	9,320	8	3,384	.....	.....	477,272	1,013,695	282
250	417,100	13	7,538	416	282,515	6	1,560	3	504	.....	.....	2	468	2	468	2,790,502	5,213,663	283
24	35,790	.....	.....	101	75,528	1	600	.....	.....	.....	.....	.....	.....	.....	.....	147,860	332,813	284
129	75,240	1	260	561	154,619	72	3,860	5	110	1	200	.....	.....	.....	.....	701,188	1,403,540	285
29	28,190	2	1,144	133	60,846	3	711	2	300	12	6,492	.....	.....	.....	.....	171,681	394,651	286
7	6,080	.....	.....	15	6,368	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,447	39,000	287
65	79,039	1	250	840	524,966	100	27,390	3	504	188	127,706	7	1,848	.....	.....	1,986,814	3,430,653	288
741	534,304	6	2,074	683	387,741	15	4,480	15	2,129	40	14,318	.....	.....	.....	.....	372,927	1,808,450	289
18	20,945	.....	.....	47	23,780	100	33,280	.....	.....	.....	.....	.....	.....	.....	.....	53,507	205,500	290
5	11,300	.....	.....	40	27,232	13	4,186	.....	.....	.....	.....	.....	.....	.....	.....	483,410	587,500	291
5	4,810	.....	.....	26	12,559	.....	.....	.....	.....	5	1,550	.....	.....	.....	.....	41,644	82,087	292
23	32,160	.....	.....	78	42,005	18	4,080	.....	.....	17	10,060	27	7,983	.....	.....	154,236	290,046	293
173	241,954	5	3,084	856	452,078	186	67,310	.....	.....	55	44,460	29	14,600	.....	.....	3,217,999	5,812,428	294
12	26,746	.....	.....	89	55,110	.....	.....	.....	.....	35	36,050	5	2,000	.....	.....	203,580	400,390	295
213	227,071	9	9,570	1,071	560,278	87	18,838	17	3,111	357	176,827	114	35,629	2	525	1,669,483	3,546,161	296

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW YORK—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
297	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors and blinds.)	193	$1,007,016	$581,653	$110,540	$130,638	$340,475	$425,363	$89,609	1,289	$807,158
298	Woodenware, not elsewhere specified	32	240,016	137,990	30,955	44,800	62,235	102,026	20,914	245	117,880
299	Wool hats	5	1,444,767	520,000	67,000	158,000	295,000	924,767	54,233	997	361,512
300	Woolen goods. (See also Carpets and rugs, other than rag; Felt goods; Gloves and mittens; Hosiery and knit goods.)	91	7,243,380	4,295,243	443,070	1,400,417	2,451,756	2,948,137	353,245	2,969	1,046,778
301	Worsted goods	16	5,615,875	2,685,099	247,509	485,968	1,351,622	3,530,776	342,073	3,953	1,481,194
302	All other industries (*a*)	66	8,080,438	4,384,511	892,460	956,565	2,535,486	3,695,927	999,827	4,522	2,279,562

a Embraces ammunition, 1; bagging, flax, hemp, and jute, 1; brass, 1; brass and copper, rolled, 2; cardboard, 4; card cutting and designing, 2; celluloid and celluloid goods, 2; cigar molds, 1; clock cases and materials, 1; collars and cuffs, paper, 1; emery wheels, 1; fire extinguishers chemical, 1; fish, canning and preserving, 2; flax, dressed, 2; gas machines and meters, 2; gas stoves, 1; glucose, 1; hones and whetstones, 2; hooks and eyes, 2; horseshoes, factory product, 1; ice artificial, 1; iron and steel, doors and shutters, 2; jute and jute goods, 1; leather, patent and enameled, 1; lightning rods, 2; millstones, 1; oil, caster, 1; oil,

BY COUNTIES.

1	The State	65,840	1,130,161,195	532,753,966	120,861,115	141,542,405	270,350,446	597,407,229	122,042,219	850,084	466,846,642
2	Albany	1,874	34,496,319	18,958,367	1,980,312	6,566,466	10,411,589	15,537,952	2,975,787	28,325	13,029,824
3	Allegany	302	2,094,341	965,232	203,998	298,995	462,239	1,129,109	95,536	1,290	448,414
4	Broome	823	9,809,377	3,592,742	838,365	961,863	1,792,514	6,216,635	953,786	10,771	4,554,079
5	Cattaraugus	377	9,251,621	3,312,154	683,763	888,603	1,739,788	5,939,467	485,280	3,970	1,598,260
6	Cayuga	406	12,159,941	3,570,628	626,623	1,266,341	1,677,664	8,589,313	1,410,135	6,835	2,838,721
7	Chautauqua	495	8,886,041	3,875,683	629,454	1,237,198	2,009,031	5,010,358	625,453	6,426	2,879,986
8	Chemung	674	7,650,154	3,470,320	686,365	961,028	1,822,927	4,179,834	591,261	5,819	2,734,560
9	Chenango	434	2,286,283	1,338,927	333,227	380,821	624,879	947,356	118,300	1,907	651,328
10	Clinton	197	2,722,737	1,590,218	381,275	425,849	783,094	1,132,519	171,112	1,474	509,181
11	Columbia	245	8,876,393	5,315,834	545,277	1,711,206	3,059,351	3,566,559	540,988	4,427	1,659,362
12	Cortland	240	4,288,919	1,516,786	237,680	522,425	756,681	2,772,133	335,588	3,285	1,531,037
13	Delaware	320	2,030,643	1,144,704	269,238	359,165	516,301	885,939	94,692	1,262	442,449
14	Dutchess	525	12,236,666	6,218,359	1,251,138	2,298,326	2,668,895	6,018,307	710,756	8,563	3,769,834
15	Erie	3,997	75,289,505	38,830,931	11,315,522	12,071,311	15,444,098	36,458,574	7,775,995	55,076	26,681,755
16	Essex	117	3,502,769	2,206,680	251,285	597,260	1,358,135	1,296,089	241,144	1,206	520,987
17	Franklin	263	3,219,414	1,937,548	779,819	476,375	681,354	1,281,866	139,630	2,677	669,554
18	Fulton	562	6,980,605	2,074,343	394,531	579,410	1,100,402	4,906,262	421,900	8,626	3,229,516
19	Genesee	208	2,580,535	1,268,638	260,200	454,147	554,291	1,311,897	198,593	1,606	597,444
20	Greene	203	1,274,036	749,104	124,820	219,712	404,572	524,932	99,554	1,177	392,486
21	Hamilton	54	441,266	114,680	24,864	38,975	50,841	326,586	24,187	588	127,909
22	Herkimer	351	6,996,329	3,442,052	590,719	1,051,490	1,799,843	3,554,277	397,117	5,258	2,386,720
23	Jefferson	690	9,386,776	5,120,397	867,317	1,784,336	2,468,744	4,266,379	548,954	5,416	2,350,797
24	Kings	10,623	163,887,204	87,277,905	24,417,164	22,925,056	39,935,691	76,609,299	15,797,608	109,814	65,573,409
25	Lewis	207	2,228,945	1,343,222	504,522	407,334	431,366	885,723	122,610	1,454	442,693
26	Livingston	140	5,110,420	4,606,809	3,220,856	756,392	629,561	503,611	161,154	962	410,168
27	Madison	308	3,027,610	1,635,325	226,986	631,435	776,904	1,392,285	199,040	2,467	918,246
28	Monroe	2,258	50,526,387	19,923,757	4,484,839	6,857,622	8,581,296	30,602,630	5,845,873	36,632	17,967,646
29	Montgomery	403	10,259,691	4,586,622	804,760	1,231,268	2,550,594	5,673,069	697,365	5,950	2,852,018
30	New York	25,403	426,118,272	181,497,345	40,240,256	35,376,400	105,880,689	244,620,927	59,991,716	354,291	230,102,167
31	Niagara	416	8,933,761	4,659,858	1,020,521	1,418,211	2,221,126	4,273,843	578,228	5,104	2,166,052
32	Oneida	1,121	24,897,169	11,575,889	1,447,611	3,626,346	6,501,932	13,321,280	1,572,888	21,137	7,291,646
33	Onondago	1,528	27,351,951	14,145,104	2,447,777	4,313,068	7,384,259	13,206,847	2,981,201	20,736	9,783,216
34	Ontario	334	3,312,253	1,549,584	205,664	476,460	867,460	1,762,669	266,288	2,392	1,011,918
35	Orange	639	11,403,927	6,388,770	1,202,508	2,026,134	3,160,128	5,015,157	759,100	9,099	4,126,947
36	Orleans	267	1,674,868	839,671	155,995	272,706	411,176	834,997	128,372	1,628	566,262
37	Oswego	534	8,874,576	4,387,926	706,941	1,632,275	2,048,710	4,486,650	834,108	5,655	2,049,471
38	Otsego	398	2,210,886	1,227,488	229,605	383,083	614,740	983,398	103,133	1,767	628,125
39	Putnam	31	695,959	421,441	26,755	121,800	272,886	274,518	26,284	535	251,372
40	Queens	575	19,899,700	10,479,356	2,372,632	3,122,351	4,984,373	9,420,344	1,313,014	8,119	4,932,325
41	Rensselaer	1,294	37,509,754	14,235,103	2,510,090	4,373,963	7,345,170	23,274,591	4,155,445	31,649	12,507,840
42	Richmond	562	13,076,898	8,767,144	2,544,891	3,561,897	2,660,356	4,309,754	1,353,565	4,962	3,056,518
43	Rockland	275	4,601,835	1,718,481	330,010	546,516	841,955	2,883,354	679,740	4,880	1,977,582
44	St. Lawrence	744	7,646,245	3,320,217	960,936	989,780	1,369,501	4,326,028	364,644	4,386	1,592,295
45	Saratoga	405	9,577,668	5,845,974	1,147,943	1,781,676	2,916,355	3,731,694	805,319	5,095	2,100,840
46	Schenectady	193	7,033,620	4,112,095	408,615	1,408,838	2,294,642	3,521,525	419,295	4,618	2,344,777
47	Schoharie	193	715,659	522,315	111,906	174,940	235,469	192,744	27,605	548	176,768
48	Schuyler	97	682,053	378,852	60,815	141,264	176,773	303,201	34,352	402	142,472
49	Seneca	135	3,789,240	1,978,542	271,050	631,637	1,075,855	1,810,704	201,882	2,403	961,249
50	Steuben	371	4,999,555	2,381,111	411,056	829,847	1,140,208	2,618,444	264,261	3,943	1,699,790
51	Suffolk	126	1,917,454	1,014,198	262,550	283,625	468,023	903,256	201,679	1,316	534,109

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW YORK—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
217	$220,996	2	$444	971	$559,689	4	$1,078	4	$633	41	$21,455	50	$2,863	.....	.....	$517,617	$1,708,222	297
38	30,181	1	785	182	83,528	.....	.....	.....	.....	24	3,386	.....	.....	.....	.....	105,340	283,825	298
21	37,892	.....	.....	370	147,114	44	8,781	36	5,595	241	106,912	276	53,881	9	$1,337	860,937	1,489,132	299
130	99,287	1	780	1,354	559,113	984	261,328	191	31,072	33	13,414	267	80,576	9	1,208	2,930,932	5,188,020	300
83	138,216	.....	.....	1,515	674,201	1,543	440,547	285	51,317	174	69,210	353	107,703	.....	.....	3,470,580	5,763,102	301
212	327,110	10	7,270	2,506	1,450,501	1,059	319,295	337	48,503	123	64,906	269	60,777	6	1,200	6,359,717	10,610,396	302

illuminating, not including petroleum, refining, 1; oil, lard, 2; oilcloth, enameled, 3; pencil cases, 4; pencils, lead, 3; phonegraphs and graphophones, 1; pulp from fiber, other than wood, 1; registers, car fare, 1; registers, cash, 2; rubber, vulcanized, 1; sand and emery paper and cloth, 2; screws, machine, 2; straw goods, not elsewhere specified, 2; tobacco, stemming and rehandling, 2.

BY COUNTIES.

87,936	91,343,801	10,082	5,122,282	453,552	263,838,516	107,857	32,358,000	10,470	1,621,250	91,901	48,920,785	86,493	23,348,915	1,793	293,093	871,264,085	1,711,577,671	1
2,366	2,177,742	396	203,608	15,478	7,580,715	3,599	930,481	907	142,971	2,164	1,035,931	3,379	953,244	36	5,132	21,953,578	43,723,582	2
206	84,409	11	3,752	911	314,923	58	11,948	21	2,587	65	26,851	18	3,944	.....	.....	1,855,283	2,764,796	3
996	854,253	157	65,634	6,075	2,657,716	1,619	463,332	170	27,495	783	273,405	932	206,617	39	5,627	8,282,198	16,056,836	4
381	220,192	25	10,946	2,711	1,068,009	131	29,512	65	6,978	557	238,731	93	23,502	7	330	6,849,338	10,320,400	5
544	450,605	65	30,693	3,327	1,436,731	1,233	303,020	123	18,173	1,244	528,498	299	71,001	.....	.....	4,603,366	10,904,152	6
607	477,891	34	13,562	4,201	1,835,849	693	193,193	197	31,406	399	240,559	288	87,376	1	150	5,273,907	10,196,780	7
797	622,482	192	89,687	3,543	1,647,229	437	80,515	65	8,670	499	214,761	272	65,714	14	5,502	5,331,964	10,018,994	8
338	154,280	24	10,221	1,086	375,912	161	38,513	16	2,263	166	52,903	101	15,361	15	1,875	2,059,034	3,254,258	9
129	75,797	15	4,620	1,020	348,616	119	21,909	10	944	144	51,699	37	5,596	.....	.....	1,293,794	2,217,570	10
303	233,492	4	1,536	2,307	930,009	733	205,005	195	29,631	99	36,368	718	209,581	68	13,740	3,689,844	7,074,982	11
295	225,359	29	10,971	1,913	837,477	109	27,815	31	6,735	672	350,073	231	70,832	5	875	3,153,714	5,613,461	12
207	105,454	1	285	944	313,634	33	8,269	1	100	47	12,319	26	2,045	3	343	1,039,371	1,821,514	13
651	513,789	37	14,003	5,321	2,454,567	758	208,949	239	34,705	708	353,384	797	186,672	52	3,765	6,133,876	12,193,617	14
4,876	4,711,759	1,058	475,057	34,664	17,461,623	4,368	827,423	823	106,780	5,210	2,420,200	3,680	619,579	397	59,334	57,736,877	106,071,292	15
95	78,735	2	990	1,021	423,796	86	17,286	1	120	1	60	.....	.....	.....	.....	1,994,846	3,031,629	16
192	106,014	5	2,488	1,686	519,586	120	24,219	10	1,340	30	8,351	34	7,556	.....	.....	2,036,613	3,189,384	17
570	456,734	61	26,579	3,261	1,518,990	381	110,154	25	3,676	1,075	478,658	3,244	634,019	9	700	6,168,658	11,494,547	18
182	118,325	21	9,019	946	392,924	101	20,776	4	774	85	39,045	267	16,581	.....	.....	1,599,223	2,814,660	19
136	56,888	3	607	732	262,741	105	21,372	34	4,786	23	9,193	132	34,739	12	2,160	698,795	1,432,540	20
44	18,055	.....	.....	394	89,673	3	440	.....	.....	147	19,741	.....	.....	.....	.....	262,640	498,342	21
319	233,085	10	4,482	2,836	1,360,725	753	204,967	132	22,682	593	330,878	613	229,621	2	280	5,476,024	10,547,045	22
584	416,941	61	21,161	3,811	1,658,736	307	58,923	15	2,075	482	155,452	151	36,509	5	1,000	5,625,409	9,864,626	23
13499	13,571,364	1,055	766,582	64,328	40,789,426	12,531	3,761,350	1,262	206,875	9,669	4,921,727	6,708	1,529,759	162	26,326	151,789,433	270,823,754	24
218	88,286	3	650	1,124	328,935	27	2,448	28	612	53	21,562	1	200	.....	.....	1,904,927	3,066,539	25
141	90,823	3	1,565	767	293,528	53	8,050	7	640	37	13,615	14	1,947	.....	.....	629,926	1,553,986	26
270	151,575	21	8,243	1,558	608,024	336	75,869	41	5,538	135	52,386	104	16,311	2	300	2,311,396	3,945,494	27
3,721	3,725,061	470	214,359	19,427	10,345,704	4,591	1,125,066	818	112,490	3,821	1,718,562	3,027	704,186	157	22,218	36,458,306	70,456,298	28
401	331,397	56	29,570	2,990	1,316,799	1,226	377,279	143	22,680	779	328,560	1,333	441,333	22	4,400	7,331,589	12,813,322	29
40795	49,177,370	4,352	2,515,588	169407	119,000,051	56,217	19,066,902	1,718	279,122	40910	27,956,351	34547	12,024,542	345	82,241	366,422,722	777,222,721	30
445	412,976	49	18,669	3,202	1,484,995	510	59,173	146	10,606	334	132,744	371	44,367	47	2,522	8,367,762	12,532,798	31
1,337	1,218,997	187	75,446	8,756	3,837,829	3,390	865,130	651	94,462	2,036	672,097	4,716	522,150	64	5,535	14,516,295	27,089,325	32
2,034	1,891,724	178	72,567	12,614	6,152,376	2,080	461,234	313	42,746	2,042	911,748	1,461	248,098	14	2,723	17,105,120	34,519,504	33
361	234,765	24	7,093	1,450	587,596	205	24,767	32	3,231	234	142,403	60	7,908	26	4,215	2,032,597	3,912,666	34
739	604,693	35	17,540	5,122	2,525,747	693	175,338	284	47,934	925	407,980	1,282	344,662	19	3,053	6,706,361	13,291,460	35
227	141,748	42	16,188	951	337,703	255	22,331	12	805	115	41,362	26	6,125	.....	.....	1,310,578	2,286,909	36
596	489,327	49	16,175	3,057	1,225,564	393	68,245	78	4,756	422	155,568	460	89,836	.....	.....	6,344,930	10,261,372	37
305	136,483	9	3,274	1,024	384,497	108	23,742	16	1,577	132	42,625	154	32,843	19	3,084	1,631,805	2,843,640	38
28	14,300	1	144	445	214,682	54	18,969	3	468	4	2,200	.....	.....	.....	.....	816,688	1,464,081	39
663	716,494	63	26,967	5,871	3,616,026	569	156,871	112	21,351	625	338,203	197	53,405	19	3,008	14,591,019	24,472,900	40
1,644	1,626,164	197	111,109	11,043	5,595,651	1,914	504,541	295	44,493	3,329	1,713,850	13119	2,897,999	108	14,633	18,486,694	40,649,896	41
567	617,039	40	22,158	3,711	2,216,316	360	86,332	58	7,752	131	82,923	81	21,814	14	2,184	5,793,396	12,330,861	42
289	220,703	26	12,077	3,861	1,549,040	318	81,327	154	22,368	124	63,426	103	28,041	5	600	1,930,615	5,350,249	43
612	362,436	44	18,404	3,044	1,034,665	202	38,191	50	5,584	365	119,666	61	11,705	8	1,644	6,015,975	8,994,732	44
329	255,514	39	15,890	3,302	1,423,386	582	149,591	104	12,517	232	106,546	486	135,556	21	1,840	4,856,665	9,113,868	45
283	246,500	11	4,667	2,798	1,444,843	491	126,708	55	7,053	627	410,027	326	100,977	27	4,002	5,427,473	8,769,436	46
164	64,233	1	104	322	96,563	14	3,725	1	216	19	5,447	27	6,480	.....	.....	430,548	753,121	47
94	46,478	1	156	277	90,842	20	2,291	3	21	7	2,683	.....	.....	.....	.....	485,574	767,109	48
157	122,365	6	3,836	1,683	705,369	164	32,350	30	4,800	43	19,345	317	72,495	3	749	1,819,925	3,592,303	49
348	200,949	22	7,607	2,601	1,176,845	253	59,244	70	11,356	407	184,142	232	58,847	10	800	3,424,035	6,209,190	50
83	47,806	1	260	922	373,051	109	22,450	16	1,020	133	78,506	45	10,516	7	500	1,064,905	2,107,799	51

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NEW YORK—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
52	Sullivan	154	$1,047,516	$684,596	[illegible]04,411	$186,675	$293,510	$362,920	$51,142	640	$241,976
53	Tioga	144	1,314,291	545,425	94,085	169,422	281,918	768,866	72,757	928	333,338
54	Tompkins	290	2,518,864	1,258,577	213,290	425,116	620,171	1,260,287	173,747	2,263	1,015,526
55	Ulster	412	7,658,502	4,461,970	987,031	1,269,070	2,205,869	3,196,532	707,177	5,393	2,297,565
56	Warren	190	3,017,836	1,715,367	845,947	369,325	500,095	1,302,469	143,510	2,747	829,711
57	Washington	215	3,844,502	2,472,466	548,750	684,283	1,239,433	1,372,036	338,665	2,119	789,687
58	Wayne	119	1,066,636	477,258	61,993	142,460	272,805	589,378	73,078	648	203,631
59	Westchester	1,034	17,537,792	7,558,153	1,596,460	2,005,673	3,956,020	9,979,639	1,488,756	16,584	8,725,456
60	Wyoming	160	2,018,741	1,431,361	172,760	574,747	683,854	587,380	88,903	955	378,100
61	Yates	119	1,112,939	714,102	125,282	256,480	332,340	398,837	62,973	685	259,594

NORTH CAROLINA.

BY SPECIFIED INDUSTRIES.

1	All industries	3,367	32,745,995	20,239,772	3,730,403	4,932,861	11,576,508	12,506,223	3,329,101	36,214	7,830,536
2	Agricultural implements	14	132,297	60,330	8,725	25,280	26,325	71,967	3,768	97	35,335
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	170	90,892	65,632	17,057	20,550	28,025	34,260	6,250	274	91,093
4	Boots and shoes, custom work and repairing.	75	26,064	14,505	2,563	4,257	7,685	11,559	4,472	120	34,845
5	Boots and shoes, factory product	4	118,000	11,500	----------	----------	11,500	106,500	3,473	102	31,920
6	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	6	47,015	24,710	3,020	3,150	18,540	22,305	1,206	129	13,695
7	Bread and other bakery products	17	33,485	25,275	7,575	9,200	8,500	8,210	3,375	41	15,188
8	Brick and tile. (See also Clay and pottery products.)	62	263,644	154,410	59,935	31,595	62,880	109,234	11,940	1,037	148,110
9	Carpentering	54	195,250	69,100	16,260	20,940	31,900	126,150	13,807	606	200,603
10	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	131	492,460	201,730	43,295	90,230	68,205	290,730	40,287	581	201,812
11	Cars and general shop construction and repairs by steam railroad companies.	9	210,458	176,410	19,150	124,500	32,760	34,048	----------	442	192,902
12	Clay and pottery products. (See also Brick and tile.)	9	3,146	2,080	430	1,060	590	1,066	57	34	6,721
13	Clothing, men's, custom work and repairing.	30	40,370	4,305	200	700	3,405	36,065	7,764	134	58,726
14	Clothing, men's, factory product	3	14,150	1,650	----------	----------	1,650	12,500	4,199	56	16,960
15	Clothing, women's, dressmaking	69	32,138	23,405	5,850	12,000	5,555	8,733	5,744	227	43,719
16	Coffins and burial cases, trimming and finishing.	17	19,960	12,920	3,510	7,675	1,735	7,040	1,331	28	9,358
17	Confectionery	13	46,120	36,625	7,250	21,250	8,125	9,495	2,893	60	20,621
18	Cooperage	83	34,542	12,656	3,211	5,340	4,105	21,886	1,335	192	41,028
19	Cotton, ginning	76	99,820	96,195	10,670	28,085	58,040	3,625	4,706	323	22,203
20	Cotton goods. (See also Hosiery and knit goods.)	91	10,775,134	8,102,104	696,316	2,030,074	5,375,714	2,673,030	423,324	8,742	1,646,196
21	Dentistry, mechanical	8	9,450	6,050	740	1,110	4,200	3,400	486	10	2,832
22	Dyeing and cleaning	6	2,840	2,310	800	1,100	410	530	514	13	3,056
23	Fertilizers. (See also Chemicals.)	12	1,513,142	382,652	31,857	192,300	158,495	1,130,490	89,316	374	119,494
24	Flouring and grist mill products	1,039	2,334,130	2,122,316	463,604	629,600	1,029,112	211,814	67,793	1,721	391,576
25	Foundry and machine shop products	28	684,180	284,965	45,510	83,350	156,105	399,215	26,457	482	201,630
26	Fruits and vegetables, canning and preserving.	5	5,940	2,255	200	905	1,150	3,685	155	89	1,502
27	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	23	27,780	17,250	6,615	6,650	3,985	10,530	1,601	35	9,333
28	Furniture, factory product. (See also Furniture, chairs.)	6	126,350	69,560	8,600	29,100	31,860	66,790	2,754	167	49,059
29	Gas, illuminating and heating	6	333,618	312,550	26,500	21,500	264,550	21,068	11,612	50	20,340
30	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	5	72,900	42,800	2,500	17,000	23,300	30,100	3,097	184	30,410
31	Ice, artificial	5	101,204	95,850	3,750	10,000	81,200	5,354	6,109	59	20,880
32	Leather, tanned and curried	55	116,364	39,804	10,699	19,885	9,220	76,560	3,913	132	34,401
33	Liquors, distilled	55	73,560	33,167	6,002	7,400	19,765	40,393	136,746	144	35,124
34	Lock and gun smithing	4	1,665	1,375	700	300	375	290	200	5	1,865
35	Looking-glass and picture frames	3	8,820	1,700	600	500	700	7,120	862	8	2,984
36	Lumber and other mill products from logs or bolts.	688	5,319,589	3,998,504	1,437,065	410,378	2,151,061	1,321,085	213,801	6,651	1,331,895

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NEW YORK—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
139	$64,361	.....	.....	467	$165,201	2	$405	6	$521	26	$11,488	.....	.....	.....	.....	$648,971	$1,119,957	52
136	70,511	12	$3,507	602	216,742	63	12,578	37	3,628	55	22,364	23	$4,008	.....	.....	1,099,567	1,587,700	53
272	164,955	32	12,141	1,539	693,245	111	25,800	14	825	180	95,258	115	23,302	.....	.....	1,918,305	3,526,770	54
363	274,062	21	9,964	3,813	1,575,536	199	42,070	70	12,235	750	330,706	175	52,576	2	$416	3,953,319	8,643,310	55
186	106,258	8	2,675	1,214	443,195	372	96,715	15	879	101	45,029	761	134,960	.....	.....	1,928,810	3,440,898	56
197	109,096	3	479	1,360	536,701	247	53,364	44	6,950	89	28,172	179	54,925	.....	.....	1,859,498	3,381,631	57
89	60,898	.....	.....	410	127,367	92	4,794	18	403	25	8,701	11	1,148	3	320	449,654	999,625	58
1,160	1,177,392	201	101,568	9,318	5,410,715	3,044	880,343	667	165,329	1,632	828,845	540	156,327	22	4,937	14,715,000	29,737,350	59
139	64,365	5	2,059	612	252,983	50	13,046	14	2,356	46	16,923	89	26,368	.....	.....	987,706	1,686,888	60
87	51,443	4	3,100	432	171,256	105	21,410	1	160	24	9,085	30	3,110	2	30	603,635	1,152,302	61

NORTH CAROLINA.

BY SPECIFIED INDUSTRIES.

2,512	1,250,705	77	27,710	21,252	4,904,628	5,174	745,701	3,755	322,426	1,413	355,794	1,053	163,156	978	60,416	22,789,187	40,375,450	1
11	6,854	.....	.....	81	27,529	.....	.....	1	152	4	800	.....	.....	.....	.....	42,371	105,875	2
114	44,568	.....	.....	150	44,450	.....	.....	.....	.....	10	2,075	.....	.....	.....	.....	54,457	184,658	3
48	16,212	.....	.....	40	10,451	.....	.....	.....	.....	32	8,182	.....	.....	.....	.....	32,682	88,327	4
7	5,200	.....	.....	79	23,650	8	1,680	8	1,390	.....	.....	.....	.....	.....	.....	76,670	155,900	5
4	1,206	1	500	55	8,853	.....	.....	4	336	15	600	40	2,000	10	200	18,765	36,375	6
8	5,604	.....	.....	27	8,785	4	447	1	52	1	300	.....	.....	.....	.....	35,365	68,225	7
41	16,307	.....	.....	902	125,910	1	100	90	5,721	.....	.....	.....	.....	3	72	64,313	333,150	8
39	26,144	.....	.....	526	165,424	5	910	.....	.....	36	8,125	.....	.....	.....	.....	389,422	729,391	9
84	42,034	.....	.....	464	153,789	1	20	14	1,688	17	4,141	1	140	.....	.....	249,210	587,814	10
8	6,640	.....	.....	434	186,262	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200,335	393,576	11
7	2,899	.....	.....	23	3,422	.....	.....	.....	.....	4	400	.....	.....	.....	.....	2,350	13,120	12
24	17,052	2	610	32	16,708	28	5,923	2	244	29	15,619	17	2,570	.....	.....	71,989	161,999	13
7	5,280	.....	.....	7	2,060	36	8,700	.....	.....	.....	.....	6	1,000	.....	.....	42,500	72,000	14
.....	.....	38	13,771	.....	.....	180	28,853	3	210	.....	.....	6	885	.....	.....	27,501	103,087	15
9	3,350	.....	.....	13	4,988	.....	.....	.....	.....	4	875	1	50	1	95	12,548	27,239	16
11	6,761	1	660	40	12,076	4	780	4	404	.....	.....	.....	.....	.....	.....	60,549	97,645	17
20	6,438	.....	.....	156	32,340	.....	.....	.....	.....	16	2,250	.....	.....	.....	.....	46,754	111,925	18
28	3,851	.....	.....	283	17,865	.....	.....	2	58	9	399	1	30	.....	.....	9,058	64,429	19
226	169,964	1	300	2,581	658,316	3,274	513,338	2,038	184,801	207	49,054	382	68,176	33	2,247	6,239,902	9,563,443	20
8	2,572	.....	.....	.....	.....	.....	.....	1	60	1	200	.....	.....	.....	.....	1,262	5,175	21
3	1,364	.....	.....	3	710	7	982	.....	.....	.....	.....	.....	.....	.....	.....	2,249	6,950	22
29	29,002	2	542	333	87,960	.....	.....	10	1,900	.....	.....	.....	.....	.....	.....	656,760	994,135	23
595	184,694	2	936	1,094	203,581	1	50	3	390	26	1,925	.....	.....	.....	.....	4,379,218	5,279,068	24
44	32,955	4	728	424	187,227	.....	.....	2	240	.....	.....	.....	.....	8	480	176,404	488,804	25
2	110	.....	.....	15	535	49	619	23	238	.....	.....	.....	.....	.....	.....	2,997	5,506	26
19	5,709	.....	.....	15	3,574	.....	.....	.....	.....	1	50	.....	.....	.....	.....	6,667	21,435	27
15	10,412	.....	.....	143	36,645	.....	.....	6	442	3	1,560	.....	.....	.....	.....	58,808	159,000	28
9	5,430	.....	.....	41	14,910	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,972	83,360	29
5	3,150	.....	.....	15	5,300	35	8,000	31	4,500	4	500	70	7,460	24	1,500	66,925	126,875	30
12	6,208	.....	.....	47	14,612	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,355	64,630	31
25	10,213	.....	.....	100	22,983	.....	.....	3	210	4	995	.....	.....	.....	.....	115,507	190,887	32
24	11,735	.....	.....	109	22,578	.....	.....	.....	.....	11	811	.....	.....	.....	.....	53,574	255,302	33
3	1,040	.....	.....	2	825	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	300	2,600	34
3	1,334	.....	.....	4	1,450	1	200	.....	.....	.....	.....	.....	.....	.....	.....	6,650	13,250	35
449	186,179	1	75	6,011	1,127,382	11	988	49	5,655	129	22,141	5	375	5	100	3,007,183	5,767,687	36

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NORTH CAROLINA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
37	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	42	$488,770	$246,870	$52,750	$49,700	$144,420	$241,900	$26,284	625	$224,225
38	Masonry, brick and stone	10	65,450	2,774	400	1,000	1,374	62,685	568	123	44,057
39	Mattresses and spring beds. (See also Furniture.)	7	12,656	4,470	1,400	900	2,170	8,186	2,471	42	10,444
40	Millinery, custom work	22	33,105	1,730	500	500	730	31,375	5,277	60	15,480
41	Mineral and soda waters. (See also Bottling.)	5	25,870	16,150	2,000	2,000	12,150	9,720	1,823	18	6,906
42	Monuments and tombstones. (See also Marble and stone work.)	12	32,740	9,335	4,100	2,450	2,785	23,405	1,178	57	27,448
43	Oil, cottonseed and cake	11	743,675	530,115	34,766	172,690	322,749	213,560	31,877	337	69,972
44	Painting and paper hanging	12	1,738	473			473	1,265	491	40	12,152
45	Patent medicines and compounds	3	21,945	920	800	100	20	21,025	5,141	44	10,876
46	Paving and paving materials	3	3,605	2,055	1,300	400	355	1,550	70	15	4,500
47	Photography	7	8,440	4,325			4,325	4,115	1,268	11	3,604
48	Printing and publishing, book and job	13	89,725	64,700	300	700	63,700	25,025	5,309	78	31,264
49	Printing and publishing, newspapers and periodicals.	120	449,877	303,532	30,300	48,975	224,257	146,345	89,455	567	236,590
50	Rice, cleaning and polishing	3	80,281	49,270	6,020	18,100	25,150	31,011	4,711	48	14,249
51	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	4	11,505	5,385	1,500	2,800	1,085	6,120	657	12	3,803
52	Saddlery and harness	46	92,466	25,020	6,960	10,215	7,845	67,446	5,515	122	43,285
53	Shipbuilding	16	76,978	56,775	16,295	17,730	22,750	20,203	3,423	138	50,484
54	Sugar and molassee, refining	7	1,047	947	70	232	645	100	168	17	703
55	Tar and turpentine	194	785,055	431,471	269,341		162,130	353,584	20,038	1,747	273,688
56	Timber products, not manufactured at mill.	25	57,218	37,587	17,290		20,297	19,631	18,287	273	49,083
57	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	25	55,982	32,117	6,367	12,700	13,050	23,865	4,316	88	33,545
58	Tobacco, chewing, smoking, and snuff	90	3,370,267	764,985	141,085	325,500	298,400	2,605,282	1,411,623	6,165	960,707
59	Tobacco, cigars and cigarettes	17	1,073,390	183,440	20,400	127,250	35,790	889,950	494,714	928	268,654
60	Tobacco, stemming and rebandling	13	282,460	66,760	24,100	39,500	3,160	215,700	8,891	175	28,070
61	Watch, clock, and jewelry repairing. (See also Jewelry.)	6	5,355	2,900	600	900	1,400	2,455	657	6	2,700
62	Woolen goods. (See also Hosiery and knit goods.)	27	339,088	184,530	30,980	44,800	108,750	154,558	14,758	324	65,329
63	All other industries (*a*)	46	1,121,821	702,486	110,720	185,945	405,821	419,335	64,694	805	246,302

a Embraces awnings, tents, and sails, 1; bagging, flax, hemp, and jute, 1; bags, other than paper, 1; bellows, 1; bottling, 2; boxes, fancy and paper, 1; broome and brushes, 2; carriage and wagon materials, 1; cars, steam railroad, not including operations of railroad companies, 1; chemicals, 1; cotton, compressing, 2; cutlery and edge tools, 2; furniture, chairs, 1; glass, cutting, staining, and ornamenting, 1; hones and whetstones, 1; iron and steel, 1; jewelry, 1; kaolin and other earth grinding, 1; lime and cement, 2; liquors, vinous, 2; marble and stone work, 2; models and patterns, 1; musical instruments, organs and materials, 1;

BY COUNTIES.

[No manufactures reported from Graham county.]

1	The State	3,667	32,745,995	20,239,772	3,730,403	4,932,861	11,576,508	12,506,223	3,329,101	36,214	7,830,536
2	Alamance	54	2,406,515	1,946,557	274,595	680,617	991,345	459,958	72,519	1,811	364,252
3	Alexander	30	57,740	45,680	11,485	6,450	27,745	12,060	1,367	113	19,493
4	Alleghany	16	18,465	18,170	3,505	6,325	8,340	295	416	21	4,059
5	Anson	29	58,298	41,640	7,230	9,680	24,730	16,658	2,220	88	19,539
6	Ashe	33	47,323	39,438	9,128	8,570	21,740	7,885	972	51	8,876
7	Beaufort	42	714,194	533,125	179,525	64,450	289,150	181,069	40,461	791	205,042
8	Bertie	23	107,920	84,440	13,890	9,230	61,320	23,480	12,001	178	34,831
9	Bladen	41	122,916	71,525	27,865	8,255	35,405	51,391	6,346	224	35,528
10	Brunswick	7	656,865	205,375	6,950	127,950	70,475	451,490	61,733	158	72,255
11	Buncombe	102	1,044,316	559,062	67,500	135,910	355,652	485,254	83,060	893	294,476
12	Burke	29	99,982	86,578	8,423	23,230	54,925	13,404	5,001	218	37,744
13	Cabarrus	54	434,048	359,330	18,165	68,030	273,135	74,718	33,093	548	106,775
14	Caldwell	36	280,245	198,925	33,030	37,295	128,600	81,320	8,208	266	45,989
15	Camden	8	29,020	24,790	1,915	4,125	18,750	4,230	514	50	8,533
16	Carteret	18	124,703	91,772	18,642	16,795	56,335	32,931	5,289	214	34,088
17	Caswell	9	13,615	12,935	3,450	2,735	6,750	680	578	20	3,639
18	Catawba	34	468,079	295,362	25,147	67,810	202,405	172,717	28,993	494	94,574
19	Chatham	73	268,014	214,827	47,772	62,175	104,880	53,187	7,278	306	51,890
20	Chowan	9	389,490	340,925	114,750	19,975	206,200	48,574	22,259	199	64,314
21	Clay	12	13,173	12,265	3,155	2,595	6,515	908	410	16	4,832
22	Cleveland	53	517,290	344,800	17,685	78,930	248,185	172,490	68,608	460	85,058
23	Columbus	27	450,630	151,640	22,020	51,895	77,725	298,990	21,683	173	40,370
24	Craven	66	615,651	422,195	68,300	91,915	261,980	193,456	25,597	671	156,380
25	Cumberland	148	1,175,126	760,963	133,391	179,095	448,477	414,163	37,448	1,542	316,880
26	Dare	8	780	580	250	155	175	200	5	6	850

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NORTH CAROLINA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
41	$29,155	.....	.....	568	$193,306	.....	.....	8	$652	8	$1,112	.....	.....	.....	.....	$515,213	$915,070	37
7	3,936	.....	.....	102	38,646	.....	.....	8	475	6	1,000	.....	.....	.....	.....	65,080	123,785	38
6	4,035	.....	.....	18	4,859	6	$970	11	550	.....	.....	1	$30	.....	.....	14,552	34,490	39
1	200	23	$8,802	1	52	33	6,230	.....	.....	.....	.....	2	196	.....	.....	34,049	64,120	40
4	2,180	.....	.....	14	4,726	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,269	31,500	41
10	7,036	.....	.....	43	20,036	.....	.....	3	276	1	100	.....	.....	.....	.....	33,130	78,414	42
19	13,376	.....	.....	310	56,303	1	15	7	278	.....	.....	.....	.....	.....	.....	402,199	529,746	43
8	3,470	.....	.....	22	6,504	.....	.....	3	293	7	1,885	.....	.....	.....	.....	13,409	32,447	44
1	70	1	346	42	10,460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,333	26,860	45
.....	.....	.....	.....	14	4,400	.....	.....	.....	.....	1	100	.....	.....	.....	.....	4,193	9,900	46
4	1,774	.....	.....	3	940	3	710	.....	.....	.....	.....	1	180	.....	.....	3,181	10,360	47
9	5,830	.....	.....	53	23,114	4	750	8	970	4	600	.....	.....	.....	.....	52,303	84,450	48
80	53,728	.....	.....	363	152,266	14	2,997	88	14,095	22	13,504	.....	.....	.....	.....	116,750	595,635	49
5	4,940	.....	.....	43	9,309	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	157,200	199,160	50
3	1,390	.....	.....	7	2,193	.....	.....	2	220	.....	.....	.....	.....	.....	.....	7,401	15,493	51
30	13,636	.....	.....	84	28,334	1	50	3	315	4	950	.....	.....	.....	.....	64,557	143,061	52
12	8,496	.....	.....	89	37,468	.....	.....	.....	.....	37	4,520	.....	.....	.....	.....	30,396	101,615	53
4	376	.....	.....	8	160	1	26	1	16	3	125	.....	.....	.....	.....	2,332	4,750	54
1	50	.....	.....	1,644	283,072	13	675	1	50	55	7,948	18	1,290	15	$603	1,018,302	1,705,833	55
8	2,730	.....	.....	200	35,694	3	137	.....	.....	62	10,522	.....	.....	.....	.....	31,777	131,055	56
22	10,943	.....	.....	65	22,302	1	300	.....	.....	.....	.....	.....	.....	.....	.....	61,826	127,021	57
162	117,102	1	500	2,208	451,813	1,198	126,375	1,092	72,647	398	101,550	307	40,721	799	49,999	1,867,400	4,783,484	58
28	20,680	.....	.....	361	111,119	18	2,852	128	13,287	193	82,308	170	36,288	30	2,120	967,502	2,551,567	59
17	11,943	.....	.....	68	9,665	60	4,264	18	1,280	10	833	2	85	.....	.....	444,500	516,750	60
3	1,380	.....	.....	3	1,320	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,208	5,900	61
25	10,411	.....	.....	141	32,512	112	17,708	29	3,193	4	375	13	1,130	.....	.....	198,358	308,946	62
61	49,237	.....	.....	529	170,965	61	10,052	50	5,138	44	7,360	10	550	50	3,000	430,177	881,310	63

oil, lubricating, 1; paints, 1; paper, 1; pipes, tobacco, 1; plumbing and gas fitting, 2; pulp, wood, 1; shirts, 1; silk and silk goods, 1; slaughtering, wholesale, not including meat packing, 1; tools, not elsewhere specified, 1; upholstery materials, 1; wood, preserving, 1; wood, turned and carved, 2; woodenware, not elsewhere specified, 1.

BY COUNTIES.

[No manufactures reported from Graham county.]

2,512	1,250,705	77	27,710	21,252	4,904,628	5,174	745,701	3,755	322,426	1,413	355,794	1,053	163,156	978	60,416	22,789,187	40,375,450	1
69	39,826	.....	.....	539	141,404	533	85,060	278	26,623	103	22,685	259	46,719	30	1,935	1,016,109	1,608,880	2
18	4,066	.....	.....	76	13,552	16	1,750	3	125	.....	.....	.....	.....	.....	.....	55,429	87,257	3
6	1,420	.....	.....	15	2,639	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,392	30,312	4
21	8,528	.....	.....	48	9,601	7	550	12	860	.....	.....	.....	.....	.....	.....	84,478	111,250	5
16	3,560	.....	.....	28	4,786	6	480	1	50	.....	.....	.....	.....	.....	.....	65,188	84,448	6
35	20,643	.....	.....	723	178,196	2	98	6	425	24	5,650	1	30	.....	.....	429,053	845,070	7
11	3,653	.....	.....	165	30,823	.....	.....	.....	.....	2	355	.....	.....	.....	.....	124,457	226,415	8
4	1,344	.....	.....	212	33,644	5	275	.....	.....	3	265	.....	.....	.....	.....	160,806	250,571	9
11	17,975	.....	.....	134	52,096	.....	.....	12	2,134	1	50	.....	.....	.....	.....	218,362	398,470	10
38	55,087	8	3,775	526	187,650	137	26,176	110	12,262	21	8,706	3	820	.....	.....	740,249	1,384,569	11
20	7,693	.....	.....	135	23,905	22	4,060	40	2,026	1	60	.....	.....	.....	.....	130,162	195,925	12
28	14,130	3	1,066	289	56,275	149	25,700	75	8,854	3	725	1	25	.....	.....	408,443	666,916	13
18	7,279	.....	.....	101	21,123	90	12,004	41	3,433	16	2,150	.....	.....	.....	.....	210,850	299,732	14
4	2,160	.....	.....	46	6,373	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,025	31,975	15
12	4,812	.....	.....	202	29,276	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60,543	130,575	16
4	1,100	.....	.....	16	2,539	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,277	26,146	17
34	17,256	.....	.....	250	57,848	117	13,945	32	5,475	1	50	.....	.....	.....	.....	377,040	602,497	18
56	17,677	1	75	198	27,788	31	4,550	18	1,500	2	300	.....	.....	.....	.....	234,824	326,097	19
12	10,064	.....	.....	169	50,228	.....	.....	12	3,000	6	1,022	.....	.....	.....	.....	159,375	312,025	20
9	3,120	.....	.....	7	1,712	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,367	27,063	21
40	18,145	.....	.....	188	40,713	114	15,864	110	9,911	8	425	.....	.....	.....	.....	411,531	635,809	22
9	6,432	.....	.....	164	33,938	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	192,223	356,191	23
62	30,270	6	2,362	529	113,521	9	1,172	32	3,370	26	6,435	7	1,250	.....	.....	388,043	653,598	24
43	24,231	4	1,426	1,016	221,170	205	28,421	138	14,476	115	23,661	20	3,400	1	95	699,777	1,299,231	25
1	800	.....	.....	5	550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,606	2,939	26

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NORTH CAROLINA—Continued.

BY COUNTIES—Continued.

	COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
27	Davidson	51	$298,079	$208,028	$21,213	$46,015	$140,809	$90,651	$15,422	328	$68,118
28	Davie	37	71,182	48,802	8,490	11,072	29,240	22,380	16,965	145	20,328
29	Duplin	51	107,661	75,012	19,743	9,734	45,535	32,649	2,478	188	24,689
30	Durham	94	1,933,223	550,135	82,460	217,645	250,030	1,383,088	595,974	1,799	469,084
31	Edgecombe	32	729,335	593,616	118,531	140,120	334,965	135,719	16,079	405	63,803
32	Forsyth	100	2,344,957	696,693	108,950	255,625	332,118	1,648,264	736,869	3,637	652,758
33	Franklin	20	47,734	42,839	11,484	12,470	18,885	4,895	1,389	45	6,399
34	Gaston	16	1,111,969	882,000	46,600	142,300	693,100	229,969	71,253	1,917	197,598
35	Gates	5	24,850	19,650	5,450	8,100	6,100	5,200	1,286	22	4,912
36	Granville	39	288,646	88,151	20,266	32,850	35,035	200,495	27,206	259	52,431
37	Greene	9	27,560	22,050	3,650	8,100	10,300	5,510	1,025	18	3,276
38	Guilford	84	821,842	483,524	74,765	118,199	290,560	338,318	77,738	1,332	347,772
39	Halifax	34	61,207	52,837	4,752	14,605	33,480	8,370	3,975	147	26,061
40	Harnett	46	90,502	80,595	16,785	10,885	52,925	9,907	1,857	201	32,592
41	Haywood	38	115,335	93,470	24,540	19,085	49,845	21,865	2,014	98	18,929
42	Henderson	22	28,886	23,370	5,640	7,005	10,725	5,516	2,424	58	10,147
43	Hertford	21	512,680	456,175	377,825	23,675	54,675	56,505	18,391	180	51,318
44	Hyde	4	123,535	195,360	75,335	7,100	22,925	18,175	1,578	76	14,887
45	Iredell	61	194,948	105,632	18,752	24,720	62,150	89,316	47,553	484	77,330
46	Jackson	17	27,943	23,056	6,385	7,485	9,186	4,887	911	47	6,428
47	Johnston	37	103,088	76,095	13,235	15,050	47,810	26,993	6,546	192	34,686
48	Jones	9	22,975	22,275	4,050	4,475	13,750	400	690	36	3,902
49	Lenoir	19	52,050	45,050	17,870	7,420	19,760	7,000	2,592	89	20,325
50	Lincoln	23	297,293	227,857	22,695	50,155	155,007	69,436	14,977	299	71,048
51	McDowell	38	70,592	48,390	17,065	13,390	17,935	22,202	12,738	93	18,945
52	Macon	18	59,380	51,550	29,450	9,950	12,150	7,830	954	39	12,050
53	Madison	14	35,873	27,921	5,825	4,895	17,201	7,952	4,775	41	9,338
54	Martin	15	164,462	125,992	35,385	9,800	80,807	38,470	6,831	229	49,932
55	Mecklenburg	96	2,087,849	1,195,715	123,875	299,878	771,962	892,134	90,896	1,483	467,642
56	Mitchell	32	134,458	90,646	10,515	19,209	60,931	43,812	2,484	102	27,315
57	Montgomery	58	212,843	154,530	61,820	31,095	61,615	58,313	6,716	439	59,199
58	Moore	103	307,688	228,745	92,119	30,655	105,971	78,943	14,903	739	138,849
59	Nash	34	69,462	54,210	16,740	11,225	26,245	15,252	2,976	114	19,328
60	New Hanover	122	1,797,667	1,100,455	174,350	269,240	656,865	697,212	106,311	1,505	552,468
61	Northampton	28	115,206	97,822	27,692	23,675	46,455	17,474	2,346	113	19,526
62	Onslow	20	46,319	28,870	2,260	6,120	20,490	17,449	1,861	86	16,081
63	Orange	27	66,114	61,954	19,594	17,570	24,790	4,160	6,864	57	8,667
64	Pamlico	13	74,200	50,755	3,005	9,200	38,550	23,445	4,422	140	27,909
65	Pasquotank	20	148,383	112,450	15,450	22,325	74,675	35,933	11,874	196	46,071
66	Pender	14	21,177	13,862	2,417	1,510	9,935	7,315	439	71	18,906
67	Perquimans	8	31,690	14,740	2,825	4,675	7,240	16,950	1,638	57	14,215
68	Person	22	106,086	69,905	19,680	23,900	25,425	37,081	2,759	51	11,260
69	Pitt	17	59,103	33,400	5,140	5,100	23,160	25,703	2,359	113	30,188
70	Polk	5	4,303	3,407	932	410	2,065	896	6,089	14	1,568
71	Randolph	94	1,152,477	868,083	70,308	192,485	605,290	284,394	48,405	1,299	263,613
72	Richmond	52	928,637	624,230	111,376	170,135	342,719	304,407	22,844	1,075	181,501
73	Robeson	137	423,254	338,665	97,275	39,970	210,420	84,589	14,696	911	159,657
74	Rockingham	48	936,650	300,755	56,435	115,250	129,070	635,895	273,532	1,129	194,255
75	Rowan	74	643,300	311,907	36,215	78,349	197,343	331,393	112,033	787	129,219
76	Rutherford	50	513,957	340,905	61,549	67,375	211,990	173,052	14,455	434	77,624
77	Sampson	93	187,990	115,698	44,680	11,565	59,453	72,292	7,005	289	37,579
78	Stanly	25	45,322	43,075	9,055	10,875	23,145	2,247	2,177	67	10,535
79	Stokes	12	44,705	32,775	6,379	8,125	18,280	11,930	1,962	65	6,403
80	Surry	68	525,387	303,262	62,782	72,725	167,755	222,125	139,300	1,158	150,585
81	Swain	12	85,625	36,380	4,925	7,850	23,605	49,245	1,231	80	17,485
82	Transylvania	13	23,965	22,250	6,725	5,575	9,950	815	442	17	2,498
83	Tyrrell	3	6,465	6,280	860	1,330	4,090	185	26	12	1,921
84	Union	14	40,780	34,300	4,950	6,575	22,775	6,480	837	67	11,081
85	Vance	65	289,498	148,610	35,385	62,585	50,640	140,798	47,636	398	66,112
86	Wake	159	875,713	633,215	114,265	179,449	348,510	242,498	73,525	1,001	315,274
87	Warren	19	32,292	28,260	10,955	5,500	11,805	4,032	1,200	44	7,789
88	Washington	13	39,970	33,895	5,995	7,650	20,250	5,265	2,615	120	29,061
89	Watauga	19	21,970	17,970	3,900	3,729	10,350	4,000	561	38	6,912
90	Wayne	45	349,699	271,645	55,940	63,365	152,340	78,054	27,203	503	133,214
91	Wilkes	38	30,067	23,680	4,620	6,815	12,245	6,387	13,576	81	13,283
92	Wilson	27	290,407	183,900	16,517	46,502	120,881	196,597	15,404	202	45,983
93	Yadkin	47	73,163	53,757	12,897	11,195	29,665	19,406	4,157	115	22,580
94	Yancey	7	9,835	8,675	2,359	2,450	3,875	1,169	283	19	3,142
95	All other counties (*a*.)	4	11,625	8,100	800	1,559	5,750	3,525	558	17	4,593

a Includes establishments distributed as follows: Cherokee, 2; Currituck, 2.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NORTH CAROLINA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
42	$19,089			168	$33,477	31	$6,629	71	$3,948	6	$1,500	5	$375	5	$100	$438,313	$598,530	27
20	6,719			69	10,006	11	626	9	291	16	1,786	20	900			76,838	125,437	28
22	4,914	1	$500	99	16,425	1	50			15	600	40	2,000	10	200	95,772	159,803	29
87	49,846	9	3,142	886	243,343	156	25,498	208	20,151	201	85,420	172	36,564	80	5,120	1,427,571	3,437,378	30
22	10,595			206	33,837	68	9,707	59	4,664			50	5,000			316,737	469,686	31
141	106,163	4	1,852	1,378	298,263	725	85,480	491	32,635	293	73,603	151	20,722	454	34,040	1,493,825	3,269,419	32
4	924			33	4,586	4	480	4	480							42,505	55,614	33
27	23,314			385	93,901	392	60,115	212	19,068	1	1,200					919,450	1,400,962	34
2	312			20	4,600											8,995	17,941	35
33	18,048			114	25,099	73	5,950	38	2,450	1	884					234,793	331,783	36
1	300			17	2,976											28,106	35,240	37
64	34,913			926	265,635	179	24,294	144	19,478	12	2,549	7	903			790,122	1,413,424	38
11	3,265			132	22,276	2	320			2	200					84,747	141,109	39
12	3,924			182	27,747	1	36			6	885					144,834	213,926	40
17	4,412			77	14,097	3	300	1	120							102,281	146,506	41
12	3,772			36	5,875					10	500					32,301	50,352	42
19	8,438			158	42,566	1	144			2	170					109,564	235,747	43
2	500			73	14,212	1	175									26,672	53,949	44
45	14,458			319	52,344	39	5,056	20	826	26	2,481	15	1,471	20	694	224,056	433,264	45
10	2,560			36	3,848					1	20					37,031	49,817	46
16	3,963			168	30,042			3	231	5	450					108,000	176,752	47
3	596			32	3,276					1	30					17,933	26,344	48
10	2,557			79	17,768											57,506	93,018	49
29	13,996			125	39,152	79	13,330	65	4,420	1	150					266,110	409,015	50
22	6,082			63	11,298					8	1,565					78,449	124,743	51
20	6,356			18	5,194					1	500					25,387	45,488	52
10	3,215			31	6,123											45,615	74,170	53
18	10,748			181	35,884	1	50	6	550	23	1,800					140,233	268,275	54
130	92,022	7	3,002	871	287,412	222	44,158	223	27,002	26	12,846	4	1,200			1,278,977	2,166,392	55
25	12,269			76	15,021					1	25					99,799	157,684	56
30	8,755			340	44,334	25	3,335	20	1,565	3	100	9	525	12	495	203,102	322,903	57
51	17,315			629	116,163	24	2,400	19	1,264	6	950	7	640	3	108	366,944	651,020	58
22	6,302			92	13,026											114,891	162,865	59
126	84,786	15	4,474	1,110	426,319	85	15,158	74	8,716	74	11,405	21	1,010			1,042,784	1,940,747	60
18	4,172			93	14,904					2	450					62,374	114,568	61
6	1,720			80	14,361											46,489	80,552	62
14	3,347			28	4,251	3	349	10	700	2	20					79,509	106,613	63
13	5,366			125	22,303					2	240					62,624	127,545	64
9	6,678			160	35,911	12	1,600	10	778	4	904	1	140			99,612	172,329	65
8	2,998			63	15,008											37,370	74,455	66
5	1,415			50	12,700					2	100					23,984	43,611	67
12	3,988			38	7,108			1	104							92,455	118,019	68
9	4,994			104	25,194											41,027	89,627	69
				14	1,568											3,922	14,814	70
84	43,114			622	135,513	372	60,746	151	12,795	56	10,645	14	800			1,008,864	1,529,827	71
39	20,869			571	95,528	239	35,660	156	15,867	36	7,562	34	6,015			455,912	733,610	72
43	20,480			819	122,401	6	1,350	4	158	38	5,238	1	30			366,852	669,096	73
45	29,612			512	111,725	262	30,677	257	13,741	25	6,300	18	1,600	10	600	628,995	1,284,085	74
48	21,173	1	416	288	53,639	129	19,375	58	2,944	30	11,326	53	13,100	180	7,240	357,401	681,145	75
25	7,293			188	40,423	56	8,337	100	9,058	20	3,405	42	8,736	3	312	307,014	467,019	76
17	3,868	1	200	237	30,878	10	600	1	75	14	1,958					216,128	294,582	77
19	5,167			47	5,318					1	50					85,482	108,376	78
5	510			43	5,443	9	300	7	100	1	50					29,234	44,509	79
59	22,010			362	67,205	268	27,357	206	9,053	30	9,700	73	6,260	160	9,000	392,260	759,298	80
11	3,590			68	13,645	1	250									49,065	85,226	81
5	1,280			9	866	2	202			1	150					18,334	23,009	82
2	566			8	835					2	520					2,136	5,450	83
9	3,068			55	7,113					3	900					33,895	57,320	84
51	17,758	1	346	230	36,843	33	3,414	42	2,405	16	2,871	19	2,085	6	390	404,800	659,136	85
94	59,192	15	4,674	663	210,582	153	23,796	43	3,660	33	13,370					463,688	1,033,703	86
7	1,705			36	6,034					1	50					15,315	30,362	87
5	1,804			107	24,657					8	2,600					32,910	85,297	88
11	3,107			23	3,555	1	125	2	100	1	25					21,608	34,724	89
34	20,365	1	400	424	105,467	13	2,290	18	1,860	9	2,660	1	100	3	72	270,691	538,400	90
12	2,635			60	10,458			8	140	1	50					36,977	73,018	91
13	7,472			126	29,081	35	5,700	27	3,380	1	350					130,301	214,854	92
33	10,071			64	12,040	4	177	7	125	1	22	5	130	1	15	79,883	125,878	93
8	1,924			11	1,218											15,112	20,333	94
3	1,195			14	3,398											27,043	41,190	95

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NORTH DAKOTA.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	382	$2,894,553	$1,643,130	$201,160	$498,520	$943,450	$1,251,423	$236,909	1,847	$1,002,881
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	77	107,211	55,530	20,185	20,050	15,295	51,681	6,173	115	59,064
3	Boots and shoes, custom work and repairing.	9	6,905	4,675	2,500	750	1,425	2,230	1,005	13	6,743
4	Bread and other bakery products	5	10,637	8,995	4,395	2,100	2,500	1,642	1,749	16	8,796
5	Brick and tile	6	30,095	16,670	5,270	5,300	6,100	13,425	1,888	80	18,495
6	Carpentering	19	53,750	9,765	1,820	4,440	3,505	43,985	3,093	148	90,779
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	8	16,880	9,955	2,250	4,950	2,755	6,925	1,016	17	9,409
8	Cheese, butter, and condensed milk, factory product.	10	38,490	27,245	2,695	13,200	11,350	11,245	2,227	26	7,413
9	Clothing, men's, custom work and repairing.	7	19,110	1,450	.....	.....	1,450	17,660	3,506	40	27,298
10	Clothing, women's, dressmaking	6	1,815	1,065	250	400	415	750	1,130	29	7,329
11	Dentistry, mechanical	3	1,475	625	.....	.....	625	850	458	5	2,540
12	Flouring and grist mill products	35	1,154,040	564,245	35,770	200,175	328,300	589,795	82,509	275	151,650
13	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	5	43,100	25,000	5,700	6,800	12,500	18,100	3,955	37	25,960
14	Furniture, cabinetmaking, repairing and upholstering.	4	9,825	6,250	2,000	3,500	750	3,575	924	9	4,848
15	Lumber and other mill products from logs or bolts.	5	118,830	66,420	17,920	8,450	40,050	52,410	3,745	138	25,810
16	Millinery, custom work	8	25,355	5,805	1,600	3,900	305	19,550	2,753	31	7,427
17	Monuments and tombstones. (See also Marble and stone work.)	3	9,200	1,400	450	500	450	7,800	1,876	9	4,200
18	Photography	6	21,300	19,950	7,200	9,300	3,450	1,350	1,635	11	7,096
19	Plumbing and gas fitting	4	24,440	3,040	.....	.....	3,040	21,400	2,903	38	28,662
20	Printing and publishing, newspapers and periodicals.	78	491,274	351,880	22,825	72,675	256,380	139,394	59,106	337	203,352
21	Saddlery and harness	18	54,855	8,805	1,900	3,580	3,325	46,050	5,018	51	28,049
22	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	10	50,350	14,350	1,200	4,000	9,150	36,000	5,939	32	20,662
23	Tobacco, cigars and cigarettes	14	44,543	8,355	1,650	3,900	2,805	36,188	11,819	68	41,104
24	Watch, clock, and jewelry repairing	12	7,240	2,950	.....	.....	2,950	4,290	2,719	17	12,432
25	All other industries (a)	30	553,833	428,705	63,580	130,550	234,575	125,128	29,763	305	203,763

a Embraces awnings, tents, and sails, 1; brooms and brushes, 2; cars and general shop construction and repairs by steam railroad companies, 2; coffins and burial cases, trimming and finishing, 1; confectionery, 2; druggists' preparations, not including prescriptions, 1; gas, illuminating and heating, 2; ironwork, architectural and ornamental, 1; liquors, malt, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; lumber, planing mill products, including sash,

BY COUNTIES.

[No manufactures reported from the following counties: Alred, Billings, Bowman, Buford, Church, Dunn, Flannery,

1	The State	382	2,894,553	1,643,130	201,160	498,520	943,450	1,251,423	236,909	1,847	1,002,881
2	Barnes	7	27,614	20,790	450	5,665	14,675	6,824	1,729	18	6,674
3	Benson	4	1,485	735	35	155	545	750	394	5	2,150
4	Bottineau	4	10,205	7,425	575	2,700	4,150	2,780	1,599	8	4,780
5	Burleigh	13	179,725	74,700	2,450	32,050	40,200	105,025	9,601	97	47,853
6	Cass	56	463,400	309,728	40,810	98,560	170,358	153,672	42,885	346	234,113
7	Dickey	15	116,020	67,125	4,240	16,500	46,385	48,895	6,228	50	27,475
8	Eddy	3	12,425	8,775	475	2,700	5,600	3,650	717	10	2,776
9	Foster	4	5,910	1,575	450	400	725	4,335	350	6	2,848
10	Grand Forks	106	660,678	376,888	72,335	80,000	224,553	283,790	81,793	707	370,349
11	Griggs	6	11,326	7,965	730	2,935	4,300	3,361	1,321	8	2,359
12	Kidder	5	6,280	3,085	285	1,075	1,725	3,195	801	8	3,926
13	Lamoure	3	34,300	32,200	1,450	11,750	19,000	2,100	1,387	9	1,608
14	Morton	14	334,496	152,750	22,520	70,805	59,425	181,746	14,051	121	74,751
15	Nelson	5	14,060	7,135	235	1,050	5,750	6,925	1,193	7	3,051
16	Pembina	10	64,267	44,820	10,945	8,900	24,975	19,447	3,330	37	12,370

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NORTH DAKOTA.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
329	$237,181	19	$6,568	1,331	$688,515	83	$22,155	16	$2,758	67	$44,664	2	$1,040	.....	.....	$3,087,161	$5,028,107	1
63	34,222	.....	.....	52	24,842	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,297	131,250	2
5	3,342	.....	.....	7	2,801	.....	.....	.....	.....	1	600	.....	.....	.....	.....	4,293	15,072	3
4	3,060	1	208	10	5,288	1	240	.....	.....	.....	.....	.....	.....	.....	.....	16,091	34,415	4
2	950	.....	.....	78	17,545	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,595	45,775	5
16	13,402	.....	.....	132	77,377	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	167,112	291,903	6
4	2,700	.....	.....	13	6,709	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,066	23,125	7
1	600	.....	.....	24	6,763	.....	.....	.....	.....	1	50	.....	.....	.....	.....	67,528	85,140	8
9	7,115	.....	.....	16	10,666	2	885	.....	.....	11	7,592	2	1,040	.....	.....	27,210	68,650	9
1	585	4	1,326	1	250	23	5,168	.....	.....	.....	.....	.....	.....	.....	.....	4,858	15,517	10
3	1,840	.....	.....	2	700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,205	5,000	11
55	43,602	.....	.....	218	107,661	.....	.....	2	387	.....	.....	.....	.....	.....	.....	2,152,006	2,624,198	12
5	5,856	.....	.....	32	20,104	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,755	70,150	13
1	210	.....	.....	8	4,608	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,400	13,300	14
3	3,300	.....	.....	135	22,510	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36,045	76,173	15
.....	.....	9	3,128	.....	.....	22	4,299	.....	.....	.....	.....	.....	.....	.....	.....	23,455	46,575	16
3	1,700	.....	.....	4	2,300	.....	.....	.....	.....	2	200	.....	.....	.....	.....	5,045	14,400	17
3	2,420	.....	.....	8	4,676	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,855	19,420	18
6	6,388	.....	.....	32	22,274	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,242	87,758	19
60	49,489	4	1,836	190	110,488	31	10,614	13	2,221	39	28,704	.....	.....	.....	.....	112,769	503,782	20
16	9,622	.....	.....	35	18,427	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53,770	109,196	21
9	5,902	.....	.....	23	14,760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31,086	72,700	22
15	11,186	.....	.....	43	24,645	3	699	1	150	6	4,424	.....	.....	.....	.....	54,399	126,902	23
6	3,256	.....	.....	11	9,176	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,231	25,200	24
39	26,404	1	70	257	173,945	1	250	.....	.....	7	3,094	.....	.....	.....	.....	195,848	522,506	25

doors, and blinds, 1; marble and stone work, 1; masonry, brick and stone, 2; mineral and soda waters, 2; painting and paper hanging, 4; patent medicines and compounds, 2; plastering and stuccowork, 1; roofing and roofing materials, 1; taxidermy, 1.

BY COUNTIES.

Garfield, Hettinger, McHenry, McKenzie, Mountrailla, Oliver, Renville, Sheridan, Stevens, Wallace, Wells, and Williams.]

329	237,181	19	6,568	1,331	688,515	83	22,155	16	2,758	67	44,664	2	1,040	.....	.....	3,087,161	5,028,107	1
5	2,840	.....	.....	13	3,834	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,491	84,245	2
4	1,550	.....	.....	1	600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,101	4,800	3
3	2,780	.....	.....	5	2,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,255	27,000	4
10	6,959	3	780	53	23,564	12	2,200	4	850	15	13,500	.....	.....	.....	.....	128,173	224,081	5
65	54,338	2	936	241	157,868	12	4,859	7	1,398	19	14,714	.....	.....	.....	.....	628,874	1,030,411	6
14	9,140	.....	.....	35	18,125	.....	.....	.....	.....	1	210	.....	.....	.....	.....	87,937	137,368	7
1	340	.....	.....	9	2,436	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23,412	32,000	8
3	1,873	.....	.....	2	610	1	365	.....	.....	.....	.....	.....	.....	.....	.....	3,035	8,225	9
81	63,112	9	3,182	559	280,388	40	10,911	.....	.....	16	11,716	2	1,040	.....	.....	682,469	1,382,221	10
4	1,324	.....	.....	4	1,035	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,686	15,040	11
4	2,320	.....	.....	3	1,306	.....	.....	.....	.....	1	300	.....	.....	.....	.....	1,792	8,430	12
1	230	.....	.....	7	1,222	.....	.....	1	156	.....	.....	.....	.....	.....	.....	32,075	38,825	13
10	9,140	.....	.....	97	61,492	5	1,170	1	75	8	2,874	.....	.....	.....	.....	172,578	305,120	14
2	780	.....	.....	5	2,271	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,534	15,800	15
6	2,865	.....	.....	28	8,866	2	564	1	75	.....	.....	.....	.....	.....	.....	14,756	37,971	16

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

NORTH DAKOTA—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
17	Ramsey	23	$60,226	$43,595	$4,890	$12,050	$26,655	$16,631	$6,236	57	$23,247
18	Ransom	17	113,845	73,100	14,500	24,950	33,650	40,745	5,785	40	24,204
19	Richland	17	76,521	51,024	5,225	14,475	31,324	25,497	6,019	57	26,362
20	Rolette	3	7,385	5,800	1,250	2,350	2,200	1,585	698	5	2,194
21	Sargent	5	8,904	3,910	260	1,400	2,250	4,994	438	10	3,270
22	Stark	3	15,025	12,400	700	3,400	8,300	2,625	901	10	2,926
23	Steele	3	9,582	5,920	20	900	5,000	3,662	1,522	7	2,235
24	Stutsman	11	108,305	68,480	6,800	21,300	40,380	39,825	15,834	38	24,105
25	Traill	16	174,580	105,900	3,900	30,350	71,650	68,680	15,137	85	40,358
26	Walsh	10	340,609	127,750	3,325	42,325	82,100	212,859	13,781	78	47,329
27	All other counties (*a*)	13	37,380	29,555	2,205	9,175	18,175	7,825	3,179	23	9,568

a Includes establishments distributed as follows: Cavalier, 2; Emmons, 1; Logan, 1; McIntosh, 2; McLean, 1; Mercer, 1; Pierce, 1; Towner, 2; Ward, 2.

OHIO.

BY SPECIFIED INDUSTRIES.

1	All industries	28,673	402,793,019	182,623,997	38,125,149	58,206,728	86,292,120	220,169,022	45,062,325	331,548	158,768,883
2	Agricultural implements	106	29,399,930	7,161,247	1,012,479	3,887,793	2,260,975	22,238,683	2,008,481	8,326	4,052,712
3	Ammunition	4	166,300	75,100	12,200	7,000	55,900	91,200	6,660	49	22,991
4	Artificial feathers and flowers. (See also Millinery and lace goods.)	4	1,245	575	.....	.....	575	670	860	14	3,620
5	Artificial limbs. (See also Surgical appliances.)	5	21,750	4,600	.....	.....	4,600	17,150	6,533	26	21,926
6	Awnings, tents, and sails	33	143,971	36,975	10,860	12,800	13,315	106,996	18,080	299	126,537
7	Axle grease	3	13,775	600	.....	.....	600	13,175	1,202	14	8,074
8	Bags, other than paper	5	118,250	33,150	.....	.....	33,150	85,100	7,721	131	58,660
9	Bags, paper	8	346,766	125,166	6,000	14,000	105,166	221,600	68,158	254	112,435
10	Baking and yeast powders	18	171,470	25,427	1,900	2,950	20,577	146,052	52,238	171	84,518
11	Baskets and rattan and willow ware	36	77,428	43,438	10,218	18,050	15,170	33,990	10,984	181	59,782
12	Bells. (See also Foundry and machine shop products.)	4	123,125	41,340	9,300	16,500	15,540	81,785	7,207	149	85,475
13	Belting and hose, leather	4	190,365	38,960	.....	10,000	28,960	151,405	12,470	74	51,392
14	Bicycle and tricycle repairing	4	2,480	1,225	.....	.....	1,225	1,255	873	9	3,736
15	Billiard tables and materials	6	134,115	7,210	.....	.....	7,210	126,905	9,929	213	212,102
16	Blacking. (See also Cleansing and polishing preparations.)	3	2,055	530	.....	.....	530	1,525	1,422	11	4,074
17	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	2,231	1,940,838	1,239,347	486,829	441,961	310,557	701,491	149,636	3,654	1,775,965
18	Bluing	3	1,800	1,135	950	150	35	665	471	6	2,610
19	Bookbinding and blank-book making. (See also Printing and publishing.)	50	291,845	131,100	13,500	14,300	103,300	160,745	27,887	465	199,573
20	Boot and shoe uppers	19	60,770	17,880	6,900	4,800	6,180	42,890	8,998	115	60,651
21	Boots and shoes, custom work and repairing.	1,736	1,268,805	850,979	324,715	395,005	131,259	417,826	203,929	2,732	1,242,025
22	Boots and shoes, factory product	63	3,176,318	921,706	156,850	213,100	551,756	2,254,612	257,369	5,991	2,573,080
23	Bottling. (See also Liquors, malt; Mineral and soda waters.)	54	289,598	88,690	34,760	26,800	27,040	200,998	38,614	204	120,324
24	Boxes, cigar	25	332,479	160,021	72,500	45,200	42,321	172,458	12,559	416	149,273
25	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	25	374,580	143,005	15,600	16,050	111,355	231,575	23,803	816	227,696
26	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	34	560,259	239,139	52,320	74,025	112,794	321,120	51,594	682	299,750
27	Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	50	1,330,860	562,163	71,350	83,455	407,358	768,697	93,189	1,308	708,251
28	Brassware	3	33,575	23,300	6,300	3,500	13,500	10,275	2,371	37	18,228
29	Bread and other bakery products	790	3,015,950	2,151,177	712,024	887,815	551,338	864,773	482,632	3,642	1,757,192
30	Brick and tile. (See also Clay and pottery products.)	875	6,212,838	3,960,003	1,294,326	1,200,048	1,465,620	2,252,835	368,908	9,301	2,649,165
31	Bridges	15	1,799,596	653,750	94,782	120,381	338,587	1,245,846	75,304	949	608,219
32	Brooms and brushes	107	662,181	291,015	27,167	66,248	197,600	461,166	104,374	1,486	441,247
33	Carpentering	1,602	4,933,282	1,752,242	589,700	720,165	442,377	3,181,040	954,193	10,251	6,379,154
34	Carpets, rag	140	93,527	68,664	28,420	20,425	19,819	24,863	11,070	223	84,178
35	Carriage and wagon materials	99	3,350,304	1,412,551	267,064	402,822	742,665	1,937,753	215,794	2,912	1,305,974
36	Carriages and sleds, children's	4	730,574	345,580	61,750	150,250	133,580	384,994	44,562	490	207,083

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

NORTH DAKOTA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
18	$9,832	2	$270	34	$12,497	3	$648	.....	.....	.....	.....	.....	.....	.....	.....	$34,577	$73,060	17
18	12,686	.....	.....	22	11,518	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	107,132	154,872	18
17	11,309	2	900	33	13,440	4	663	.....	.....	1	$50	.....	.....	.....	.....	95,741	153,845	19
1	624	.....	.....	3	1,370	1	200	.....	.....	.....	.....	.....	.....	.....	.....	1,281	6,000	20
4	2,320	.....	.....	3	700	.....	.....	1	$100	2	150	.....	.....	.....	.....	2,374	8,846	21
2	1,500	1	500	7	926	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,075	12,315	22
.....	.....	.....	.....	6	2,185	.....	.....	.....	.....	1	50	.....	.....	.....	.....	4,074	9,999	23
8	7,404	.....	.....	29	16,601	1	100	.....	.....	.....	.....	.....	.....	.....	.....	188,398	243,750	24
24	16,298	.....	.....	58	22,960	.....	.....	.....	.....	3	1,100	.....	.....	.....	.....	328,604	412,388	25
14	10,294	.....	.....	62	36,560	2	475	.....	.....	.....	.....	.....	.....	.....	.....	423,918	536,466	26
10	5,323	.....	.....	12	4,141	.....	.....	1	104	.....	.....	.....	.....	.....	.....	40,819	64,438	27

OHIO.

BY SPECIFIED INDUSTRIES.

33,852	28,311,557	4,714	2,009,527	209,451	102,397,767	24,943	5,749,750	5,406	836,088	35,449	15,761,149	16,588	$3,536,747	1,145	$166,298	341,016,464	641,688,064	1
572	658,947	53	25,290	6,413	2,702,755	8	1,900	7	968	1,269	662,002	.....	.....	4	850	5,654,360	14,333,258	2
8	7,750	1	750	29	12,275	11	2,216	.....	.....	.....	.....	.....	.....	.....	.....	341,839	439,500	3
1	624	3	730	.....	.....	10	2,266	.....	.....	.....	.....	.....	.....	.....	.....	1,485	6,700	4
9	10,840	1	450	14	10,312	.....	.....	2	324	.....	.....	.....	.....	.....	.....	8,050	64,000	5
52	40,983	.....	.....	110	57,681	124	25,827	4	546	1	100	8	1,400	.....	.....	235,700	464,479	6
6	4,850	.....	.....	7	2,964	1	260	.....	.....	.....	.....	.....	.....	.....	.....	46,935	70,800	7
12	13,780	.....	.....	58	27,565	19	5,300	.....	.....	6	4,500	36	7,515	.....	.....	327,115	531,000	8
32	43,170	5	2,380	83	36,409	112	27,074	3	390	.....	.....	19	3,012	.....	.....	727,678	1,047,764	9
44	37,810	12	2,779	71	35,474	43	8,305	1	150	.....	.....	.....	.....	.....	.....	172,748	433,510	10
37	20,342	.....	.....	89	28,476	5	668	12	1,712	38	8,584	.....	.....	.....	.....	92,095	191,987	11
11	7,365	3	992	77	36,018	.....	.....	.....	.....	58	41,100	.....	.....	.....	.....	131,509	249,527	12
19	22,004	1	470	54	28,918	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	237,345	370,000	13
5	1,656	.....	.....	4	2,080	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,710	8,400	14
19	21,640	1	400	133	97,062	.....	.....	.....	.....	60	93,000	.....	.....	.....	.....	95,940	418,625	15
3	1,980	.....	.....	4	1,626	3	390	1	78	.....	.....	.....	.....	.....	.....	1,932	13,600	16
2,031	1,043,191	2	1,000	1,558	713,534	.....	.....	14	2,582	48	15,508	.....	.....	1	150	911,703	3,510,858	17
3	1,674	.....	.....	.....	.....	3	936	.....	.....	.....	.....	.....	.....	.....	.....	1,038	4,800	18
72	59,189	3	956	202	97,340	127	30,710	34	4,885	3	764	24	5,729	.....	.....	208,341	565,018	19
25	21,339	1	624	49	25,818	29	8,925	1	130	5	2,400	5	1,415	.....	.....	64,942	165,575	20
1,492	738,311	10	3,408	791	329,825	13	2,997	8	1,220	416	165,392	2	872	.....	.....	786,750	2,691,016	21
225	260,157	23	9,530	2,689	1,207,677	1,483	443,983	58	7,063	834	449,722	666	193,323	13	1,625	4,480,208	8,489,728	22
87	62,718	.....	.....	110	56,058	3	780	4	768	.....	.....	.....	.....	.....	.....	381,751	705,723	23
29	19,748	2	800	132	62,271	67	20,444	31	5,378	51	18,075	104	22,557	.....	.....	278,240	578,554	24
37	39,490	3	928	98	45,631	628	112,521	23	3,298	23	3,900	101	21,460	3	468	316,877	711,187	25
44	38,599	.....	.....	600	221,329	58	11,091	17	1,947	42	25,584	1	200	20	1,000	704,906	1,250,207	26
97	101,982	4	1,624	1,060	545,971	14	3,864	27	4,170	103	48,100	3	540	.....	.....	751,899	1,888,000	27
5	4,280	.....	.....	32	13,948	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,810	55,400	28
864	585,260	148	47,996	2,144	1,024,766	434	87,638	36	5,448	16	6,084	.....	.....	.....	.....	4,180,736	7,869,466	29
639	327,618	5	2,140	7,606	2,107,744	8	513	332	30,673	662	173,463	.....	.....	49	7,014	1,022,930	5,813,437	30
65	92,640	.....	.....	766	442,281	.....	.....	.....	.....	118	73,298	.....	.....	.....	.....	1,179,989	2,069,711	31
131	104,578	4	2,100	440	195,098	85	15,185	30	5,606	567	101,024	65	6,980	164	10,676	665,509	1,413,432	32
1,595	1,295,334	2	950	8,531	5,048,486	.....	.....	16	3,234	107	31,150	.....	.....	.....	.....	10,881,887	21,514,294	33
104	46,596	36	12,225	39	14,319	13	3,469	6	447	24	7,072	1	50	.....	.....	81,255	202,262	34
203	185,795	12	4,817	2,162	903,529	115	38,115	53	9,063	355	162,288	5	1,375	7	992	1,745,062	4,310,607	35
10	8,610	.....	.....	355	176,832	36	10,757	.....	.....	17	7,959	12	2,925	.....	.....	271,539	558,500	36

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

OHIO—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
37	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	709	$13,952,571	$4,104,564	$1,222,500	$1,934,022	$948,042	$9,848,007	$1,060,056	10,504	$5,427,504
38	Cars and general shop construction and repairs by steam railroad companies.	64	3,907,278	2,424,893	375,595	1,301,424	747,874	1,482,385	.....	7,547	4,076,472
39	Cars and general shop construction and repairs by street railroad companies.	5	60,970	43,300	18,400	10,600	14,300	17,670	2,250	173	120,746
40	Cars, steam railroad, not including operations of railroad companies.	5	2,843,166	1,096,816	204,500	569,100	323,216	1,746,350	92,007	2,161	1,030,785
41	Cheese and butter, urban dairy product.	31	110,975	107,870	76,600	22,600	8,670	3,105	4,291	74	28,029
42	Cheese, butter, and condensed milk, factory product.	336	819,720	568,890	48,078	279,159	241,653	250,830	41,223	890	264,629
43	Chemicals. (See also Fertilizers; Gunpowder; High explosives; Paints; Varnish.)	39	2,040,641	1,164,959	176,612	618,850	369,497	875,682	165,586	562	355,618
44	China, decorating	5	9,720	8,835	3,000	5,500	335	885	999	5	4,457
45	Clay and pottery products. (See also Brick and tile.)	125	5,927,139	3,673,765	865,677	1,720,110	1,087,978	2,253,374	459,333	4,873	2,312,510
46	Cloth, sponging and refinishing	3	4,000	1,700	.....	.....	1,700	2,300	1,555	26	13,494
47	Clothing, men's, custom work and repairing.	1,179	4,373,948	1,005,568	419,205	422,745	163,618	3,368,380	530,138	3,152	4,008,145
48	Clothing, men's, factory product	508	13,106,296	794,110	286,075	346,500	161,535	12,312,186	1,034,007	16,357	4,723,120
49	Clothing, men's, factory product, buttonholes.	13	12,110	10,700	2,600	4,500	3,600	1,410	1,904	64	16,692
50	Clothing, women's, dressmaking	2,218	943,341	546,987	157,020	228,705	161,172	396,354	263,200	6,025	1,791,356
51	Clothing, women's, factory product	31	2,056,455	389,605	167,300	170,500	51,805	1,666,850	119,790	2,636	1,042,307
52	Coffee and spice, roasting and grinding.	32	1,417,728	225,396	41,460	42,850	141,086	1,192,332	77,913	608	333,209
53	Coffins and burial cases, trimming and finishing.	80	332,665	205,265	91,485	76,975	36,805	127,400	23,179	156	94,086
54	Coffins, burial cases, and undertakers' goods.	15	2,025,393	865,898	252,200	398,701	214,997	1,159,495	95,958	1,099	566,285
55	Coke	13	320,215	306,846	14,800	134,516	157,530	13,369	6,441	143	65,388
56	Confectionery	292	1,112,639	452,369	134,012	133,801	184,556	660,270	249,106	1,861	672,142
57	Cooperage	272	1,259,977	635,134	235,365	197,185	202,584	624,843	73,296	2,435	1,064,726
58	Cordage and twine	13	1,662,150	1,021,163	120,700	252,196	648,267	640,987	109,468	953	329,751
59	Corsets	7	11,506	4,725	500	1,000	3,225	6,781	1,776	55	17,940
60	Cotton goods (See also Hosiery and knit goods.)	7	1,213,217	530,394	70,420	283,244	176,730	682,823	106,399	584	193 757
61	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	34	1,734,682	688,699	107,970	211,650	369,079	1,045,983	84,442	1,162	532,307
62	Dentistry, mechanical	231	250,220	150,552	32,400	37,650	80,502	99,668	50,254	319	214,168
63	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	29	45,835	11,420	3,300	4,000	4,120	34,415	11,292	60	24,491
64	Dyeing and cleaning	84	147,439	116,997	45,150	36,225	35,622	30,442	81,670	343	159,450
65	Electrical apparatus and supplies	11	694,255	383,991	50,000	40,000	293,991	310,264	38,526	393	261,324
66	Electroplating	25	80,150	43,960	600	1,200	42,160	36,190	13,517	215	101,592
67	Enameled goods	4	116,873	26,632	.....	.....	26,632	90,241	9,300	85	44,210
68	Engraving and diesinking	15	44,675	27,775	.....	2,000	25,775	16,900	8,214	120	65,409
69	Engraving, wood	32	80,492	31,915	.....	.....	31,915	48,577	13,773	179	114,610
70	Fancy articles, not elsewhere specified.	20	15,800	7,910	1,400	2,250	4,260	7,890	5,251	57	21,932
71	Felt goods. (See also Woolen goods.)	4	520,298	248,432	25,320	71,642	151,470	271,866	28,191	183	92,161
72	Fertilizers. (See also Chemicals.)	22	1,182,510	464,650	105,302	183,196	176,152	717,860	73,413	381	191,029
73	Files. (See also Cutlery and edge tools.)	10	18,991	8,800	.....	.....	8,800	10,191	2,420	71	34,540
74	Fish, canning and preserving. (See also Food preparations.)	5	18,404	4,425	300	1,125	3,000	13,979	1,364	23	9,190
75	Flavoring extracts	15	69,190	12,955	3,500	1,800	7,655	56,235	11,173	76	41,958
76	Flouring and grist mill products	910	13,472,455	9,219,621	1,077,565	2,779,612	5,362,444	4,252,834	908,517	4,296	2,008,630
77	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving.)	35	384,145	179,510	49,925	52,900	76,685	204,635	38,945	326	120,227
78	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	600	32,589,798	14,653,743	2,723,049	4,543,521	7,387,173	17,936,055	2,633,738	26,628	15,053,449
79	Foundry supplies	5	246,605	110,000	32,000	40,500	37,500	136,605	31,425	79	54,431
80	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	38	505,654	226,680	33,505	110,100	83,075	278,974	36,771	2,237	202,787
81	Fur goods. (See also Hats and caps, not including wool hats.)	11	407,055	18,680	.....	.....	18,680	388,375	33,444	282	142,848

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

OHIO—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
962	$897,540	49	$20,004	7,511	$3,591,449	162	$46,308	120	$23,798	1,650	$832,897	40	$14,158	10	$1,350	$9,432,677	$18,777,866	37
145	105,995	5	1,680	6,570	3,453,668	18	5,796	3	696	806	508,737	.....	.....	.....	.....	3,930,052	8,096,905	38
3	3,600	.....	.....	170	117,146	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46,053	189,720	39
21	38,890	.....	.....	1,305	590,605	9	1,870	12	2,030	814	397,390	.....	.....	.....	.....	2,817,578	4,784,135	40
29	16,405	3	1,300	28	7,178	14	3,146	.....	.....	.....	.....	.....	.....	.....	.....	23,766	59,695	41
114	35,751	2	530	745	221,546	18	2,292	4	310	7	4,200	.....	.....	.....	.....	2,481,872	3,001,606	42
94	119,278	5	2,076	394	216,539	57	15,368	9	1,720	1	325	2	312	.....	.....	1,039,963	1,991,875	43
2	1,377	3	3,080	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,365	8,670	44
254	250,902	13	5,906	2,835	1,301,373	436	98,319	78	13,756	1,030	576,334	170	50,142	57	15,778	1,313,230	5,047,501	45
5	4,374	1	364	19	8,548	.....	.....	1	208	.....	.....	.....	.....	.....	.....	380	20,050	46
1,134	910,912	159	63,873	1,509	934,920	1,037	239,114	29	4,540	2,860	1,437,730	1,415	365,343	9	1,703	4,259,432	10,641,375	47
886	1,039,630	261	115,752	1,290	871,865	2,223	511,595	28	3,940	5,400	1,101,804	6,236	1,068,064	33	10,470	9,936,196	20,604,134	48
11	6,119	3	985	9	837	32	7,051	4	550	2	400	3	700	.....	.....	2,613	27,635	49
22	20,210	2,161	954,264	19	10,878	3,641	767,489	46	5,173	60	15,300	76	18,042	.....	.....	1,891,403	4,686,916	50
78	125,012	12	6,124	614	328,571	716	245,988	10	1,000	136	79,800	1,070	255,812	.....	.....	2,282,025	4,352,098	51
116	120,312	4	1,664	350	171,858	63	15,470	16	2,840	6	3,145	53	17,920	.....	.....	6,540,452	7,806,763	52
83	54,637	1	300	66	38,087	3	762	.....	.....	2	150	1	150	.....	.....	190,030	392,645	53
77	90,653	5	3,140	602	310,494	91	28,076	13	2,760	221	113,640	87	16,847	3	675	887,891	1,896,780	54
3	1,664	.....	.....	94	41,788	.....	.....	.....	.....	46	21,936	.....	.....	.....	.....	125,565	219,560	55
343	216,409	146	50,632	511	229,911	405	80,549	85	9,663	68	22,434	303	62,544	.....	.....	1,850,308	3,345,627	56
210	154,705	1	520	1,388	578,714	.....	.....	64	11,555	790	318,842	1	190	1	200	1,820,642	3,405,157	57
47	74,114	2	920	536	185,905	322	60,692	38	5,000	8	3,120	.....	.....	.....	.....	1,765,890	2,873,106	58
4	2,320	3	1,850	3	1,940	33	8,430	1	260	11	3,140	.....	.....	.....	.....	15,136	39,800	59
29	31,544	1	600	235	108,523	312	52,518	7	572	.....	.....	.....	.....	.....	.....	903,446	1,468,204	60
82	91,586	1	350	699	307,316	13	3,175	17	2,300	346	126,580	4	1,000	.....	.....	457,688	1,293,899	61
239	174,432	1	260	58	34,314	9	1,866	6	686	6	2,610	.....	.....	.....	.....	99,060	453,410	62
20	12,798	.....	.....	35	10,918	5	775	.....	.....	.....	.....	.....	.....	.....	.....	22,585	81,518	63
75	52,348	27	13,407	112	53,244	92	23,802	5	624	23	14,100	9	1,925	.....	.....	50,149	301,601	64
38	45,302	7	3,760	344	210,730	1	416	1	156	2	960	.....	.....	.....	.....	144,354	604,780	65
31	25,709	1	400	132	58,990	3	1,016	38	9,777	10	5,700	.....	.....	.....	.....	40,186	195,041	66
7	12,513	.....	.....	70	29,437	8	2,260	.....	.....	.....	.....	.....	.....	.....	.....	62,319	176,063	67
26	23,592	.....	.....	87	38,915	1	416	2	306	4	2,180	.....	.....	.....	.....	47,248	145,930	68
39	43,441	1	520	112	62,200	1	250	17	2,079	9	6,120	.....	.....	.....	.....	25,364	203,090	69
10	7,898	11	4,728	4	1,716	16	4,394	2	312	2	600	7	1,784	5	500	16,151	53,605	70
16	21,500	.....	.....	108	57,354	39	9,907	13	2,200	.....	.....	7	1,200	.....	.....	209,497	406,700	71
53	40,427	.....	.....	323	148,007	.....	.....	1	95	4	2,500	.....	.....	.....	.....	840,787	1,287,101	72
11	6,720	.....	.....	37	17,794	.....	.....	2	350	21	9,676	.....	.....	.....	.....	8,236	55,847	73
6	3,910	.....	.....	6	3,500	3	680	8	1,100	.....	.....	.....	.....	.....	.....	21,388	42,759	74
26	22,710	3	788	26	13,516	19	4,614	1	130	1	200	.....	.....	.....	.....	101,676	194,900	75
964	610,195	21	8,728	3,123	1,332,902	93	23,810	6	604	90	32,391	.....	.....	.....	.....	33,418,856	39,468,409	76
54	42,964	2	800	139	53,796	75	15,134	8	733	24	3,440	24	3,360	.....	.....	613,134	1,029,842	77
1,760	1,970,442	73	32,038	21,544	11,376,013	127	28,391	149	29,580	2,954	1,612,321	21	4,664	.....	.....	19,332,307	43,617,072	78
16	20,955	.....	.....	63	33,476	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	128,360	263,000	79
57	25,665	3	606	829	79,095	706	63,070	108	2,671	182	12,096	232	13,149	120	6,435	506,809	928,213	80
36	44,280	17	7,566	57	31,142	03	28,755	3	585	.....	.....	76	30,520	.....	.....	468,865	757,784	81

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY OHIO—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
82	Furnishing goods, men's. (See also Shirts.)	62	$529,453	$48,928	$8,000	$8,700	$32,228	$480,525	$67,082	1,260	$388,267
83	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	252	580,916	186,190	64,695	69,560	51,935	394,726	80,699	839	444,249
84	Furniture, chairs	35	889,173	330,361	79,000	145,775	105,586	558,812	63,612	1,225	459,379
85	Furniture, factory product	180	7,255,804	2,779,630	857,407	1,055,157	867,066	4,476,174	503,201	6,408	3,154,669
86	Gas and lamp fixtures. (See also Lamps and reflectors.)	4	145,700	53,000	2,000	500	50,500	92,700	11,107	133	78,149
87	Gas, illuminating and heating	61	8,900,934	8,532,667	1,430,295	1,013,069	6,089,303	368,267	110,222	935	481,974
88	Gas machines and meters	3	14,225	1,750	500	500	750	12,475	1,826	21	13,040
89	Gas stoves	5	487,300	230,800	20,800	69,000	141,000	256,500	26,080	513	301,421
90	Glass	59	4,094,677	2,267,212	281,522	1,369,696	615,994	1,827,465	294,744	6,651	3,131,578
91	Glass, cutting, staining, and ornamenting.	16	85,355	19,375	7,500	2,000	9,875	65,980	9,746	118	71,378
92	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	3	7,885	2,510	50	300	2,160	5,375	1,259	24	6,558
93	Glue	5	226,192	124,400	45,300	42,500	36,600	101,792	20,160	86	30,392
94	Grease and tallow. (See also Axle grease; Soap and candles.)	12	117,825	68,400	30,000	11,800	26,600	49,425	10,663	81	45,730
95	Grindstones	6	27,750	16,500	3,000	1,500	12,000	11,250	1,622	68	25,340
96	Gunpowder. (See also Ammunition; High explosives.)	5	1,709,000	908,724	128,000	314,724	466,000	800,276	270,187	279	191,920
97	Hairwork	38	73,277	31,300	15,000	12,000	4,300	41,977	16,427	145	61,570
98	Hand stamps	22	36,715	24,075	.....	.....	24,075	12,640	7,567	76	43,474
99	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	26	837,727	431,255	33,540	122,881	274,834	406,472	51,058	802	329,845
100	Hardware, saddlery	8	622,200	188,230	17,150	46,167	124,913	433,970	39,477	613	234,552
101	Hats and caps, not including wool hats. (See also Fur goods; Straw goods, not elsewhere specified.)	27	160,825	39,575	.....	.....	39,575	121,250	17,130	405	151,175
102	Hay and straw, baling	7	83,165	42,953	5,350	26,031	11,572	40,212	2,703	321	21,139
103	High explosives. (See also Ammunition; Gunpowder.)	3	108,300	28,250	9,000	16,150	3,100	80,050	2,933	58	40,531
104	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	44	1,071,007	383,510	81,950	91,400	210,160	687,497	68,991	1,898	466,630
105	House furnishing goods, not elsewhere specified.	12	82,978	42,450	7,500	15,000	19,950	40,528	7,537	118	47,386
106	Ice, artificial	10	421,095	394,330	79,290	60,650	254,390	26,765	28,346	364	102,954
107	Ink, printing	3	207,400	40,000	.....	.....	40,000	167,400	57,622	101	75,133
108	Ink, writing	3	9,500	1,150	.....	.....	1,150	8,350	1,916	13	9,396
109	Instruments, professional and scientific	11	46,155	13,910	350	300	13,260	32,245	3,973	39	28,203
110	Iron and steel	93	31,865,847	17,045,485	2,708,973	3,510,589	10,825,923	14,820,362	2,127,658	21,373	12,675,576
111	Iron and steel, bolts, nuts, washers, and rivets.	9	1,515,250	667,247	36,363	145,337	485,547	848,003	103,958	1,560	665,326
112	Iron and steel, forgings	14	1,360,715	880,117	187,350	170,700	522,067	480,598	44,188	800	469,641
113	Iron and steel, nails and spikes, cut and wrought, including wire nails.	13	3,723,812	2,111,274	218,000	493,000	1,400,274	1,612,538	206,083	2,654	1,316,718
114	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	55	1,235,530	479,069	81,190	165,010	232,869	756,461	78,294	1,364	774,848
115	Jewelry. (See also Watch, clock, and jewelry repairing.)	23	1,242,145	102,550	.....	.....	102,550	1,139,595	44,970	474	293,892
116	Kaolin and other earth grinding	5	189,549	104,170	17,900	36,140	50,130	85,379	12,238	62	29,296
117	Kindling wood	12	6,080	2,045	100	200	1,745	4,035	2,006	41	15,236
118	Lamps and reflectors. (See also Gas and lamp fixtures.)	6	172,025	98,475	15,800	17,000	65,675	73,550	10,915	154	85,164
119	Lead, bar, pipe, and sheet	3	191,874	31,000	.....	.....	31,000	160,874	14,040	39	31,840
120	Leather, tanned and curried	113	4,380,015	1,195,883	345,887	594,960	255,036	3,184,132	193,210	1,569	827,742
121	Lightning rods	3	17,850	9,300	4,600	3,200	1,500	8,550	1,136	18	7,760
122	Lime and cement	90	1,880,410	1,625,984	762,720	440,218	423,046	254,426	72,600	1,236	484,793
123	Liquors, distilled	15	2,109,879	755,600	267,950	125,925	361,725	1,354,279	8,745,108	484	317,829
124	Liquors, malt. (See also Bottling.)	106	21,491,924	12,935,095	3,204,675	6,036,213	3,694,207	8,556,829	3,828,311	3,494	2,828,501
125	Liquors, vinous. (See also Liquors, distilled.)	58	989,207	422,045	121,515	188,505	112,025	567,162	70,855	177	77,962
126	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	12	2,233,993	1,216,480	170,729	296,896	748,855	1,017,513	160,469	1,062	667,586
127	Lock and gun smithing	84	73,467	41,975	9,560	7,825	24,590	31,492	16,104	138	72,278
128	Looking-glass and picture frames	95	1,081,286	329,732	72,150	118,500	139,082	751,554	98,861	1,204	576,636
129	Lumber and other mill products from logs or bolts.	1,427	11,735,666	6,706,010	2,227,869	1,079,507	3,398,634	5,029,656	628,994	13,056	3,722,951
130	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	335	7,908,742	3,313,873	906,148	914,038	1,493,687	4,594,869	426,367	5,938	3,218,325
131	Malt. (See also Liquors, malt.)	22	1,690,197	621,675	216,575	297,500	107,600	1,068,522	77,674	283	164,562

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

OHIO—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
116	$115,219	27	$11,079	78	$37,658	173	$42,395	3	$546	404	$86,960	452	$92,410	7	$2,000	$594,032	$1,358,795	82
223	144,643	2	760	527	268,924	11	2,599	17	2,648	53	23,561	4	802	2	312	588,201	1,404,475	83
80	70,453	9	4,547	624	257,115	73	14,201	51	8,489	266	92,237	116	11,737	6	600	346,062	1,207,440	84
452	409,976	16	6,265	5,065	2,388,058	113	29,696	173	28,126	559	283,522	27	8,526	3	500	3,404,680	8,780,689	85
19	19,684	.....	.....	114	58,465	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49,896	190,000	86
114	91,465	6	1,570	815	388,939	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	494,558	2,032,050	87
3	2,600	.....	.....	18	10,440	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,400	39,330	88
30	43,400	5	3,000	437	235,348	5	1,250	.....	.....	36	18,423	.....	.....	.....	.....	390,460	1,003,300	89
205	226,985	11	3,338	3,709	1,738,097	526	71,711	824	121,992	1,344	961,939	12	2,516	20	5,000	1,602,599	5,649,182	90
23	22,960	.....	.....	90	47,208	4	1,030	1	180	.....	.....	.....	.....	.....	.....	208,875	337,900	91
1	585	.....	.....	7	3,037	3	624	.....	.....	2	1,200	11	1,112	.....	.....	6,224	16,750	92
8	7,800	.....	.....	78	22,592	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72,047	152,614	93
18	14,692	.....	.....	61	30,838	.....	.....	2	200	.....	.....	.....	.....	.....	.....	226,095	371,957	94
5	2,924	.....	.....	62	22,326	.....	.....	1	90	.....	.....	.....	.....	.....	.....	15,592	57,740	95
29	58,670	1	500	219	114,750	.....	.....	.....	.....	30	18,000	.....	.....	.....	.....	602,815	1,477,970	96
13	13,344	29	19,829	5	1,940	70	19,467	2	464	.....	.....	25	6,435	1	91	47,549	155,775	97
31	27,838	1	260	27	11,960	10	1,700	5	716	2	1,000	.....	.....	.....	.....	15,606	90,825	98
53	45,704	2	780	604	261,217	54	8,751	12	1,332	35	8,967	42	3,094	.....	.....	520,798	1,048,601	99
29	36,105	4	1,320	272	108,717	40	11,463	5	1,040	207	67,015	55	8,580	1	312	364,756	775,017	100
42	36,563	1	312	83	39,091	57	12,545	3	312	131	40,616	88	21,736	.....	.....	225,541	485,874	101
11	2,628	.....	.....	70	4,397	112	2,056	8	58	120	12,000	.....	.....	.....	.....	74,849	121,474	102
7	17,781	1	900	36	18,350	14	3,500	.....	.....	.....	.....	.....	.....	.....	.....	201,382	301,123	103
61	65,140	6	2,994	107	57,511	703	141,412	42	6,478	.....	.....	946	188,463	33	4,632	914,085	1,635,948	104
14	8,570	1	150	88	30,962	.....	.....	3	256	12	7,448	.....	.....	.....	.....	45,731	141,230	105
22	21,517	.....	.....	142	74,437	.....	.....	.....	.....	200	7,000	.....	.....	.....	.....	53,082	305,892	106
22	23,908	1	625	70	45,480	3	2,820	.....	.....	5	2,300	.....	.....	.....	.....	318,460	683,000	107
7	7,480	.....	.....	6	1,916	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,290	33,450	108
14	13,316	.....	.....	23	14,075	2	812	.....	.....	.....	.....	.....	.....	.....	.....	30,192	73,911	109
551	773,885	8	4,500	20,711	11,874,223	.....	.....	103	22,968	.....	.....	.....	.....	.....	.....	38,583,330	57,134,110	110
60	83,016	5	1,500	654	313,547	3	900	99	17,378	437	189,167	42	6,893	260	52,925	1,423,330	2,458,412	111
42	55,618	1	600	651	370,923	.....	.....	10	2,000	86	37,900	.....	.....	10	2,600	1,128,441	1,805,206	112
81	108,160	.....	.....	2,324	1,143,386	42	11,096	207	54,076	.....	.....	.....	.....	.....	.....	5,876,277	7,929,912	113
120	124,733	3	1,000	1,212	636,609	4	912	10	1,454	15	10,140	.....	.....	.....	.....	1,051,614	2,278,839	114
77	85,742	14	5,894	303	176,948	65	16,263	5	845	10	8,200	.....	.....	.....	.....	959,901	1,588,777	115
8	5,720	1	275	53	23,301	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62,212	140,936	116
11	7,342	.....	.....	24	7,270	.....	.....	6	624	.....	.....	.....	.....	.....	.....	4,622	25,375	117
31	31,656	.....	.....	99	47,668	21	5,060	3	780	.....	.....	.....	.....	.....	.....	59,205	207,500	118
10	14,040	2	1,200	27	16,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	362,750	441,700	119
121	119,050	1	360	1,387	674,941	2	575	4	748	54	32,068	.....	.....	.....	.....	5,134,248	6,701,670	120
4	2,040	.....	.....	14	5,720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,200	20,400	121
64	54,067	3	988	1,106	406,899	.....	.....	10	1,305	53	21,534	.....	.....	.....	.....	417,081	1,260,755	122
57	93,007	1	600	410	216,692	.....	.....	1	250	15	7,280	.....	.....	.....	.....	2,535,016	12,033,884	123
376	603,650	1	500	3,082	2,217,111	1	260	34	6,980	.....	.....	.....	.....	.....	.....	5,272,894	15,899,629	124
53	35,800	1	395	116	41,284	4	75	3	408	.....	.....	.....	.....	.....	.....	246,956	550,777	125
107	180,434	11	4,620	612	399,041	304	61,996	18	2,728	10	18,767	.....	.....	.....	.....	634,043	1,919,991	126
79	44,919	1	260	52	25,304	.....	.....	2	260	4	1,535	.....	.....	.....	.....	37,255	157,903	127
124	87,635	6	1,740	953	418,617	77	22,462	25	3,622	74	37,310	.....	.....	35	5,250	641,126	1,768,683	128
1,509	617,417	9	2,518	10,556	2,883,524	38	4,121	260	35,967	574	167,258	35	5,665	75	6,481	7,592,798	15,161,730	129
557	476,972	25	8,306	5,193	2,688,474	13	4,166	85	12,641	60	26,016	5	1,750	.....	.....	7,685,188	12,910,538	130
38	43,883	.....	.....	245	120,879	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,511,638	1,926,496	131

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

OHIO—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
132	Mantels, slate, marble, and marbleized	11	$183,286	$33,550	----------	$2,000	$31,550	$149,736	$21,552	200	$135,842
133	Marble and stone work. (See also Monuments and tombstones.)	107	856,352	408,448	$162,860	64,835	180,753	447,904	100,819	1,095	582,469
134	Masonry, brick and stone. (See also Plastering and stuccowork.)	794	3,324,702	1,110,624	379,295	384,275	347,054	2,214,078	309,033	8,254	5,094,221
135	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	45	208,940	52,930	13,250	14,525	25,155	156,010	33,529	402	178,881
136	Millinery and lace goods. (See also Artificial feathers and flowers.)	5	33,336	11,486	2,500	4,000	4,986	21,850	2,937	137	41,484
137	Millinery, custom work	543	1,075,941	258,560	95,540	121,040	41,980	817,381	201,751	1,981	634,775
138	Mineral and soda waters. (See also Bottling.)	67	366,787	293,275	55,050	60,125	178,100	73,512	35,913	344	159,863
139	Models and patterns	47	134,269	64,090	12,205	14,395	37,490	70,179	11,847	224	152,020
140	Monuments and tombstones. (See also Marble and stone work.)	161	860,714	306,529	155,155	91,810	59,564	554,185	58,573	687	427,204
141	Mucilage and paste	6	11,385	6,200	2,650	1,100	2,450	5,185	2,970	34	11,924
142	Musical instruments and materials, not specified.	16	17,267	11,515	5,100	3,000	3,415	5,752	3,097	23	15,074
143	Musical instruments, organs and materials.	4	96,400	54,700	14,500	28,000	12,200	41,700	5,776	71	39,416
144	Musical instruments, pianos and materials.	7	388,956	101,036	8,000	53,000	40,036	287,920	38,161	268	169,566
145	Oil, linseed	14	1,222,303	538,700	87,500	186,700	264,500	683,603	115,804	272	149,402
146	Oil, lubricating	14	322,041	122,042	33,000	46,500	42,542	199,999	27,353	140	100,731
147	Optical goods	13	43,300	3,390	----------	----------	3,390	39,910	6,046	38	29,600
148	Painting and paper hanging	1,003	1,312,446	518,250	168,919	221,681	124,650	794,196	172,904	4,004	2,400,598
149	Paints. (See also Chemicals; Varnish.)	42	3,906,580	1,647,295	440,750	587,100	619,445	2,259,285	303,793	824	556,748
150	Paper. (See also Pulp, wood.)	50	7,581,536	4,490,442	731,900	1,334,434	2,424,108	3,091,094	513,037	3,042	1,324,302
151	Paper patterns	3	7,060	200	----------	----------	200	6,860	927	5	3,874
152	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	73	590,138	207,517	60,550	96,625	50,342	382,621	281,415	456	205,465
153	Paving and paving materials	94	1,257,309	312,169	91,015	50,869	170,285	945,140	62,203	3,282	1,331,114
154	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	3	72,295	33,020	12,000	7,000	14,020	39,275	2,065	22	12,920
155	Petroleum, refining	15	15,871,138	6,320,561	1,269,143	1,216,585	3,834,833	9,550,577	590,858	2,281	1,290,991
156	Photography	257	436,954	275,577	15,800	21,710	238,067	161,377	105,115	839	476,620
157	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	7	18,955	14,800	----------	----------	14,800	4,155	2,149	34	24,259
158	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	17	145,877	39,880	7,960	10,620	21,300	105,997	40,429	172	68,075
159	Plastering and stuccowork. (See also Masonry, brick and stone.)	260	345,909	178,770	45,575	87,310	45,885	167,139	38,088	1,243	749,005
160	Plumbers' supplies. (See also Brass castings and brass finishing.)	9	202,320	51,237	8,100	6,000	37,137	151,083	24,522	151	93,860
161	Plumbing and gas fitting	267	1,180,185	285,699	86,475	68,050	131,174	894,486	132,624	2,024	1,280,956
162	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	257	3,704,513	2,361,273	180,650	268,125	1,912,498	1,343,240	337,296	3,499	1,847,539
163	Printing and publishing, music. (See also Bookbinding and blank-book making.)	6	191,620	36,468	200	600	35,668	155,152	76,650	65	42,875
164	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	724	7,738,089	4,870,207	430,436	666,225	3,773,546	2,867,882	1,581,680	7,292	4,063,564
165	Printing materials	3	4,975	2,575	----------	----------	2,575	2,400	1,894	10	5,150
166	Pumps, not including steam pumps	49	867,511	314,391	34,675	151,330	128,386	553,120	95,450	656	317,620
167	Refrigerators	5	248,150	121,650	43,000	35,100	43,550	126,500	16,495	133	69,624
168	Regalia and society banners and emblems.	12	778,505	51,175	5,000	3,100	43,075	727,330	147,770	1,188	444,832
169	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	287	1,655,960	592,146	169,405	210,191	212,550	1,063,814	139,975	1,543	849,041
170	Rubber and elastic goods	7	1,162,512	409,914	20,500	120,890	268,524	752,598	89,504	714	295,290
171	Saddlery and harness	708	2,694,565	812,007	219,608	384,032	208,367	1,882,658	224,857	3,208	1,552,461

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

OHIO—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
32	$30,888	1	$468	127	$73,334	4	$962	2	$410	34	$29,780	.....	.....	.....	.....	$184,405	$431,245	132
144	123,188	3	1,064	922	443,889	1	500	2	120	23	13,708	.....	.....	.....	.....	598,669	1,555,944	133
836	770,197	.....	.....	7,340	4,295,974	.....	.....	10	2,600	68	25,450	.....	.....	.....	.....	5,436,706	12,540,863	134
59	44,113	3	1,220	192	83,032	67	18,527	5	668	44	24,520	17	$3,681	15	$3,120	359,754	705,940	135
7	9,710	1	600	13	7,290	116	23,884	.....	.....	.....	.....	.....	.....	.....	.....	36,430	97,710	136
45	31,938	586	259,361	17	6,044	1,303	332,854	18	2,643	2	333	10	1,602	.....	.....	1,322,353	2,650,693	137
74	46,050	3	1,260	248	110,014	4	443	13	1,196	1	500	1	400	.....	.....	157,674	535,681	138
46	42,590	.....	.....	170	106,264	1	416	1	250	6	2,500	.....	.....	.....	.....	51,734	258,176	139
180	137,986	2	500	471	274,071	.....	.....	4	680	30	13,967	.....	.....	.....	.....	727,859	1,493,638	140
6	2,970	.....	.....	18	7,015	3	200	3	75	4	1,664	.....	.....	.....	.....	13,130	36,347	141
16	11,711	.....	.....	5	2,514	.....	.....	.....	.....	2	849	.....	.....	.....	.....	9,454	37,230	142
10	12,540	.....	.....	37	18,876	.....	.....	.....	.....	24	8,000	.....	.....	.....	.....	27,863	112,500	143
24	27,576	.....	.....	132	75,758	.....	.....	2	312	110	65,920	.....	.....	.....	.....	187,424	443,155	144
30	37,518	.....	.....	240	111,284	2	600	.....	.....	.....	.....	.....	.....	.....	.....	3,075,182	3,566,310	145
53	51,290	3	1,450	77	45,701	6	2,134	1	156	.....	.....	.....	.....	.....	.....	438,828	791,665	146
16	17,108	.....	.....	16	10,778	4	1,350	2	364	.....	.....	.....	.....	.....	.....	31,443	82,332	147
1,081	777,564	16	4,901	2,651	1,502,265	16	4,304	24	3,425	212	107,103	3	936	1	100	1,619,781	5,036,308	148
184	222,932	10	4,063	551	306,418	28	7,585	10	1,320	13	7,280	18	5,460	10	1,690	2,587,173	4,528,764	149
117	168,763	4	1,914	2,320	1,035,246	447	88,683	31	4,362	12	2,242	111	23,092	.....	.....	3,991,377	7,209,750	150
2	2,500	.....	.....	3	1,374	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	969	11,100	151
110	100,380	16	4,871	164	72,803	121	21,246	29	2,580	.....	.....	16	3,585	.....	.....	469,495	1,270,009	152
119	133,093	5	1,802	3,012	1,123,044	.....	.....	.....	.....	146	73,175	.....	.....	.....	.....	1,808,228	3,695,398	153
6	3,850	.....	.....	13	8,136	2	700	1	234	.....	.....	.....	.....	.....	.....	59,695	129,152	154
302	271,610	3	1,520	1,689	884,700	.....	.....	84	16,502	195	114,810	.....	.....	8	1,849	12,517,255	16,343,493	155
287	230,656	44	18,103	317	165,919	142	43,355	13	1,894	28	13,533	8	3,160	.....	.....	302,815	1,152,395	156
9	11,824	2	900	19	9,180	1	375	.....	.....	2	1,480	1	500	.....	.....	4,342	38,500	157
25	30,155	1	208	74	23,038	51	10,612	6	1,062	.....	.....	15	3,000	.....	.....	217,635	477,776	158
264	198,390	.....	.....	957	542,578	.....	.....	.....	.....	22	8,037	.....	.....	.....	.....	513,078	1,523,728	159
28	37,062	2	812	114	54,746	.....	.....	7	1,240	.....	.....	.....	.....	.....	.....	284,793	525,372	160
370	332,739	4	1,312	1,613	938,815	1	200	32	6,976	4	914	.....	.....	.....	.....	1,801,725	3,848,512	161
441	439,749	40	15,773	2,098	1,138,541	684	165,223	95	16,575	109	66,332	32	5,346	.....	.....	2,818,018	6,086,891	162
41	32,851	7	2,070	11	5,944	4	1,500	1	110	.....	.....	1	400	.....	.....	21,968	173,450	163
1,138	969,470	163	57,504	3,911	2,122,097	637	162,117	307	30,816	1,038	687,104	98	34,456	.....	.....	2,404,807	10,928,510	164
5	3,476	.....	.....	5	1,674	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,631	11,690	165
91	73,634	2	880	519	218,356	.....	.....	.....	.....	44	24,750	.....	.....	.....	.....	389,457	1,088,713	166
15	13,630	.....	.....	112	54,444	4	1,100	.....	.....	2	450	.....	.....	.....	.....	66,730	195,600	167
97	117,314	18	10,300	257	117,442	577	132,890	1	100	23	13,850	215	52,936	.....	.....	548,196	1,372,070	168
317	242,330	12	4,990	1,187	593,871	.....	.....	13	2,050	12	5,625	.....	.....	2	175	2,261,339	3,926,389	169
50	51,124	6	3,430	224	106,862	36	10,080	14	2,500	127	75,057	257	46,237	.....	.....	1,002,772	1,486,777	170
680	421,121	8	3,530	1,789	828,570	249	64,689	18	1,881	437	225,450	25	7,170	2	50	2,779,234	6,340,355	171

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

OHIO—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
172	Safes and vaults	11	$2,580,363	$633,149	$66,000	$136,000	$431,149	$1,947,214	$386,518	2,521	$1,392,803
173	Salt	9	425,731	348,800	37,000	206,800	105,000	76,931	27,905	260	87,079
174	Sausage. (See also Slaughtering.)	21	87,112	70,600	22,250	28,150	20,200	16,512	4,409	77	38,105
175	Saws	13	405,545	166,715	46,000	26,000	94,715	238,830	82,124	350	181,282
176	Scales and balances	5	49,930	23,350	5,000	5,000	13,350	25,580	6,319	44	24,944
177	Sewing machine repairing	14	7,475	2,955			2,955	4,520	3,250	19	9,253
178	Sewing machines and attachments	3	1,153,543	382,040	10,000	60,000	312,040	771,503	397,408	1,082	603,610
179	Shipbuilding	44	2,950,811	1,613,610	626,245	351,865	635,500	1,337,201	86,986	2,822	1,521,212
180	Shirts. (See also Furnishing goods, men's.)	72	189,346	58,090	27,650	14,550	15,890	131,256	23,455	576	203,858
181	Shoddy	3	744,530	165,530	30,000	40,000	95,530	579,000	28,266	696	182,700
182	Show cases	5	103,750	59,500	21,000	26,000	12,500	44,250	5,122	111	58,640
183	Silk and silk goods	3	37,830	16,750	10,000	5,000	1,750	21,080	2,662	40	13,685
184	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage.)	70	3,100,425	1,256,890	449,115	471,410	336,365	1,843,535	193,933	1,376	814,045
185	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage.)	68	482,115	317,680	154,250	106,150	57,280	164,435	41,050	257	169,905
186	Soap and candles. (See also Grease and tallow.)	49	2,404,544	1,498,369	132,325	1,017,295	348,749	906,175	188,188	1,149	512,128
187	Sporting goods	3	54,423	30,070	3,000	17,000	19,070	15,353	1,247	73	25,590
188	Springs, steel, car and carriage	8	392,938	183,648	47,000	63,583	73,065	209,290	20,878	375	205,247
189	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	9	889,392	404,012	93,000	84,500	226,512	485,380	70,884	606	276,287
190	Starch	3	710,825	514,600	52,566	340,028	122,006	196,225	95,179	363	143,775
191	Stationery goods, not elsewhere specified.	18	240,225	109,210	29,450	46,050	33,710	131,015	22,041	219	68,144
192	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	13	493,287	260,811	29,200	61,050	170,561	232,476	22,541	380	208,757
193	Stencils and brands	9	19,990	8,175			8,175	11,815	3,131	23	13,698
194	Stereotyping and electrotyping. (See also Type founding.)	7	43,165	36,850			36,850	6,315	5,705	81	61,014
195	Sugar and molasses, refining	24	115,630	23,325	1,825	2,170	19,330	92,305	6,728	111	25,659
196	Surgical appliances. (See also Artificial limbs.)	11	18,635	5,365			5,365	13,270	30,966	78	34,174
197	Timber products, not manufactured at mill.	34	71,043	36,773	25,663		11,110	34,270	9,956	198	44,036
198	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	518	2,290,266	1,105,324	295,200	405,543	404,581	1,184,942	177,516	2,505	1,252,231
199	Tobacco, chewing, smoking, and snuff	20	2,105,848	527,620	121,500	191,349	214,771	1,578,228	1,936,909	1,940	646,490
200	Tobacco, cigars and cigarettes	937	2,729,275	571,595	188,545	223,409	159,641	2,157,680	1,131,702	6,575	2,517,143
201	Tobacco, stemming and rehandling	38	737,440	40,215	8,050	15,100	17,065	697,225	36,032	761	283,388
202	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	34	1,788,625	909,934	95,775	221,450	591,709	878,691	212,548	1,070	589,072
203	Toys and games	8	106,240	52,090	18,200	20,400	15,490	54,150	5,873	152	57,242
204	Trunks and valises	26	371,823	44,246	16,000	5,400	22,846	327,577	52,869	510	262,976
205	Type founding. (See also Stereotyping and electrotyping.)	3	773,878	431,728		110,000	321,728	342,150	28,360	278	170,971
206	Umbrellas and canes	27	189,063	49,430	16,700	17,353	15,377	139,633	22,700	347	155,686
207	Upholstery materials. (See also Woolen goods; Worsted goods.)	15	267,005	100,080	22,730	45,750	31,600	166,925	25,122	192	82,429
208	Varnish. (See also Paints.)	16	743,235	136,350	30,700	55,200	50,460	606,875	68,089	147	121,066
209	Vinegar and cider	86	238,044	150,635	17,815	25,755	107,065	87,409	22,098	316	73,133
210	Washing machines and clothes wringers	21	115,410	43,072	8,600	11,313	23,159	72,338	7,563	100	44,794
211	Watch, clock, and jewelry repairing. (See also Jewelry.)	268	323,777	190,060	52,650	67,375	70,035	133,717	61,310	566	341,970
212	Wheelbarrows	8	731,589	218,394	78,844	80,350	59,200	513,195	48,429	379	189,632
213	Whips	4	122,252	33,352	2,000	13,494	17,858	88,900	16,782	99	37,726
214	Windmills	3	13,400	4,600	800	1,500	2,300	8,800	1,047	18	7,884
215	Window shades	8	150,787	25,950			25,950	133,837	15,032	116	61,666
216	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	51	654,599	306,759	50,105	137,560	119,094	347,840	45,221	642	355,335

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

OHIO—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
186	$128,127	22	$8,884	1,942	$1,080,952	1	$720	38	$3,952	332	$170,168	.....	.....	.....	.....	$1,591,136	$4,096,257	172
16	9,918	.....	.....	215	69,128	.....	.....	.....	.....	29	8,033	.....	.....	.....	.....	83,552	212,541	173
24	14,708	.....	.....	49	21,522	3	1,800	1	75	.....	.....	.....	.....	.....	.....	121,263	192,908	174
38	32,232	.....	.....	251	126,290	.....	.....	51	12,760	10	10,000	.....	.....	.....	.....	173,753	549,550	175
6	5,440	1	260	32	18,170	1	300	4	774	.....	.....	.....	.....	.....	.....	19,383	55,475	176
12	6,612	1	800	5	1,689	1	152	.....	.....	.....	.....	.....	.....	.....	.....	2,388	20,597	177
70	110,500	6	3,000	654	368,212	9	3,588	53	13,250	290	165,000	.....	.....	.....	.....	770,428	2,125,000	178
143	128,967	.....	.....	2,462	1,288,995	.....	.....	.....	.....	217	104,150	.....	.....	.....	.....	1,750,939	3,804,838	179
55	44,049	34	13,906	29	16,612	116	29,879	4	416	53	28,328	285	$70,668	.....	.....	244,111	569,519	180
12	20,100	.....	.....	179	80,260	83	20,640	.....	.....	.....	.....	402	60,700	20	$1,000	1,100,480	1,377,500	181
11	11,022	.....	.....	97	46,334	.....	.....	1	156	2	1,128	.....	.....	.....	.....	60,305	161,700	182
2	1,600	2	912	8	3,649	28	7,524	.....	.....	.....	.....	.....	.....	.....	.....	13,983	33,927	183
205	219,187	3	2,960	1,137	581,731	6	2,360	2	300	20	7,411	.....	.....	3	156	11,269,900	13,280,649	184
78	78,922	1	300	177	90,483	.....	.....	.....	.....	1	200	.....	.....	.....	.....	3,071,620	3,731,549	185
130	149,397	6	2,392	790	317,257	145	29,573	37	4,579	28	5,840	13	3,090	.....	.....	4,081,984	5,746,660	186
5	5,500	.....	.....	21	11,890	4	450	43	7,750	.....	.....	.....	.....	.....	.....	32,777	119,000	187
25	33,004	1	500	100	52,337	.....	.....	.....	.....	249	119,406	.....	.....	.....	.....	269,040	607,939	188
44	55,760	.....	.....	411	165,307	28	6,500	16	3,300	92	42,420	15	3,000	.....	.....	466,501	922,099	189
18	19,058	4	3,312	266	103,075	65	16,770	10	1,560	.....	.....	.....	.....	.....	.....	677,999	1,109,026	190
23	20,196	.....	.....	70	25,347	68	12,511	16	1,090	24	6,850	18	2,150	.....	.....	179,565	318,675	191
45	44,165	2	456	305	156,336	8	1,400	17	4,040	3	2,360	.....	.....	.....	.....	200,836	547,774	192
11	8,530	.....	.....	12	5,168	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,775	31,240	193
14	16,200	1	675	56	35,895	.....	.....	3	444	7	7,800	.....	.....	.....	.....	31,187	111,176	194
15	10,843	4	1,475	86	12,699	2	42	4	600	.....	.....	.....	.....	.....	.....	553,694	675,024	195
21	11,968	32	9,976	15	9,638	4	1,446	3	484	.....	.....	3	662	.....	.....	10,300	109,822	196
9	3,558	.....	.....	138	29,923	.....	.....	.....	.....	51	10,555	.....	.....	.....	.....	28,335	118,113	197
502	351,060	9	3,963	1,577	775,057	152	32,632	72	12,195	159	70,532	34	6,792	.....	.....	1,822,085	3,880,752	198
70	97,380	.....	.....	757	283,325	466	94,211	29	3,376	277	110,274	341	57,924	.....	.....	2,925,371	5,991,177	199
878	537,651	17	6,103	1,135	463,214	763	192,196	157	20,244	2,322	955,801	1,208	330,010	97	11,924	2,447,042	7,024,748	200
54	41,886	.....	.....	349	134,002	260	82,100	98	25,400	.....	.....	.....	.....	.....	.....	2,615,478	3,371,794	201
67	64,306	4	1,360	826	405,240	22	6,350	3	504	148	111,312	.....	.....	.....	.....	468,396	1,617,071	202
13	11,372	4	832	95	37,647	19	2,750	.....	.....	3	1,872	3	624	15	2,145	29,904	130,000	203
53	56,790	1	520	289	137,118	31	7,240	21	3,344	113	57,340	2	624	.....	.....	322,576	861,975	204
24	35,921	.....	.....	109	69,042	.....	.....	.....	.....	72	48,651	55	14,157	18	3,200	99,975	389,690	205
54	53,653	4	1,812	121	61,470	138	31,971	19	3,185	3	1,720	8	1,875	.....	.....	290,368	564,222	206
17	10,632	.....	.....	103	41,282	11	2,590	1	125	40	22,300	20	5,500	.....	.....	186,421	363,022	207
64	74,640	.....	.....	73	42,893	4	1,480	1	50	5	2,000	.....	.....	.....	.....	707,982	1,023,852	208
81	28,304	2	162	221	43,474	2	95	4	377	6	721	.....	.....	.....	.....	213,184	425,999	209
19	11,752	.....	.....	69	28,951	2	416	6	1,375	2	2,000	.....	.....	2	300	59,954	134,606	210
239	170,658	3	968	295	161,921	13	3,486	10	1,017	6	3,920	.....	.....	.....	.....	175,454	723,290	211
25	27,025	3	1,380	246	110,417	.....	.....	6	810	99	50,000	.....	.....	.....	.....	455,513	795,894	212
9	9,200	1	260	61	21,752	28	6,514	.....	.....	.....	.....	.....	.....	.....	.....	52,830	133,824	213
1	416	.....	.....	17	7,468	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,275	17,050	214
17	17,480	2	700	69	37,149	17	4,438	8	1,275	.....	.....	3	624	.....	.....	255,596	392,150	215
74	52,774	1	600	462	244,747	13	2,784	5	875	85	53,070	2	485	.....	.....	877,610	1,361,181	216

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

OHIO—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
217	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	57	$637,440	$311,985	$62,225	$60,825	$188,935	$325,455	$69,295	720	$331,053
218	Woodenware, not elsewhere specified	13	231,931	128,961	16,578	32,074	79,409	102,970	36,716	318	120,555
219	Woolen goods. (See also Felt goods; Gloves and mittens; Hosiery and knit goods; Worsted goods.)	64	1,609,574	782,951	78,715	242,589	461,647	826,623	100,326	1,032	294,365
220	All other industries (a)	88	7,508,379	3,725,973	516,205	1,212,096	1,995,672	3,782,406	433,460	6,128	3,103,134

a Embraces artists' materials, 1; babbitt metal and solder, 1; bellows, 2; bicycles and tricycles, 2; boot and shoe cut stock, 1; brass, 1; bronze castings, 1; calcium lights, 1; celluloid and celluloid goods, 1; cigar molds, 1; cleansing and polishing preparations, 1; combs, 1; cordials and sirups, 1; cork, cutting, 1; crucibles, 1; dentists' materials, 1; drug grinding, 1; dyeing and finishing textiles, 2; engraving, steel, including plate printing, 1; fireworks, 1; flax, dressed, 2; fruit jar trimmings, 1; galvanizing, 2; gold and silver, leaf and foil, 2; gold and silver, reducing and refining, not from the ore, 1; hammocks, 1; hand knit goods, 2; hones and whetstones, 1; iron and steel, pipe, wrought, 1; ivory and bone work, 1; japanning, 2; jewelry and instrument cases, 2; lard, refined, 2; leather, dressed skins, 2;

BY COUNTIES.

1	The State	28,673	402,793,019	162,623,997	38,125,149	58,205,728	86,292,120	220,169,022	45,062,325	331,548	158,756,883
2	Adams	82	212,331	126,117	24,855	34,765	66,497	86,214	13,187	304	102,947
3	Allen	233	8,268,389	2,860,444	633,168	564,896	1,662,378	6,427,945	398,940	3,149	1,447,958
4	Ashland	73	530,132	240,180	35,785	73,070	131,325	289,952	73,695	451	191,402
5	Ashtabula	347	1,914,804	969,605	169,072	290,639	618,894	945,289	114,172	2,080	859,050
6	Athens	77	756,917	543,236	72,945	201,831	268,460	213,681	30,056	319	123,151
7	Auglaize	141	662,425	387,302	49,980	131,255	206,067	275,123	50,339	806	258,243
8	Belmont	161	5,036,433	2,762,778	291,783	869,977	1,601,018	2,273,655	355,834	4,557	2,134,338
9	Brown	307	697,542	353,708	71,680	142,855	139,173	543,834	67,740	935	426,533
10	Butler	219	9,055,117	4,092,901	669,951	1,295,950	2,127,000	5,052,216	2,436,005	5,880	2,575,825
11	Carroll	32	422,350	159,150	19,025	60,890	79,235	263,200	10,879	338	129,020
12	Champaign	152	991,385	574,553	74,325	249,611	250,617	419,832	82,777	988	329,545
13	Clark	416	14,689,335	5,977,421	817,858	3,101,874	2,057,689	8,711,914	1,051,033	6,826	3,227,584
14	Clermont	323	972,861	533,383	86,515	251,040	194,928	439,478	68,699	1,337	425,567
15	Clinton	272	639,565	387,224	77,975	129,840	179,409	252,341	64,130	1,082	390,200
16	Columbiana	304	6,071,347	3,579,652	639,073	1,333,321	1,607,258	2,491,695	592,528	5,763	2,879,347
17	Coshocton	101	491,697	293,933	27,505	86,805	179,623	197,764	24,344	536	192,029
18	Crawford	185	1,655,964	844,467	111,565	285,198	447,704	811,497	127,357	1,925	819,051
19	Cuyahoga	2,425	71,873,873	35,054,341	7,132,526	9,285,535	18,636,280	36,819,532	5,132,640	52,020	28,921,262
20	Darke	146	521,295	316,645	56,625	73,955	186,065	204,651	32,962	610	186,108
21	Defiance	89	1,427,219	693,495	110,490	235,310	347,785	733,724	82,205	1,204	443,746
22	Delaware	154	1,022,399	635,485	107,995	183,395	344,095	386,914	74,262	1,159	401,393
23	Erie	370	3,746,018	1,726,834	435,200	631,650	659,984	2,019,184	255,082	2,877	1,190,255
24	Fairfield	202	920,387	444,870	64,140	167,399	213,331	475,517	72,466	1,224	467,395
25	Fayette	97	461,237	252,150	17,930	79,680	154,540	229,087	41,452	812	249,250
26	Franklin	791	16,639,341	7,389,435	2,228,535	2,101,292	8,059,608	9,249,906	1,742,992	13,928	7,013,493
27	Fulton	105	400,299	218,420	33,540	61,835	123,045	181,879	18,076	368	109,332
28	Gallia	90	554,059	311,103	47,835	115,805	147,463	242,947	46,387	603	211,132
29	Geauga	90	242,354	171,234	27,720	67,294	86,220	71,120	12,369	276	73,035
30	Greene	136	1,287,634	675,917	87,635	204,620	383,661	611,717	71,339	741	289,063
31	Guernsey	77	384,660	258,239	15,565	58,900	183,774	126,421	14,532	461	96,289
32	Hamilton	9,379	109,948,973	41,272,964	11,010,827	14,177,152	16,084,985	68,676,009	20,418,147	103,010	60,767,788
33	Hancock	179	2,687,030	1,554,203	268,210	581,230	704,763	1,132,827	237,404	3,220	1,463,662
34	Hardin	117	1,081,341	573,403	69,731	145,115	356,557	507,938	74,727	845	309,643
35	Harrison	59	154,652	113,455	7,470	22,235	83,750	41,197	10,518	166	48,803
36	Henry	102	730,128	421,738	94,375	79,625	247,738	308,390	51,541	1,004	273,088
37	Highland	149	653,100	280,529	32,840	99,797	147,892	372,571	43,048	926	325,735
38	Hocking	36	549,823	291,880	21,560	83,080	187,240	257,943	44,799	506	188,441
39	Holmes	47	148,261	108,107	15,855	30,800	61,452	40,174	8,035	128	43,127
40	Huron	233	1,647,877	851,715	94,385	329,745	427,585	796,162	160,210	1,818	777,365
41	Jackson	123	1,032,308	532,311	92,784	126,386	313,141	499,997	56,282	813	275,096
42	Jefferson	264	6,025,967	2,763,864	457,240	815,720	1,490,904	2,262,103	302,084	4,029	1,926,947
43	Knox	152	1,022,981	556,469	73,010	180,495	302,975	466,501	56,004	1,046	484,959
44	Lake	73	864,682	443,627	67,489	147,687	228,451	421,055	52,736	466	192,559
45	Lawrence	182	3,277,970	1,568,029	408,862	520,002	739,165	1,609,941	165,304	2,251	923,760
46	Licking	260	1,584,653	869,341	140,708	380,181	348,452	715,312	106,038	1,869	789,979
47	Logan	149	695,704	474,597	107,606	144,444	222,547	221,107	50,610	796	299,574
48	Lorain	180	1,245,686	702,129	96,295	234,071	371,763	543,557	65,491	989	399,194
49	Lucas	767	13,530,417	7,083,452	1,444,093	2,204,485	3,434,964	6,445,965	1,304,831	10,858	5,461,124
50	Madison	92	278,598	176,574	28,654	50,390	97,530	101,934	20,053	387	108,723
51	Mahoning	313	10,370,195	5,177,133	819,230	1,255,245	3,102,658	5,193,062	622,488	7,105	4,337,339
52	Marion	139	1,626,729	797,560	188,745	332,503	276,312	1,029,169	116,035	1,255	666,275
53	Medina	111	509,244	313,170	42,895	125,765	144,510	196,074	40,539	498	186,978
54	Meigs	64	902,834	523,565	73,319	259,190	191,155	379,269	197,019	943	339,388
55	Mercer	124	422,301	286,790	47,175	94,686	144,839	135,601	24,663	629	205,056
56	Miami	245	2,873,418	1,338,507	174,850	550,368	613,289	1,534,911	280,497	2,260	953,898

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

OHIO—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
70	$66,917	2	$1,800	562	$238,443	11	$1,725	4	$620	59	$19,460	12	$2,088	.....	.....	$410,942	$1,069,238	217
24	21,973	2	1,420	262	86,962	.....	.....	13	1,800	17	8,400	.....	.....	.....	.....	209,989	516,956	218
85	57,824	1	400	422	125,901	359	74,663	60	8,109	31	12,650	74	14,818	.....	.....	962,270	1,513,302	219
281	285,604	14	6,294	3,837	2,002,730	754	204,369	126	20,176	603	371,864	513	212,097	.....	.....	7,629,817	13,452,736	220

leather, morocco, 1; leather, patent and enameled, 1; matches, 1; mats and matting, 1; needles and pins, 2; oil, cottonseed and cake, 1; oil, essential, 2; oil, lard, 2; oil resin, 1; oleomargarins, 2; paper goods, not elsewhere specified, 2; pens, gold, 1; photographic apparatus, 1; photographic materials, 1; plated and britannia ware, 1; pocketbooks, 2; pulp, wood, 1; registers, car fare, 1; registers, cash, 2; rules, ivory and wood, 2; screws, machine, 1; screws, wood, 2; sewing machine cases, 1; smelting and refining, 1; straw goods, not elsewhere specified, 1; taxidermy, 2; typewriters and supplies, 2; watch cases, 1; watches, 2; wire, 1; worsted goods, 1.

BY COUNTIES.

33,852	28,311,557	4,714	2,009,527	209,451	102,397,767	24,943	5,749,750	5,466	836,088	35,449	15,761,149	16,588	3,536,747	1,145	$166,298	341,016,464	641,688,064	1
64	30,627	.....	.....	220	65,656	4	1,360	5	696	11	4,708	.....	.....	.....	.....	298,654	506,170	2
221	158,226	9	3,408	2,273	1,074,636	119	24,905	25	3,148	444	171,300	52	11,323	6	1,012	5,951,378	8,920,122	3
71	41,490	.....	.....	309	126,102	32	7,455	2	150	28	14,900	9	1,305	.....	.....	707,380	1,110,964	4
286	160,283	27	10,121	1,445	601,457	102	17,580	6	900	128	54,942	84	13,607	2	160	1,713,741	3,130,257	5
59	34,799	.....	.....	243	82,484	3	382	2	260	12	5,226	.....	.....	.....	.....	368,912	587,931	6
113	50,318	1	208	506	158,861	20	3,318	19	1,606	123	41,187	10	2,250	14	595	557,069	989,237	7
196	180,373	4	1,293	3,038	1,519,365	363	55,512	455	70,514	483	303,976	18	3,305	.....	.....	4,944,340	8,434,555	8
223	142,054	66	27,025	496	201,255	118	31,200	25	3,030	51	20,894	6	1,075	.....	.....	2,002,535	2,932,679	9
338	318,682	18	7,735	3,993	1,826,839	733	149,490	67	8,587	499	236,488	231	27,944	1	60	8,920,647	15,899,983	10
31	15,249	.....	.....	289	102,421	.....	.....	.....	.....	18	12,250	.....	.....	.....	.....	619,870	861,969	11
136	66,125	12	3,184	570	184,163	71	11,967	16	1,996	121	50,860	42	10,250	20	1,000	758,493	1,349,447	12
543	516,383	71	25,498	5,346	2,340,829	164	33,778	32	5,238	617	293,005	50	11,941	3	912	4,804,458	10,873,739	13
263	144,344	66	24,184	568	187,469	198	19,438	26	1,229	170	43,539	30	4,862	16	502	979,456	1,912,037	14
273	164,638	35	13,750	588	186,532	102	10,030	24	710	37	11,643	18	2,468	5	429	913,366	1,675,235	15
382	312,193	31	16,551	3,477	1,731,848	418	98,907	76	14,093	1,117	634,100	217	58,296	45	13,359	4,525,871	9,005,224	16
93	50,636	4	1,437	271	92,570	26	3,905	4	485	88	34,238	45	8,458	5	300	636,461	1,020,947	17
182	99,043	8	3,120	1,515	662,093	66	10,011	16	1,393	94	36,684	39	7,307	5	300	1,155,233	2,350,604	18
4,530	4,767,767	362	172,249	35,832	19,888,150	2,212	549,421	855	159,561	5,045	2,612,475	2,868	710,607	316	61,032	87,358,530	116,466,449	19
115	46,010	2	100	409	118,428	10	2,005	24	2,240	40	15,050	7	2,050	3	225	511,673	928,784	20
87	61,405	3	1,180	944	338,377	37	6,348	29	3,078	94	31,918	.....	.....	10	1,440	919,300	1,735,800	21
145	79,273	7	2,998	679	249,646	65	7,818	23	3,299	119	34,687	85	18,580	36	5,092	692,302	1,265,698	22
304	208,849	61	19,977	1,919	761,220	165	18,835	52	7,108	335	167,495	34	6,253	7	518	1,926,711	4,122,741	23
211	120,798	25	6,679	646	250,903	62	11,007	11	994	86	35,214	183	41,800	.....	.....	969,580	1,711,746	24
108	52,417	2	636	515	158,213	95	23,066	26	2,952	18	8,455	48	3,520	.....	.....	421,717	887,010	25
1,252	1,161,995	173	74,334	8,798	4,323,523	961	252,928	186	26,482	1,824	981,921	696	184,591	38	7,719	11,554,503	23,537,465	26
76	29,570	1	416	283	77,662	6	1,181	1	78	1	425	.....	.....	.....	.....	539,044	773,251	27
93	51,780	3	1,248	458	148,644	34	4,435	2	130	13	4,895	.....	.....	.....	.....	498,780	862,412	28
80	22,735	1	375	184	49,012	7	557	3	266	1	90	.....	.....	.....	.....	323,664	481,074	29
95	59,937	5	1,744	489	188,232	95	19,088	21	3,062	33	16,840	3	1,060	.....	.....	1,192,302	1,981,776	30
77	27,438	2	242	363	67,611	16	890	3	108	.....	.....	.....	.....	.....	.....	275,985	474,859	31
11500	10,853,967	2,596	1,155,678	53,536	29,060,711	11,267	2,861,349	1,404	230,953	13906	5,000,692	8,443	1,567,423	358	37,015	97,651,600	206,207,205	32
229	169,738	4	1,726	2,272	996,244	91	14,645	179	28,978	391	240,990	19	4,196	35	7,145	2,844,637	5,412,893	33
85	53,798	7	3,279	660	228,604	44	8,558	24	2,555	22	11,601	3	1,248	.....	.....	928,753	1,598,713	34
40	16,768	11	2,906	106	28,378	6	553	3	204	.....	.....	.....	.....	.....	.....	159,068	253,760	35
73	28,888	.....	.....	852	230,953	18	2,280	42	6,292	19	4,675	.....	.....	.....	.....	443,795	929,258	36
125	61,070	7	2,500	493	171,374	123	27,785	12	1,530	89	53,328	76	8,160	1	48	1,008,329	1,685,811	37
53	28,462	3	500	440	156,428	5	700	.....	.....	5	2,351	.....	.....	.....	.....	337,748	629,485	38
53	22,897	1	250	61	16,908	5	572	.....	.....	8	2,500	.....	.....	.....	.....	222,621	314,647	39
227	151,723	18	5,904	1,228	507,996	179	38,198	4	340	139	69,704	25	3,500	.....	.....	1,654,382	2,972,386	40
116	60,091	15	4,051	610	198,161	27	3,456	23	1,102	12	6,469	10	1,766	.....	.....	910,969	1,341,297	41
289	210,296	41	15,288	3,087	1,507,276	195	32,734	160	31,915	180	111,427	64	17,611	4	409	6,334,387	9,399,805	42
137	83,325	17	5,814	817	375,040	50	9,785	1	75	24	10,920	.....	.....	.....	.....	1,223,246	1,950,308	43
74	44,833	1	416	351	138,045	14	2,296	4	309	12	4,050	9	2,475	1	135	404,598	753,134	44
181	138,102	24	8,839	1,818	716,966	55	8,437	56	6,210	88	39,965	29	5,301	.....	.....	2,494,356	4,160,419	45
212	119,039	22	6,515	1,253	551,839	90	15,730	17	1,489	165	74,078	103	20,465	7	824	1,240,727	2,408,631	46
151	72,359	4	2,288	527	185,439	39	6,350	10	1,710	58	28,728	7	1,700	.....	.....	843,719	1,390,923	47
121	69,997	13	5,833	622	256,687	45	10,121	.....	.....	123	50,016	55	5,840	10	700	1,578,809	2,401,355	48
962	857,180	152	63,627	7,183	3,700,690	1,140	252,415	157	20,523	958	497,992	221	56,724	85	12,573	13,030,263	22,916,619	49
68	26,380	3	800	282	74,999	7	1,204	10	1,177	10	2,697	7	1,466	.....	.....	176,588	389,826	50
393	355,618	40	15,936	6,190	3,792,865	144	35,606	107	22,383	153	95,890	79	19,032	.....	.....	12,854,455	19,510,877	51
138	92,794	10	4,910	1,031	462,359	27	4,663	.....	.....	39	18,924	10	2,625	.....	.....	960,989	1,934,794	52
112	51,174	16	4,630	270	104,302	17	4,444	20	2,238	53	17,080	10	3,110	.....	.....	488,886	829,853	53
75	43,337	1	364	798	268,943	10	2,272	13	2,177	46	13,295	.....	.....	.....	.....	928,847	1,484,235	54
63	30,848	1	400	498	128,348	8	937	19	1,848	40	42,675	.....	.....	.....	.....	324,492	687,279	55
300	208,285	39	11,313	1,297	487,385	143	30,314	34	2,280	345	196,685	102	17,596	.....	.....	2,861,366	4,695,426	56

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

OHIO—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
57	Monroe	84	$165,440	$97,755	$9,686	$29,875	$58,200	$67,685	$11,257	158	$44,052
58	Montgomery	1,051	16,112,897	7,658,087	1,437,407	2,196,428	3,424,252	9,054,810	1,788,084	14,208	6,820,608
59	Morgan	64	312,731	136,217	23,451	57,470	55,296	176,514	20,100	359	121,088
60	Morrow	71	544,758	261,446	16,106	80,132	165,202	343,318	31,272	283	84,628
61	Muskingum	406	4,536,469	2,377,168	433,777	912,922	1,030,469	2,153,361	408,328	4,055	1,678,689
62	Noble	57	120,460	80,955	9,155	23,600	48,200	39,505	12,769	173	45,109
63	Ottawa	84	1,155,699	779,470	261,926	239,020	278,539	376,229	49,861	864	284,330
64	Paulding	83	969,482	673,462	463,907	53,469	156,086	296,020	26,101	888	238,109
65	Perry	53	716,308	397,790	21,215	99,140	277,435	312,518	35,777	498	191,667
66	Pickaway	109	957,726	718,193	156,165	270,341	291,687	239,533	52,365	966	226,262
67	Pike	58	257,147	139,397	37,947	45,255	56,195	117,750	121,363	175	48,331
68	Portage	175	1,129,114	665,539	103,140	297,588	264,811	463,575	64,481	1,141	469,565
69	Preble	146	419,915	249,364	62,734	72,925	113,705	170,551	32,643	547	153,950
70	Putnam	146	952,018	638,425	204,395	112,375	321,655	313,593	54,383	982	299,420
71	Richland	180	5,011,679	1,388,310	177,513	504,937	705,860	3,623,369	460,392	2,605	1,071,586
72	Ross	308	1,661,367	843,477	149,488	287,125	406,864	817,890	164,907	2,501	962,911
73	Sandusky	265	1,819,114	1,607,392	212,155	299,215	496,922	811,722	146,000	1,703	729,916
74	Scioto	202	2,546,451	1,379,653	341,283	295,066	733,710	1,176,398	425,142	2,751	1,075,923
75	Seneca	364	3,017,420	1,714,252	284,415	597,494	832,343	1,303,168	206,720	3,593	1,529,240
76	Shelby	172	1,123,656	569,911	102,755	192,755	274,401	553,745	92,831	989	353,731
77	Stark	733	14,143,873	5,438,245	969,257	1,949,173	2,528,815	8,705,628	1,122,617	9,895	5,077,033
78	Summit	452	15,205,851	6,969,858	1,191,660	1,957,437	2,920,761	9,136,993	1,042,477	7,264	3,660,564
79	Trumbull	227	3,971,777	2,100,352	244,843	437,085	1,418,424	1,871,425	349,776	3,566	1,927,586
80	Tuscarawas	185	2,101,974	1,150,710	147,233	395,305	608,172	951,264	115,828	2,473	1,265,546
81	Union	88	332,901	188,132	25,742	46,385	116,005	144,769	15,737	374	117,663
82	Van Wert	82	566,198	346,324	49,690	88,008	208,626	219,874	36,288	655	222,403
83	Vinton	32	122,170	82,740	11,865	26,560	44,315	39,430	3,211	175	67,065
84	Warren	342	2,454,389	1,582,945	312,130	596,738	680,077	871,435	296,585	1,688	652,386
85	Washington	163	905,671	450,585	75,756	177,500	197,335	455,086	65,080	943	328,198
86	Wayne	229	1,368,611	710,758	106,195	218,319	386,244	657,853	81,504	1,159	468,956
87	Williams	82	510,576	309,853	24,858	119,575	165,420	200,723	44,483	657	184,327
88	Wood	167	1,329,324	891,788	311,322	206,721	373,745	428,536	64,910	1,479	492,008
89	Wyandot	67	412,699	275,855	38,180	94,100	143,575	136,754	21,443	363	116,391

OKLAHOMA.

BY SPECIFIED INDUSTRIES.

1	All industries	72	95,519	72,936	13,412	8,419	51,114	22,583	21,970	195	71,918
2	Blacksmithing and wheelwrighting	26	6,987	5,327	1,630	1,265	2,492	1,660	707	31	13,412
3	Boots and shoes, custom work and repairing.	3	2,015	775	50	300	425	1,240	190	3	1,121
4	Brick and tile	3	2,990	2,550	1,500	500	550	440	300	16	6,684
5	Carpentering	5	3,033	2,576	1,769	245	625	463	265	9	2,744
6	Lumber and other mill products from logs or bolts.	8	16,605	11,380	289	1,350	9,750	5,225	2,075	35	6,570
7	Printing and publishing, newspapers and periodicals.	15	46,145	39,709	2,759	1,800	35,150	6,445	17,736	83	32,131
8	Saddlery and harness	7	6,417	2,262	1,462	400	460	4,155	222	11	4,732
9	All other industries (a)	5	11,327	8,272	4,199	2,619	1,662	2,955	445	7	4,524

a Embraces furniture, cabinetmaking, repairing and upholstering, 2; tinsmithing, coppersmithing, and sheet-iron working, 2; tobacco, cigars and cigarettes, 1.

BY COUNTIES.

1	The Territory	72	95,519	72,936	13,412	8,410	51,114	22,583	21,970	195	71,918
2	Canadian	4	2,070	1,000	50	200	750	1,070	843	8	2,295
3	Kingfisher	11	6,243	3,750	235	590	2,925	2,493	1,541	20	7,204
4	Logan	24	31,819	22,774	2,667	1,650	18,457	9,045	14,875	73	26,932
5	Oklahoma	18	37,147	32,612	9,200	4,695	18,657	4,535	1,955	55	25,024
6	Payne	8	11,570	7,670	420	450	6,800	3,900	2,122	21	6,490
7	All other counties and unassigned land. (a)	7	6,979	5,130	786	825	3,525	1,540	634	18	3,973

a Includes establishments distributed as follows: Beaver, 2; Cleveland, 1; unassigned land, 4.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

OHIO—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
34	$13,870	.....	.....	115	$28,950	1	$60	1	$120	4	$900	1	$100	2	$52	$156,014	$245,208	57
1,455	1,213,149	160	$69,712	8,651	4,319,962	1,269	273,290	242	35,957	1,623	700,041	796	206,610	12	1,887	13,439,586	26,376,295	58
57	30,421	1	200	187	59,383	13	1,980	.....	.....	58	21,394	43	7,710	.....	.....	229,418	428,878	59
59	27,510	.....	.....	191	51,757	4	225	6	250	22	4,726	1	160	.....	.....	259,681	431,188	60
362	265,904	29	8,837	2,492	1,048,943	366	58,276	66	8,024	450	237,588	284	50,685	6	432	3,578,471	6,516,154	61
47	19,337	1	100	63	15,997	31	4,730	1	156	9	1,580	21	3,200	.....	.....	129,537	228,129	62
67	35,422	.....	.....	712	226,567	5	1,335	15	2,040	53	17,766	.....	.....	12	1,200	532,734	1,104,888	63
76	33,810	1	480	666	179,549	5	666	17	1,775	114	20,337	1	52	8	1,440	354,390	797,109	64
56	35,336	1	300	403	149,181	.....	.....	20	2,000	18	4,850	.....	.....	.....	.....	961,700	1,316,107	65
97	48,153	1	200	661	153,365	156	3,288	16	710	35	14,546	.....	.....	.....	.....	744,634	1,272,928	66
33	14,672	4	1,116	117	27,883	6	850	4	410	11	3,400	.....	.....	.....	.....	308,366	539,604	67
124	72,823	9	3,368	837	337,273	83	17,015	.....	.....	88	39,086	.....	.....	.....	.....	1,258,656	2,039,836	68
92	37,606	9	2,538	359	93,262	27	4,550	5	375	32	8,844	23	6,775	.....	.....	360,374	589,276	69
83	42,914	3	612	827	243,471	10	1,526	31	3,021	22	7,780	.....	.....	6	96	585,095	1,163,706	70
273	219,768	18	6,597	1,448	576,851	272	53,745	55	6,610	306	157,695	233	50,320	.....	.....	2,877,225	5,125,064	71
288	226,730	69	28,116	1,464	560,655	269	50,695	22	1,280	234	70,754	152	24,481	3	280	1,709,541	3,350,124	72
284	196,700	26	9,888	1,088	454,016	206	33,888	22	2,516	66	29,770	11	3,132	.....	.....	1,467,999	2,916,782	73
244	185,552	18	7,146	1,867	689,583	279	73,329	12	1,085	176	83,378	152	35,575	3	275	1,665,491	3,866,672	74
345	216,610	41	15,618	2,402	1,079,102	286	57,083	297	54,528	199	101,289	23	5,010	.....	.....	2,022,689	4,287,001	75
135	67,080	6	1,608	762	264,472	32	6,596	7	565	42	12,410	5	1,000	.....	.....	834,604	1,635,808	76
923	739,204	85	31,794	6,395	3,140,179	571	158,082	80	8,751	1,400	805,091	431	193,828	1	104	7,049,278	15,885,205	77
604	539,498	75	29,181	4,836	2,322,836	535	114,147	14	1,979	985	542,108	190	45,728	25	5,087	7,801,011	14,224,367	78
318	220,089	15	6,416	3,047	1,651,786	54	13,027	11	2,349	63	25,733	39	7,000	19	1,180	5,165,419	8,321,092	79
201	113,473	2	620	1,942	985,474	41	7,415	18	2,537	259	154,971	2	616	8	440	2,428,331	4,219,899	80
90	39,342	.....	.....	265	71,568	4	945	1	100	12	6,500	2	208	.....	.....	241,817	470,621	81
68	31,388	1	300	548	182,516	11	1,353	13	676	14	6,170	.....	.....	.....	.....	373,857	827,229	82
26	8,289	1	416	148	58,360	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	98,243	201,347	83
305	228,441	62	30,154	847	319,608	220	36,322	2	115	214	30,304	38	7,442	.....	.....	1,540,502	2,945,341	84
158	87,548	13	4,696	555	181,972	31	5,730	8	405	100	37,390	71	10,047	7	410	1,016,128	1,674,361	85
222	136,325	18	5,511	738	271,249	65	13,437	7	598	90	38,110	19	3,726	.....	.....	1,661,244	2,613,476	86
78	33,699	2	550	536	140,221	21	2,271	9	724	11	6,862	.....	.....	.....	.....	343,782	732,167	87
161	78,949	.....	.....	1,056	317,854	16	1,560	68	6,931	178	86,714	.....	.....	.....	.....	757,691	1,660,394	88
63	25,589	.....	.....	278	82,441	1	104	1	20	17	7,925	3	312	.....	.....	323,281	567,304	89

OKLAHOMA.

BY SPECIFIED INDUSTRIES.

48	19,592	.....	.....	132	50,260	3	620	11	1,046	1	400	.....	.....	.....	.....	56,518	180,445	1
19	8,172	.....	.....	11	4,840	.....	.....	.....	.....	1	400	.....	.....	.....	.....	8,539	27,708	2
2	705	.....	.....	1	416	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,425	3,200	3
2	497	.....	.....	14	6,187	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,491	11,500	4
4	1,218	.....	.....	5	1,526	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,946	7,800	5
6	1,400	.....	.....	29	5,170	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,900	27,260	6
9	4,340	.....	.....	60	26,125	3	620	11	1,046	.....	.....	.....	.....	.....	.....	14,398	72,905	7
3	1,544	.....	.....	8	3,188	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,292	13,848	8
3	1,716	.....	.....	4	2,808	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,527	16,224	9

BY COUNTIES.

48	19,592	.....	.....	132	50,260	3	620	11	1,046	1	400	.....	.....	.....	.....	56,518	180,445	1
3	908	.....	.....	5	1,387	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,346	4,650	2
8	3,278	.....	.....	12	3,926	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,916	18,180	3
15	6,074	.....	.....	46	19,592	2	320	9	546	1	400	.....	.....	.....	.....	16,461	66,836	4
12	5,348	.....	.....	40	18,876	1	300	2	500	.....	.....	.....	.....	.....	.....	18,022	57,324	5
4	1,740	.....	.....	17	4,750	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,994	22,530	6
6	2,244	.....	.....	12	1,729	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,779	10,925	7

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

OREGON.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	1,523	$32,122,051	$19,865,297	$8,147,763	$4,380,451	$7,337,083	$12,256,754	$2,108,668	18,798	$11,535,229
2	Agricultural implements	3	8,027	3,710	280	1,630	1,800	4,317	403	4	2,830
3	Awnings, tents, and sails	3	455,623	22,060	.....	.....	22,060	433,563	17,192	66	48,780
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	148	188,842	90,574	22,645	23,765	44,164	98,268	19,007	289	175,410
5	Bookbinding and blank-book making. (See also Printing and publishing.)	3	47,900	28,000	.....	.....	28,000	19,900	7,714	73	32,070
6	Boots and shoes, custom work and repairing.	35	56,335	24,155	10,250	6,000	7,905	32,180	7,419	74	51,739
7	Bread and other bakery products	12	109,699	46,700	.....	.....	46,700	62,999	24,235	137	105,548
8	Brick and tile. (See also Clay and pottery products.)	47	656,151	403,155	294,750	39,455	68,950	252,996	15,237	701	237,773
9	Bridges	4	521,800	171,900	71,250	56,150	44,500	349,900	8,550	516	379,700
10	Carpentering	70	991,590	520,515	334,500	144,540	41,475	471,075	127,500	1,100	1,027,151
11	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	25	230,137	121,515	53,850	17,050	50,615	108,622	18,522	158	130,682
12	Cars and general shop construction and repairs by steam railroad companies.	5	2,815,997	2,573,720	876,806	1,272,299	424,615	242,277	.....	1,129	934,439
13	Cheese, butter, and condensed milk, factory product.	12	86,290	78,400	47,100	15,600	15,700	7,890	3,608	32	10,750
14	Chemicals. (See also Paints.)	3	66,250	8,000	.....	.....	8,000	58,250	8,245	24	26,220
15	Clothing, men's, custom work and repairing.	19	130,790	17,215	6,000	3,500	7,715	113,575	18,295	168	113,303
16	Clothing, men's, factory product	5	119,715	1,975	.....	.....	1,975	117,740	56,823	73	50,060
17	Clothing, women's, dressmaking	8	37,025	2,500	.....	.....	2,500	34,525	7,215	133	53,954
18	Clothing, women's, factory product	3	74,400	1,900	.....	.....	1,900	72,500	6,223	81	41,960
19	Coffins and burial cases, trimming and finishing.	6	55,375	8,525	200	300	8,025	46,850	7,073	15	12,512
20	Confectionery	9	291,245	123,750	50,000	25,000	48,750	167,495	33,834	166	101,156
21	Cooperage	9	23,780	14,780	8,650	3,230	2,900	9,000	6,443	35	23,120
22	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	15	90,675	11,250	.....	.....	11,250	79,425	23,180	68	60,360
23	Dyeing and cleaning	3	3,950	2,100	.....	.....	2,100	1,850	1,398	15	10,000
24	Fish, canning and preserving	15	1,365,800	867,050	372,000	220,000	275,050	498,750	92,972	1,524	330,186
25	Flouring and grist mill products	86	2,247,389	1,426,143	210,330	418,750	797,063	821,246	189,421	399	237,935
26	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	23	914,986	540,685	188,900	43,700	308,085	374,301	48,802	498	418,665
27	Furnishing goods, men's. (See also Shirts.)	3	6,140	1,090	.....	.....	1,090	5,050	2,295	33	16,950
28	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	17	119,140	22,300	7,350	7,550	7,400	90,840	9,365	105	84,844
29	Furniture, factory product. (See also Furniture, chairs.)	13	596,612	230,662	80,000	75,000	75,662	365,950	65,191	470	329,614
30	Gas, illuminating and heating	4	1,203,262	1,158,500	284,000	421,500	453,000	44,762	14,580	34	29,040
31	Hand stamps	3	5,550	3,400	.....	.....	3,400	2,150	896	7	4,890
32	Ice, artificial	4	261,500	250,000	52,500	47,500	150,000	11,500	8,051	28	24,720
33	Jewelry. (See also Watch, clock, and jewelry repairing.)	4	59,600	6,600	.....	.....	6,600	53,000	5,130	32	33,094
34	Leather, tanned and curried	13	128,750	54,200	23,250	18,800	12,150	74,550	3,510	45	30,012
35	Liquors, malt. (See also Bottling.)	13	805,135	582,746	242,743	179,886	160,117	222,389	153,826	100	89,059
36	Lock and gun smithing	5	5,325	2,550	100	200	2,250	2,775	1,418	8	5,110
37	Looking-glass and picture frames	4	10,750	2,750	.....	.....	2,750	17,000	4,128	23	20,140
38	Lumber and other mill products from logs or bolts.	300	7,542,835	5,260,569	2,531,374	564,070	2,165,125	2,282,266	334,244	3,777	1,660,671
39	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	40	693,022	267,694	54,530	34,750	178,414	425,328	35,782	405	281,672
40	Marble and stone work. (See also Monuments and tombstones.)	6	63,650	40,575	35,000	2,400	3,175	23,075	3,866	31	31,720
41	Masonry, brick and stone. (See also Plastering and stuccowork.)	31	941,700	489,700	328,500	121,450	39,750	452,000	27,387	1,454	1,202,657
42	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	3	11,975	3,700	.....	.....	3,700	8,275	952	17	11,240
43	Millinery, custom work	13	42,375	1,650	.....	.....	1,650	40,725	11,548	80	43,254
44	Mineral and soda waters. (See also Bottling.)	8	38,315	25,665	1,825	2,500	21,240	12,750	3,250	34	25,068
45	Monuments and tombstones. (See also Marble and stone work.)	5	10,555	1,955	500	800	655	8,600	1,627	11	7,700
46	Painting and paper hanging	84	134,800	46,550	27,500	5,500	13,550	88,250	14,639	368	304,995

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

OREGON.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecewerkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1,956	$1,916,929	82	$58,566	14,694	$8,856,556	649	$234,946	197	$31,840	1,060	$376,052	157	$59,550	3	$790	$21,793,578	$41,432,174	1
2	1,560			2	1,270											2,167	6,239	2
12	17,360	1	840	34	20,980	19	9,600									369,085	458,058	3
132	80,926			153	93,743			1	236	3	505					119,384	373,442	4
4	3,468	2	1,324	18	11,386	39	13,292					10	2,600			28,700	76,400	5
31	25,237			36	22,382	1	200			6	3,920					33,681	103,589	6
28	34,924			89	65,968	3	970	17	3,686							284,626	508,817	7
38	38,069			649	198,601			12	1,023	2	80					66,230	461,648	8
11	17,200			505	362,500											444,670	965,009	9
81	124,070			1,018	902,381			1	100							1,853,787	3,356,393	10
33	33,319			125	97,363											86,701	296,580	11
28	26,700			1,101	907,739											781,217	1,750,926	12
2	971			28	9,233	2	546									45,265	66,426	13
6	15,000			13	9,120	5	2,100									59,100	155,060	14
26	26,770	1	700	33	24,856	13	4,540	1	312	85	51,181	9	4,944			135,923	307,822	15
8	7,020			40	31,040					25	12,000					299,540	462,970	16
1	1,300	10	9,154	2	1,560	120	42,000									98,629	178,750	17
5	5,300	6	4,200	5	3,960	45	22,500	10	2,500	10	3,500					84,175	149,220	18
9	7,512			6	5,000											36,845	68,625	19
28	26,664	5	2,950	87	57,936	46	13,606									288,084	542,800	20
9	7,630			26	15,490											21,309	56,129	21
30	35,310	1	350	37	24,700											74,775	184,675	22
4	4,250			5	3,500	6	2,250									3,090	16,300	23
51	29,362			892	206,196			6	200	575	94,428					1,066,127	1,643,324	24
117	85,364	1	1,200	267	144,254			1	125	12	6,952			1	40	3,386,917	4,184,473	25
41	60,321			441	345,648	4	3,140	3	556	9	9,000					561,707	1,209,385	26
13	9,150			20	7,800											22,450	48,600	27
23	24,140			69	51,028	11	8,476			2	1,200					118,432	271,415	28
57	66,436	2	1,260	340	226,259	8	2,500	11	3,030	52	30,129					590,136	1,270,475	29
7	4,500			27	24,540											69,035	239,458	30
4	3,200			2	1,440			1	250							2,300	12,700	31
4	6,000			24	18,720											22,900	137,500	32
8	11,050			22	21,680			2	364							41,400	92,654	33
15	11,816			30	18,196											110,522	164,193	34
20	21,819			79	66,940	1	300									165,887	613,316	35
3	2,600			5	2,510											3,228	11,120	36
7	7,820			16	12,320											16,550	48,700	37
298	195,196	3	870	3,429	1,454,847	18	2,698	2	200	25	6,110			2	750	2,979,202	5,994,915	38
59	56,312			338	222,040	1	200	3	720	4	2,400					542,115	1,070,510	39
8	10,000			23	21,720											18,400	69,400	40
47	76,635			1,404	1,124,622			2	1,000	1	400					1,478,385	2,980,810	41
4	3,350			10	6,690	3	1,200									18,710	40,575	42
4	4,680	19	14,315			51	22,259					6	2,000			103,775	179,410	43
14	13,968	1	660	19	10,500											17,553	63,585	44
4	3,500			7	4,200											9,858	22,600	45
61	72,780	3	1,300	302	230,415			2	500							272,660	651,725	46

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

OREGON—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.	Miscellaneous expenses.	Aggregate.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
47	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	5	$65,495	$5,800	$100	$150	$5,550	$59,695	$7,248	31	$21,122
48	Paving and paving materials	11	163,910	103,550	56,250	28,600	18,700	60,360	16,612	202	157,023
49	Photography	10	41,625	19,750			19,750	21,875	12,134	59	44,004
50	Plastering and stuccowork. (See also Masonry, brick and stone.)	13	109,350	70,550	52,000	14,400	4,150	38,800	5,635	114	117,900
51	Plumbing and gas fitting	16	172,975	28,250	10,000	1,000	17,250	144,725	11,722	189	153,198
52	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	19	207,157	149,389			149,389	57,768	22,553	161	128,725
53	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	111	653,419	396,535	19,500	32,435	344,600	256,884	172,662	700	556,889
54	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	3	92,550	47,000	24,000	10,000	13,000	45,550	9,380	75	68,145
55	Saddlery and harness	39	263,743	47,406	19,885	12,550	14,971	216,337	16,608	133	74,679
56	Shipbuilding	14	305,220	252,220	120,950	33,970	88,300	53,000	9,508	208	135,222
57	Shirts. (See also Furnishing goods, men's.)	3	8,775	1,650			1,650	7,125	930	32	22,510
58	Slaughtering and meat packing, wholesale. (See also Slaughtering, wholesale, not including meat packing.)	5	439,600	178,000	80,000	67,000	31,000	261,600	16,718	100	108,400
59	Timber products, not manufactured at mill.	50	560,165	400,470	229,645		170,825	159,695	65,815	757	224,798
60	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	26	277,240	61,950	18,450	28,500	15,000	215,290	28,489	98	86,918
61	Tobacco, cigars and cigarettes	12	56,045	8,880	1,000	5,400	2,480	47,165	12,071	58	31,783
62	Trunks and valises	4	35,925	975			975	34,950	4,740	22	12,340
63	Upholstery materials. (See also Woolen goods.)	3	19,970	10,250		3,000	7,250	9,720	1,621	16	11,400
64	Watch, clock, and jewelry repairing. (See also Jewelry.)	9	13,800	4,700			4,700	9,100	3,405	22	21,492
65	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	4	3,915	1,410			1,410	2,505	647	8	3,259
66	Woolen goods. (See also Gloves and mittens.)	6	1,350,585	342,820	54,600	96,306	191,914	1,007,765	86,906	402	175,313
67	All other industries (a)	66	3,000,825	2,170,709	1,235,700	274,265	660,744	830,116	153,258	873	527,356

a Embraces babbitt metal and solder, 1; baskets and rattan and willow ware, 1; bicycles and tricycles, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; bottling, 2; boxes, fancy and paper, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; brooms and brushes, 2; carriage and wagon materials, 2; cars and general shop construction and repairs by street railroad companies, 2; clay and pottery products, 1; coffee and spice, roasting and grinding, 2; cordage and twine, 1; corsets, 1; cutlery and edge tools, 1; dentistry, mechanical, 2; fancy articles, not elsewhere specified, 1; fruits and vegetables, canning and preserving, 2; fur goods, 2; furniture, chairs, 2; gloves and mittens, 1; grease and tallow, 1; hairwork, 2; hand knit goods, 1; hardware, 1; hats and caps, not

BY COUNTIES.

1	The State	1,523	32,122,051	19,865,297	8,147,763	4,380,451	7,337,083	12,256,754	2,108,668	18,798	11,535,229
2	Baker	16	211,920	156,075	58,350	19,300	78,425	55,845	12,457	181	81,358
3	Benton	27	201,475	127,240	42,350	18,200	66,690	74,235	9,713	186	60,564
4	Clackamas	46	1,808,004	789,026	125,164	138,650	525,212	1,018,978	88,379	678	319,078
5	Clatsop	38	1,074,685	643,375	255,050	117,050	271,275	431,310	141,541	1,052	335,973
6	Columbia	29	480,225	297,750	116,200	36,750	144,800	182,475	30,222	316	124,215
7	Coos	37	2,539,372	2,184,570	1,308,870	210,475	665,225	354,802	65,778	734	307,339
8	Crook	9	36,445	24,080	7,560	6,750	9,770	12,365	2,534	24	10,195
9	Curry	5	192,226	144,550	103,550	22,100	18,900	47,676	5,327	87	12,416
10	Douglas	44	447,816	295,167	91,434	45,695	158,038	152,649	22,035	310	103,457
11	Gilliam	14	43,123	27,180	2,515	7,085	17,580	15,943	2,294	34	9,558
12	Grant	8	24,835	14,150	875	3,400	9,875	10,685	2,768	22	6,542
13	Harney	7	28,785	20,440	4,840	3,900	11,700	8,325	1,069	25	7,249
14	Jackson	31	230,952	140,570	17,550	35,695	87,325	90,382	16,522	189	54,402
15	Josephine	17	120,295	88,530	34,960	8,620	44,950	31,765	8,840	106	31,534
16	Klamath	13	68,059	46,604	20,364	6,900	19,340	21,455	4,679	40	18,792
17	Lake	16	83,695	48,155	7,900	8,200	32,055	35,540	4,341	50	14,808
18	Lane	75	667,385	380,920	109,080	82,150	189,690	306,465	50,482	585	196,606
19	Linn	69	663,735	335,829	55,310	78,776	201,743	327,906	42,275	407	164,811
20	Malheur	7	7,625	4,535	150	310	4,075	3,090	1,236	16	6,827
21	Marion	80	1,061,920	622,308	180,350	135,360	306,088	439,612	95,010	606	276,554

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

OREGON—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 10 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
11	$10,600	1	$600	14	$8,914	5	$1,008	.....	.....	.....	.....	.....	.....	.....	.....	$23,840	$68,975	47
15	20,520	.....	.....	181	133,503	.....	.....	.....	.....	6	$3,000	.....	.....	.....	.....	158,600	368,000	48
12	16,500	1	1,500	27	17,200	17	8,304	.....	.....	2	500	.....	.....	.....	.....	28,420	108,700	49
19	27,600	.....	.....	91	89,050	.....	.....	1	$50	3	1,200	.....	.....	.....	.....	104,943	254,168	50
31	34,218	1	600	155	116,844	1	600	.....	.....	1	936	.....	.....	.....	.....	300,415	572,195	51
27	29,341	.....	.....	102	84,389	18	7,095	3	680	11	7,220	.....	.....	.....	.....	57,228	251,757	52
118	130,751	9	6,929	354	286,170	79	31,548	45	5,336	83	86,207	12	$9,948	.....	.....	209,813	1,130,762	53
9	12,700	.....	.....	66	55,445	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	98,630	215,330	54
36	26,230	.....	.....	90	44,459	.....	.....	.....	.....	7	3,990	.....	.....	.....	.....	143,218	292,381	55
9	7,597	.....	.....	199	127,625	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	119,036	320,715	56
9	9,500	.....	.....	16	10,400	5	1,860	.....	.....	.....	.....	2	750	.....	.....	24,297	55,620	57
18	35,100	.....	.....	81	73,050	.....	.....	1	250	.....	.....	.....	.....	.....	.....	1,222,330	1,570,935	58
19	8,785	.....	.....	634	185,813	24	5,160	.....	.....	80	25,040	.....	.....	.....	.....	82,237	535,842	59
34	35,006	2	1,300	60	49,640	1	900	.....	.....	1	72	.....	.....	.....	.....	248,295	447,092	60
12	10,088	.....	.....	23	13,970	.....	.....	4	750	17	6,975	.....	.....	.....	.....	31,797	92,460	61
6	3,900	.....	.....	14	8,200	.....	.....	2	240	.....	.....	.....	.....	.....	.....	12,150	40,000	62
2	2,700	.....	.....	14	8,700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,900	53,650	63
7	9,250	.....	.....	14	12,146	.....	.....	1	96	.....	.....	.....	.....	.....	.....	10,737	42,032	64
3	909	.....	.....	5	2,350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,510	22,428	65
44	32,775	.....	.....	164	77,961	31	6,087	23	3,625	37	18,507	103	36,358	.....	.....	327,502	614,932	66
118	131,700	13	8,574	612	357,514	72	20,007	42	6,011	1	600	15	2,950	.....	.....	1,716,448	2,807,548	67

including wool hats, 2; iron and steel, 1; ironwork, architectural and ornamental, 1; lime and cement, 1; liquors, vinous, 1; models and patterns, 1; oil, illuminating, not including petroleum, refining, 1; paints, 1; paper, 2; pickles, preserves, and sauces, 1; pumps, not including steam pumps, 1; saws, 1; show cases, 2; slaughtering, wholesale, not including meat packing, 2; smelting and refining, 1; soap and candles, 2; sporting goods, 1; steam fittings and heating apparatus, 2; tools, not elsewhere specified, 1; vinegar and cider, 1; whips, 1; wood, turned and carved, 1; woodenware, not elsewhere specified, 1.

BY COUNTIES.

1,956	1,916,929	82	58,586	14,694	8,856,556	649	234,946	197	31,840	1,060	376,052	157	59,550	3	$790	21,793,578	41,432,174	1
12	6,743	.....	.....	168	74,415	1	200	.....	.....	.....	.....	.....	.....	.....	.....	109,428	236,300	2
16	10,070	.....	.....	166	49,369	1	350	2	100	1	675	.....	.....	.....	.....	102,757	201,398	3
60	41,437	1	500	481	223,020	5	2,300	12	2,000	35	18,265	84	32,150	.....	.....	675,617	1,203,418	4
57	36,179	.....	.....	519	203,250	15	5,812	7	554	448	85,118	6	3,060	.....	.....	813,561	1,470,204	5
25	14,118	2	1,020	245	91,869	8	1,948	.....	.....	36	15,260	.....	.....	.....	.....	145,233	399,466	6
33	32,728	3	950	655	263,109	15	3,260	6	770	22	6,522	.....	.....	.....	.....	481,485	997,237	7
3	2,780	.....	.....	20	7,055	1	360	.....	.....	.....	.....	.....	.....	.....	.....	20,917	43,380	8
7	3,180	.....	.....	76	9,086	.....	.....	4	150	.....	.....	.....	.....	.....	.....	76,850	109,964	9
31	14,597	.....	.....	230	81,968	5	1,430	.....	.....	44	5,402	.....	.....	.....	.....	224,641	437,804	10
11	4,574	.....	.....	22	4,944	.....	.....	.....	.....	1	40	.....	.....	.....	.....	17,255	35,429	11
4	1,130	.....	.....	17	5,362	1	50	.....	.....	.....	.....	.....	.....	.....	.....	9,991	26,340	12
5	1,553	.....	.....	19	5,488	1	208	.....	.....	.....	.....	.....	.....	.....	.....	7,856	23,800	13
29	15,271	.....	.....	123	35,976	15	2,995	2	160	.....	.....	.....	.....	.....	.....	210,160	316,301	14
11	4,242	.....	.....	92	26,624	2	616	1	52	.....	.....	.....	.....	.....	.....	43,671	108,242	15
14	7,056	.....	.....	26	11,736	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33,009	68,970	16
13	5,110	.....	.....	37	9,898	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,428	52,165	17
70	38,742	.....	.....	504	155,566	7	1,490	3	736	1	72	.....	.....	.....	.....	457,556	863,499	18
77	49,649	1	520	251	97,306	19	6,282	23	3,239	17	4,607	19	4,208	.....	.....	370,700	676,571	19
8	4,671	.....	.....	5	1,844	.....	.....	2	156	1	156	.....	.....	.....	.....	3,499	13,327	20
91	65,094	.....	.....	432	194,028	47	8,322	27	2,070	6	5,600	2	1,400	1	40	858,590	1,430,971	21

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

OREGON—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
22	Morrow	9	$75,350	$37,850	$10,700	$8,400	$18,750	$37,500	$7,202	46	$19,096
23	Multnomah	610	18,875,815	11,268,562	5,068,946	2,873,810	3,325,806	7,607,253	1,300,299	10,734	8,232,519
24	Polk	37	265,341	174,320	54,165	37,480	82,675	91,021	13,104	203	80,140
25	Sherman	7	36,750	20,650	2,400	6,006	12,250	16,100	978	19	13,902
26	Tillamook	13	102,719	65,615	8,350	23,220	34,045	37,104	12,276	222	75,549
27	Umatilla	30	465,537	319,662	92,140	61,660	165,862	145,875	44,344	159	81,823
28	Union	79	859,619	544,975	145,465	107,970	291,540	314,644	32,888	604	238,084
29	Wallowa	15	48,160	35,565	6,106	4,915	24,350	12,795	2,656	48	12,180
30	Wasco	43	790,951	618,706	113,850	192,300	312,556	172,245	37,260	671	447,450
31	Washington	45	348,470	232,763	62,300	36,005	134,458	115,707	26,012	258	112,787
32	Yamhill	47	260,782	175,775	40,415	43,325	92,035	85,007	24,155	206	78,821

PENNSYLVANIA.

BY SPECIFIED INDUSTRIES.

1	All industries	39,339	991,243,115	565,477,195	111,859,797	135,112,770	258,504,628	485,765,920	74,841,458	620,562	305,591,003
2	Agricultural implements	94	4,457,464	1,981,553	438,355	779,682	763,516	2,475,911	262,430	1,895	898,496
3	Ammunition	6	1,422,245	1,041,887	191,700	609,110	241,077	380,358	24,143	325	139,075
4	Artificial feathers and flowers. (See also Millinery and lace goods.)	27	262,247	65,815	30,000	12,200	23,615	196,432	17,374	658	192,364
5	Artificial limbs. (See also Surgical appliances.)	7	16,960	8,085	10	50	8,025	8,875	4,416	25	19,236
6	Artists' materials	9	84,635	37,300	16,000	7,000	20,300	47,335	7,673	54	36,970
7	Awnings, tents, and sails	67	185,454	20,125	2,000	1,500	16,625	165,320	16,997	256	158,728
8	Axle grease	5	21,280	11,700	5,000	3,300	3,400	9,580	1,190	14	7,088
9	Babbitt metal and solder	9	247,195	50,950	27,000	13,500	10,450	196,245	10,058	55	41,508
10	Bags, other than paper	5	1,389,450	641,250	60,000	200,000	381,250	748,200	82,403	684	221,260
11	Bags, paper	13	365,269	188,703	29,000	50,000	109,703	176,566	22,706	247	104,779
12	Baking and yeast powders	9	65,850	13,950	3,300	5,200	5,450	51,900	10,994	45	23,040
13	Baskets and rattan and willow ware	62	82,872	28,617	8,275	10,800	9,542	54,255	9,443	172	72,681
14	Belting and hose, leather	11	314,006	90,900	16,700	21,800	52,400	223,106	11,630	70	53,188
15	Bicycle and tricycle repairing	7	13,660	9,210	3,000	2,000	4,210	4,450	1,645	20	10,724
16	Bicycles and tricycles	3	30,100	17,200	5,000	5,000	7,200	12,900	1,975	23	12,596
17	Billiard tables and materials	4	47,200	11,950	3,000	5,000	3,950	35,250	3,538	26	13,924
18	Blacking. (See also Cleansing and polishing preparations.)	9	513,197	186,981	43,000	50,000	93,981	326,216	113,236	299	135,614
19	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	2,836	3,582,679	2,116,134	692,505	890,472	533,157	1,466,545	206,147	4,773	2,423,586
20	Bluing	13	56,788	14,630	2,300	4,750	7,580	42,158	7,343	64	26,561
21	Bone, ivory, and lamp black. (See also Paints.)	11	1,027,385	821,133	445,500	175,633	200,000	206,252	22,068	208	124,383
22	Bookbinding and blank-book making. (See also Printing and publishing.)	98	1,569,168	797,321	5,245	13,488	778,588	771,847	138,638	1,962	864,669
23	Boot and shoe cut stock	8	56,930	14,045	1,600	2,200	10,245	42,885	5,815	72	22,214
24	Boot and shoe findings	6	42,847	25,725	3,600	4,800	17,325	17,122	11,141	118	41,906
25	Boot and shoe uppers	51	251,394	93,390	27,500	35,006	30,890	158,004	19,571	297	127,266
26	Boots and shoes, custom work and repairing.	2,180	2,191,183	1,364,735	486,917	628,716	249,102	826,448	259,867	3,797	1,654,985
27	Boots and shoes, factory product	158	5,394,799	1,791,304	265,930	395,910	1,129,464	3,603,495	311,684	7,952	3,398,696
28	Bottling. (See also Liquors, malt; Mineral and soda waters.)	188	1,147,332	729,221	143,616	205,417	380,188	418,111	205,045	894	520,357
29	Boxes, cigar	101	704,747	328,997	65,310	118,850	144,837	375,756	39,024	1,305	390,311
30	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	58	1,469,500	578,991	85,100	142,400	351,491	890,509	102,679	2,503	761,865
31	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	63	948,083	524,020	144,025	141,975	238,020	424,063	69,621	917	460,995
32	Brass	4	34,300	10,800	2,500	1,500	6,800	23,506	1,665	30	19,772
33	Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	64	2,444,637	1,100,518	353,037	284,207	463,274	1,344,119	128,780	1,119	718,353
34	Brassware	13	225,465	94,750	10,000	10,000	74,750	130,715	26,237	163	110,409
35	Bread and other bakery products	1,936	7,866,136	5,600,532	1,877,323	2,549,122	1,264,087	2,175,604	714,970	6,915	3,423,378
36	Brick and tile. (See also Clay and pottery products.)	509	12,917,835	8,345,793	3,414,045	2,543,217	2,388,531	4,572,042	636,165	13,612	4,764,392
37	Bridges	15	3,350,104	1,428,973	289,386	396,856	742,731	1,921,131	182,370	1,981	1,280,574
38	Bronze castings. (See also Brass castings and brass finishing.)	3	279,725	37,449	6,000	6,000	25,449	242,276	22,141	160	83,761
39	Brooms and brushes	188	1,130,966	360,844	120,665	153,400	80,779	770,122	57,283	1,196	509,220
40	Buttons	14	295,356	149,827	4,150	34,500	111,177	145,529	18,702	372	137,435
41	Calcium lights	3	9,520	8,100			8,100	1,420	895	11	5,544

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

OREGON—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
6	$2,880	.....	.....	40	$16,216	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$30,489	$73,241	22
1,067	1,377,903	72	$53,586	8,662	6,356,905	478	$193,329	105	$21,334	304	$210,730	46	$18,732	.....	.....	14,730,867	28,284,692	23
36	22,558	.....	.....	162	56,852	4	480	.....	.....	1	250	.....	.....	.....	.....	190,232	331,436	24
6	5,320	.....	.....	13	8,582	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,708	32,165	25
14	9,124	.....	.....	104	49,875	2	800	.....	.....	100	15,000	.....	.....	2	$750	78,768	223,555	26
34	22,770	1	1,200	116	55,498	5	1,700	1	200	2	455	.....	.....	.....	.....	651,569	868,701	27
56	31,987	.....	.....	513	199,037	3	360	.....	.....	32	6,700	.....	.....	.....	.....	483,643	905,219	28
13	4,015	.....	.....	35	8,165	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,983	48,260	29
56	30,346	.....	.....	609	415,734	3	1,032	1	78	2	260	.....	.....	.....	.....	429,739	1,028,201	30
31	20,152	1	250	221	91,343	2	712	.....	.....	3	330	.....	.....	.....	.....	271,408	501,618	31
60	28,950	1	540	131	46,636	9	1,916	1	235	4	550	.....	.....	.....	.....	201,968	360,300	32

PENNSYLVANIA.

BY SPECIFIED INDUSTRIES.

46,724	40,797,099	3,445	1,418,689	403,655	206,336,642	53,779	14,671,506	10,582	2,984,792	57,284	30,277,371	33,256	8,686,445	2,837	418,459	773,734,637	1,331,794,001	1
156	117,176	1	300	1,554	672,565	2	430	1	75	181	107,944	.....	.....	.....	.....	1,043,263	2,682,718	2
23	28,079	2	1,800	114	77,016	46	13,636	.....	.....	.....	.....	126	17,194	14	1,350	168,661	302,478	3
21	17,630	12	5,644	38	22,346	423	112,467	22	2,677	.....	.....	142	31,700	.....	.....	290,856	629,485	4
11	9,650	.....	.....	13	9,086	.....	.....	.....	.....	1	500	.....	.....	.....	.....	7,131	35,350	5
9	10,320	3	1,428	31	16,318	10	2,704	.....	.....	1	200	.....	.....	.....	.....	48,598	142,537	6
59	41,924	.....	.....	158	108,145	21	4,822	2	312	14	3,480	2	45	.....	.....	254,611	516,475	7
5	3,120	.....	.....	9	3,968	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29,891	43,914	8
16	19,552	.....	.....	39	21,956	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	605,690	740,309	9
47	26,220	4	1,352	260	99,220	266	68,646	.....	.....	45	9,360	62	16,462	.....	.....	2,303,950	3,241,280	10
34	31,524	1	400	93	43,586	92	22,896	.....	.....	15	3,471	12	2,932	.....	.....	397,545	638,628	11
7	5,108	.....	.....	23	14,596	10	2,660	5	676	.....	.....	.....	.....	.....	.....	106,517	177,486	12
46	21,674	1	468	55	20,175	4	460	3	400	55	27,996	5	1,040	3	468	69,840	208,279	13
20	21,799	.....	.....	50	31,389	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	238,260	356,727	14
5	3,360	.....	.....	15	7,364	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,013	22,420	15
5	2,796	.....	.....	18	9,800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,066	32,630	16
3	3,300	.....	.....	16	10,324	1	300	.....	.....	.....	.....	.....	.....	.....	.....	50,454	92,950	17
41	49,342	2	780	64	35,937	30	8,397	49	8,233	63	17,533	50	15,392	.....	.....	364,326	743,002	18
2,316	1,185,404	1	468	2,383	1,220,678	1	800	13	2,614	59	13,622	.....	.....	.....	.....	1,374,760	4,977,475	19
13	11,346	1	400	25	9,116	3	820	9	1,380	9	2,550	4	949	.....	.....	57,010	132,098	20
28	35,800	.....	.....	111	56,783	.....	.....	6	1,300	48	28,800	.....	.....	15	1,700	154,661	502,231	21
173	164,844	12	5,832	755	398,855	540	150,605	55	10,609	144	53,872	283	80,052	.....	.....	892,136	2,377,514	22
6	4,304	.....	.....	19	8,422	5	1,224	1	100	1	800	40	7,364	.....	.....	65,823	103,179	23
7	6,916	.....	.....	12	5,798	59	18,150	1	182	30	9,312	9	1,548	.....	.....	26,544	95,978	24
45	31,795	3	1,161	86	42,906	67	21,622	6	993	21	11,911	69	16,878	.....	.....	208,709	426,609	25
1,790	813,664	16	5,198	1,011	426,990	56	18,185	21	3,420	864	377,069	37	10,105	2	354	1,135,273	3,660,341	26
315	295,212	21	8,896	2,496	1,155,389	1,207	315,267	294	37,377	2,346	1,218,857	1,234	364,120	39	3,572	5,012,096	10,354,850	27
192	166,426	2	1,200	680	346,890	2	650	6	1,182	12	4,009	.....	.....	.....	.....	1,864,904	3,132,048	28
87	52,259	5	1,904	537	200,060	200	36,386	81	10,399	43	10,314	340	77,455	12	1,594	745,982	1,437,772	29
85	82,151	3	1,122	420	191,479	561	112,096	76	8,740	72	18,872	1,218	275,955	68	11,450	840,929	2,012,235	30
77	65,790	1	780	709	348,751	16	3,506	13	2,124	46	28,108	34	6,940	21	4,996	1,028,707	1,747,997	31
8	6,340	.....	.....	22	13,432	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	107,319	136,800	32
155	186,442	2	768	929	519,123	3	1,240	13	3,092	17	7,688	.....	.....	.....	.....	2,076,535	3,652,526	33
18	24,636	3	1,297	119	73,588	.....	.....	5	1,368	18	9,520	.....	.....	.....	.....	140,056	378,555	34
1,846	1,235,330	215	71,425	4,139	1,945,848	441	105,147	125	20,292	36	19,169	111	25,932	2	235	8,857,197	15,785,726	35
456	372,564	10	3,128	11,073	3,929,541	20	4,136	1,015	128,068	908	306,793	.....	.....	130	20,162	1,741,000	9,403,715	36
169	234,728	1	600	1,626	944,030	.....	.....	20	2,363	162	98,044	.....	.....	3	800	3,986,205	6,422,749	37
17	24,156	.....	.....	91	59,337	.....	.....	1	268	.....	.....	.....	.....	.....	.....	425,294	573,812	38
192	138,449	4	1,384	378	146,228	98	19,828	72	10,319	396	180,936	33	9,692	17	2,384	750,166	1,603,592	39
25	21,286	1	364	100	49,311	36	7,436	19	2,464	113	40,530	78	15,984	.....	.....	148,678	386,719	40
3	2,880	.....	.....	5	2,164	.....	.....	.....	.....	3	500	.....	.....	.....	.....	1,401	9,100	41

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

PENNSYLVANIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregatee.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
42	Card cutting and designing	15	$42,010	$14,715	.....	.....	$14,715	$27,295	$4,431	130	$63,794
43	Carpentering	1,389	10,610,190	2,201,235	$768,877	$763,010	669,348	8,408,955	1,088,494	12,727	8,699,085
44	Carpets and rugs, other than rag. (See also Woolen goods.)	142	15,129,619	7,466,300	978,539	2,180,776	4,306,985	7,663,319	820,434	12,674	5,509,895
45	Carpets, rag	287	491,393	272,397	81,650	140,775	49,972	218,996	26,773	785	277,798
46	Carriage and wagon materials	65	1,827,603	881,696	119,385	242,452	519,859	945,907	95,480	1,334	647,461
47	Carriages and sleds, children's	13	242,173	37,665	5,250	7,750	23,665	204,508	24,874	227	115,113
48	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	899	7,459,712	3,636,682	1,237,146	1,689,456	710,080	3,823,030	312,354	5,924	3,043,639
49	Cars and general shop construction and repairs by steam railroad companies.	61	17,475,055	13,126,185	2,114,764	6,755,442	4,255,979	4,348,871	82,909	22,995	12,532,778
50	Cars and general shop construction and repairs by street railroad companies.	6	97,510	55,540	12,000	10,000	33,540	41,970	10,243	277	197,967
51	Cars, steam railroad, not including operations of railroad companies.	15	7,060,466	2,588,205	439,825	994,559	1,153,821	4,472,261	465,900	4,663	1,975,273
52	Cheese and butter, urban dairy product	38	86,050	66,640	15,200	29,900	21,540	19,410	6,903	61	24,407
53	Cheese, butter, and condensed milk, factory product.	300	1,322,384	1,040,273	49,428	483,461	507,384	282,111	61,665	904	322,668
54	Chemicals. (See also Fertilizers; Gunpowder; High explosives; Paints; Varnish.)	71	16,618,052	8,011,974	1,527,215	2,423,041	4,061,718	8,606,078	461,270	3,633	2,090,098
55	China, decorating	14	45,065	11,375	3,100	4,600	3,675	33,690	5,092	33	17,329
56	Clay and pottery products. (See also Brick and tile.)	67	2,680,211	1,671,374	455,411	753,066	462,897	1,017,837	156,104	1,671	745,795
57	Cleansing and polishing preparations. (See also Blacking.)	6	24,700	10,100	.....	.....	10,100	14,600	3,554	44	21,010
58	Cloth, sponging and refinishing	3	55,350	43,000	10,000	11,500	21,500	12,350	2,741	51	31,052
59	Clothing, horse	11	303,332	41,985	10,950	19,800	11,235	261,347	13,724	276	82,795
60	Clothing, men's, custom work and repairing.	1,343	7,804,087	2,121,664	880,466	930,134	311,064	5,682,423	703,637	9,553	4,742,778
61	Clothing, men's, factory product	337	15,609,046	770,835	235,400	260,100	275,335	14,838,211	4,053,254	8,662	4,165,904
62	Clothing, men's, factory product, buttonholes.	17	42,932	22,560	.....	.....	22,560	20,372	3,982	220	93,431
63	Clothing, women's, dressmaking	1,074	727,526	361,304	104,375	156,400	100,529	366,222	149,127	3,600	1,074,837
64	Clothing, women's, factory product	80	1,819,092	274,218	68,100	54,900	153,218	1,544,784	249,188	3,149	905,728
65	Coffee and spice, roasting and grinding	69	1,617,632	518,196	126,100	114,700	277,396	1,099,436	97,577	475	289,044
66	Coffins and burial cases, trimming and finishing.	175	1,190,502	616,238	225,845	263,125	127,268	574,264	52,595	462	285,543
67	Coffins, burial cases, and undertakers' goods.	22	948,681	469,164	173,915	187,188	108,061	479,517	61,177	483	269,791
68	Coke	98	12,000,820	10,962,717	1,068,372	562,962	9,331,383	1,038,103	256,263	5,954	2,976,692
69	Combs	6	94,950	59,400	17,000	8,000	34,400	35,550	5,942	96	42,940
70	Confectionery	461	4,036,191	2,318,165	574,770	935,958	807,437	1,718,026	437,618	3,452	1,438,305
71	Cooperage	184	1,467,675	742,580	325,775	296,866	119,948	725,086	60,671	1,575	804,026
72	Cordage and twine	19	3,009,591	1,549,301	171,900	527,200	850,201	1,460,290	69,654	1,349	439,535
73	Cordials and sirups	4	10,153	2,610	.....	.....	2,610	7,543	4,575	15	6,910
74	Cork, cutting	11	1,205,075	360,850	77,400	183,900	99,550	844,225	67,069	1,366	396,174
75	Corsets	18	136,374	75,949	27,000	39,000	9,949	60,425	11,008	177	57,393
76	Cotton goods. (See also Hosiery and knit goods.)	158	15,884,936	9,248,088	1,057,364	2,526,486	5,664,238	6,636,848	730,125	12,960	4,687,088
77	Cotton waste	19	355,821	116,760	38,500	48,800	29,460	239,061	28,102	132	64,460
78	Crucibles	4	526,175	264,500	121,500	61,500	81,500	261,675	37,093	95	66,790
79	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	51	1,226,680	616,355	200,125	170,000	246,230	610,325	55,851	1,047	505,796
80	Dentistry, mechanical	386	621,367	449,326	122,665	161,205	165,456	172,041	75,889	493	318,780
81	Dentists' materials	6	2,082,871	410,000	67,000	197,000	146,000	1,672,871	360,208	737	670,826
82	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	345	1,518,508	774,041	243,545	371,025	159,471	744,467	120,088	728	359,322
83	Dyeing and cleaning	102	342,241	257,862	93,130	95,650	69,082	84,379	54,416	593	281,154
84	Dyeing and finishing textiles	83	6,296,340	3,791,968	598,647	1,354,200	1,839,121	2,504,372	419,456	3,545	1,803,822
85	Dye stuffs and extracts	8	1,227,100	526,000	53,100	179,900	293,000	701,100	127,183	385	218,304
86	Electrical apparatus and supplies	10	475,169	233,496	41,500	66,000	125,996	241,673	22,767	232	110,478
87	Electroplating	37	588,829	262,428	78,000	76,200	108,228	324,401	29,146	334	176,899
88	Emery wheels	3	195,835	97,865	7,500	23,495	66,870	97,970	17,399	42	32,080
89	Enameling	3	5,828	700	.....	.....	700	5,128	1,012	10	5,212
90	Engravers' materials	5	27,550	9,900	.....	.....	9,900	17,650	2,455	23	15,947
91	Engraving and diesinking	52	72,594	36,835	.....	.....	36,835	35,759	10,732	117	86,538

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

PENNSYLVANIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
17	$16,108	.....	.....	92	$43,203	4	$1,544	5	$789	11	$2,000	1	$150	.....	.....	$32,914	$134,841	42
1,302	1,139,505	5	$1,526	10,985	7,195,218	1	260	29	7,436	405	355,140	.....	.....	.....	.....	12,733,411	26,592,306	43
250	260,795	6	2,831	5,072	2,525,169	3,705	1,367,931	811	152,660	1,454	724,402	1,211	450,209	165	$25,808	13,548,371	22,886,416	44
234	100,635	10	3,545	306	116,347	64	11,364	20	2,548	98	36,465	53	6,894	.....	.....	382,466	821,494	45
110	96,791	2	912	831	355,674	7	2,960	14	1,890	370	189,234	.....	.....	.....	.....	1,059,105	2,089,482	46
32	27,439	2	850	82	40,314	12	4,056	3	462	90	41,226	6	1,766	.....	.....	192,080	435,970	47
763	544,227	4	1,952	4,726	2,304,303	7	735	56	7,831	365	183,465	3	1,126	.....	.....	2,953,396	7,772,104	48
328	223,005	18	7,889	19,194	10,019,497	32	9,076	23	4,785	3,400	2,268,526	.....	.....	.....	.....	15,822,037	28,769,728	49
1	780	.....	.....	276	197,187	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	156,294	370,845	50
126	140,816	2	1,050	3,522	1,396,566	1	480	1	130	1,011	436,231	.....	.....	.....	.....	6,496,258	10,080,722	51
25	11,075	2	482	30	11,878	4	972	.....	.....	.....	.....	.....	.....	.....	.....	83,082	122,811	52
136	55,059	2	462	731	259,199	23	6,391	7	782	5	775	.....	.....	.....	.....	4,433,395	5,319,434	53
335	387,234	14	6,716	2,641	1,478,285	436	116,326	23	5,677	179	93,660	5	2,200	.....	.....	8,138,493	13,144,210	54
11	6,465	1	260	13	7,724	1	260	4	712	3	1,908	.....	.....	.....	.....	11,848	48,250	55
120	103,785	2	1,050	1,337	585,376	103	20,836	37	3,704	71	30,994	.....	.....	1	50	390,164	1,739,953	56
9	7,620	1	260	26	11,406	6	1,274	.....	.....	.....	.....	2	450	.....	.....	27,688	77,656	57
3	2,560	1	364	43	26,928	4	1,200	.....	.....	.....	.....	.....	.....	.....	.....	3,498	46,500	58
15	9,270	.....	.....	62	17,438	47	19,076	3	352	26	8,840	123	27,810	.....	.....	209,863	395,000	59
1,338	1,064,061	29	12,112	2,291	1,347,737	1,215	327,495	88	15,085	2,947	1,581,237	1,621	390,465	24	4,586	5,206,948	12,774,746	60
925	842,638	62	24,749	2,220	1,451,511	1,531	449,952	116	22,056	1,574	761,246	2,180	603,980	54	9,772	14,780,351	26,732,348	61
14	8,452	1	416	55	27,567	60	17,892	5	831	24	9,974	70	28,299	.....	.....	20,076	142,104	62
36	25,949	940	382,870	31	14,751	2,501	613,538	35	3,998	18	7,373	123	24,858	6	1,500	1,013,472	2,672,826	63
117	119,694	43	19,940	237	140,612	590	200,635	116	16,664	335	92,798	1,711	315,385	.....	.....	2,281,471	3,903,596	64
123	114,548	3	1,100	222	127,316	100	35,040	4	699	10	5,708	13	4,633	.....	.....	5,662,194	6,442,595	65
176	129,893	2	1,800	247	138,164	8	2,964	3	410	21	10,776	5	1,536	.....	.....	472,140	1,079,071	66
30	31,960	3	1,100	373	205,280	29	7,786	3	416	32	19,923	13	3,326	.....	.....	480,403	1,086,935	67
98	73,500	1	300	2,825	1,319,326	.....	.....	3	445	3,027	1,583,121	.....	.....	.....	.....	7,280,566	10,415,628	68
9	8,126	.....	.....	64	30,022	12	2,656	7	1,136	4	1,000	.....	.....	.....	.....	48,366	108,578	69
569	427,398	177	58,731	1,461	672,526	681	166,500	84	14,325	134	41,165	342	57,556	4	104	3,852,151	7,129,717	70
161	117,024	2	1,400	972	464,217	.....	.....	24	5,062	412	215,223	.....	.....	4	1,100	1,648,314	2,874,113	71
58	62,911	1	520	560	232,336	269	57,644	308	43,253	57	17,924	96	24,947	.....	.....	2,771,062	3,614,541	72
7	4,520	1	1,000	2	800	.....	.....	2	340	3	250	.....	.....	.....	.....	7,699	27,285	73
22	25,398	.....	.....	427	181,458	681	144,597	236	44,721	.....	.....	.....	.....	.....	.....	868,739	1,626,754	74
5	5,100	13	7,639	9	4,040	127	35,578	2	300	.....	.....	21	4,736	.....	.....	94,534	194,765	75
289	297,329	5	1,742	4,724	2,158,955	5,524	1,714,750	1,398	189,877	267	121,614	734	199,802	19	3,019	10,485,247	18,431,773	76
24	20,453	2	1,320	72	35,657	28	6,100	6	780	1	150	.....	.....	.....	.....	535,209	684,283	77
9	19,760	.....	.....	79	42,090	.....	.....	.....	.....	7	4,940	.....	.....	.....	.....	254,571	397,080	78
73	73,195	1	1,500	488	264,798	8	1,100	13	2,163	466	103,040	.....	.....	.....	.....	441,352	1,255,620	79
388	252,798	.....	.....	107	59,170	1	400	5	416	12	5,996	.....	.....	.....	.....	186,331	798,726	80
142	255,208	1	425	441	267,993	116	39,260	34	5,600	3	2,340	.....	.....	.....	.....	561,714	1,701,840	81
320	189,622	2	812	352	159,182	28	7,136	11	1,514	6	806	2	250	.....	.....	480,394	1,306,719	82
92	63,348	32	12,820	197	113,143	174	50,502	9	1,414	64	29,003	25	10,924	.....	.....	106,556	572,865	83
184	204,802	6	2,455	2,889	1,487,103	202	52,834	179	29,382	75	24,299	10	2,947	.....	.....	2,395,482	5,240,761	84
41	54,334	.....	.....	322	163,670	.....	.....	2	300	.....	.....	.....	.....	.....	.....	866,244	1,410,282	85
23	19,526	.....	.....	108	62,723	83	21,924	10	2,145	8	4,160	.....	.....	.....	.....	430,899	674,565	86
49	43,850	2	1,140	235	115,591	28	7,792	8	1,118	5	4,080	7	3,328	.....	.....	95,859	461,904	87
10	12,530	.....	.....	32	19,550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,981	89,859	88
5	3,000	.....	.....	4	1,848	1	364	.....	.....	.....	.....	.....	.....	.....	.....	3,572	10,400	89
4	4,240	1	600	17	10,982	.....	.....	1	125	.....	.....	.....	.....	.....	.....	7,778	28,809	90
48	44,663	.....	.....	60	40,268	2	300	5	663	2	644	.....	.....	.....	.....	19,252	155,579	91

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

PENNSYLVANIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
92	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	24	$209,961	$112,525	.....	.....	$112,525	$97,436	$27,065	265	$171,895
93	Engraving, wood	37	140,293	22,480	$2,000	$2,000	18,480	117,813	18,529	179	132,124
94	Envelopes	8	373,969	178,233	4,500	10,000	163,733	195,736	28,399	268	115,290
95	Fancy articles, not elsewhere specified	42	305,691	79,520	9,800	11,500	58,220	226,171	48,131	337	126,947
96	Felt goods. (See also Woolen goods.)	3	242,207	120,500	5,500	41,000	74,000	121,707	10,780	176	111,682
97	Fertilizers. (See also Chemicals.)	49	2,719,898	1,476,061	612,364	411,183	452,514	1,243,837	304,660	745	344,238
98	Files. (See also Cutlery and edge tools.)	26	1,257,166	787,183	114,600	174,489	498,103	469,983	48,752	900	478,582
99	Firearms	3	125,000	84,500	20,500	23,000	41,000	40,500	2,635	43	27,608
100	Fish, canning and preserving. (See also Food preparations.)	5	37,250	20,100	3,800	11,000	5,300	17,150	5,175	30	18,090
101	Flags and banners. (See also Regalia and society banners and emblems.)	3	19,700	12,500	400	600	11,500	7,200	2,015	28	11,652
102	Flavoring extracts	15	217,855	15,375	.....	.....	15,375	202,480	24,596	86	56,570
103	Flouring and grist mill products	2,226	21,079,642	14,036,517	2,568,364	5,191,047	6,277,106	7,043,125	865,868	5,149	2,102,181
104	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving.)	35	701,295	297,482	70,600	84,900	141,982	403,813	60,772	476	178,908
105	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	886	69,121,468	36,524,455	8,179,887	10,347,600	17,996,968	32,597,013	3,672,673	40,635	24,058,082
106	Foundry supplies	5	300,479	172,600	66,400	47,000	59,200	127,879	11,747	72	59,302
107	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	27	736,604	149,811	35,465	30,676	83,670	586,793	46,264	918	144,899
108	Fur goods. (See also Hats and caps, not including wool hats.)	33	1,138,720	438,085	98,250	316,500	23,335	700,635	50,890	529	267,671
109	Furnishing goods, men's. (See also Shirts.)	74	1,492,533	160,420	15,250	15,500	129,670	1,332,113	282,474	1,647	593,210
110	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	632	2,438,255	853,086	262,425	372,825	217,836	1,585,169	199,636	2,232	1,198,518
111	Furniture, chairs	37	769,140	234,300	47,364	80,798	106,138	534,840	52,147	686	333,060
112	Furniture, factory product	152	6,265,170	2,525,713	679,535	962,878	883,300	3,739,457	454,623	6,215	2,791,757
113	Galvanizing	8	636,803	227,271	78,000	85,200	64,071	409,532	54,162	339	190,968
114	Gas and lamp fixtures. (See also Lamps and reflectors.)	18	1,153,535	276,671	62,775	80,500	133,396	876,864	119,024	1,064	660,016
115	Gas, illuminating and heating	73	9,353,856	8,371,648	1,706,374	1,412,842	5,252,432	982,208	256,788	603	358,360
116	Gas machines and meters	8	894,441	266,641	25,000	75,000	166,641	627,800	53,027	507	319,960
117	Glass	99	20,459,049	13,167,174	3,377,345	4,933,615	4,856,214	7,291,875	911,178	18,934	9,247,160
118	Glass, cutting, staining, and ornamenting.	40	331,232	80,130	8,400	8,100	63,630	251,102	40,405	524	298,901
119	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	4	44,900	7,300	1,200	300	5,800	37,600	2,831	44	16,116
120	Glue	9	1,401,505	417,823	117,750	151,231	148,842	983,742	142,504	518	184,183
121	Gold and silver, leaf and foil	10	605,145	310,700	64,000	133,000	113,700	294,445	17,100	452	209,928
122	Gold and silver, reducing and refining, not from the ore.	6	1,264,225	653,025	50,000	200,000	403,025	611,200	18,919	124	109,606
123	Grease and tallow. (See also Axle grease; Soap and candles.)	18	450,830	218,000	81,000	75,300	62,300	232,230	31,291	163	112,116
124	Gunpowder. (See also Ammunition; High explosives.)	15	2,203,901	1,598,894	242,014	314,180	1,042,700	605,007	148,422	475	255,220
125	Hairwork	57	288,717	110,292	39,000	46,600	24,692	178,425	33,216	222	90,951
126	Hand stamps	17	116,613	50,045	.....	.....	50,045	66,568	7,831	106	73,531
127	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	37	3,320,426	1,681,338	331,495	606,910	742,933	1,639,088	104,986	3,164	1,388,846
128	Hardware, saddlery	17	213,566	124,450	44,700	39,800	39,950	89,116	7,670	168	84,935
129	Hat and cap materials	9	164,222	69,265	9,000	19,000	41,265	94,957	5,492	114	52,903
130	Hats and caps, not including wool hats. (See also Fur goods; Straw goods, not elsewhere specified.)	93	2,475,867	1,211,920	537,250	495,700	178,970	1,263,947	342,138	2,263	1,120,802
131	Hay and straw, baling	8	63,150	34,825	2,750	17,900	14,175	28,325	2,908	64	21,753
132	High explosives. (See also Ammunition; Gunpowder.)	7	90,893	24,850	4,150	11,500	9,200	66,043	1,473	80	22,785
133	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	236	9,121,632	4,539,524	519,137	1,245,087	2,775,300	4,582,108	741,956	15,941	4,732,754
134	House furnishing goods, not elsewhere specified.	22	299,342	141,140	44,000	37,500	59,640	158,202	17,782	251	96,259
135	Ice, artificial	6	343,850	298,000	71,000	63,000	164,000	45,850	12,401	53	26,161
136	Ink, printing	8	595,300	305,100	138,000	61,000	106,100	290,200	23,572	132	120,575

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

PENNSYLVANIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
34	$37,785	11	$6,414	128	$83,854	38	$11,161	3	$598	41	$27,923	10	$4,160	.....	.....	$46,042	$292,648	92
41	40,135	2	936	106	81,160	1	270	7	942	21	7,901	1	780	.....	.....	32,628	250,423	93
26	23,100	.....	.....	86	46,824	77	25,939	2	284	.....	.....	77	19,143	.....	.....	238,598	438,299	94
26	24,523	21	7,037	67	33,466	126	39,678	14	2,466	23	4,110	60	15,667	.....	.....	218,096	667,043	95
10	10,170	1	240	73	73,206	4	802	38	6,396	28	17,026	4	1,040	18	$2,808	138,736	322,800	96
89	67,299	.....	.....	639	273,925	2	1,000	8	1,664	2	250	.....	.....	5	100	2,032,218	2,957,316	97
48	77,062	.....	.....	402	204,967	7	1,908	68	11,045	354	178,354	21	5,246	.....	.....	434,555	1,067,807	98
3	1,740	2	3,000	33	19,938	1	150	.....	.....	4	2,780	.....	.....	.....	.....	19,800	88,864	99
6	4,190	2	1,380	22	12,520	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	91,885	126,370	100
4	4,330	.....	.....	3	1,508	15	4,680	.....	.....	3	384	3	750	.....	.....	17,385	38,000	101
21	26,033	2	312	46	26,508	11	2,814	6	903	.....	.....	.....	.....	.....	.....	432,164	618,212	102
1,758	827,854	13	4,336	3,327	1,260,762	8	1,679	20	2,653	22	4,857	1	40	.....	.....	33,238,981	39,478,076	103
58	47,576	1	300	220	85,001	136	23,785	3	400	.....	.....	56	21,482	2	364	692,558	1,151,277	104
2,322	2,541,806	66	32,607	34,434	19,291,497	47	12,986	115	21,530	3,627	2,152,214	7	2,200	17	3,242	29,275,186	67,587,025	105
17	24,500	.....	.....	55	34,802	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	165,812	261,850	106
68	55,426	20	1,027	297	65,885	187	11,642	211	2,897	29	3,390	56	4,171	50	461	615,294	931,008	107
35	32,637	11	4,386	124	109,146	290	107,036	15	2,258	11	5,432	43	6,776	.....	.....	566,306	1,041,851	108
126	130,610	8	4,092	201	105,228	303	95,501	24	4,650	237	67,656	748	185,473	.....	.....	1,839,376	3,439,945	109
544	348,326	18	6,316	1,309	708,618	192	67,543	17	3,345	128	59,936	24	4,434	.....	.....	1,285,617	3,524,269	110
62	55,856	4	1,820	495	230,913	3	439	8	1,160	82	40,872	26	1,850	6	150	512,243	1,116,034	111
358	370,712	13	3,986	4,048	2,047,338	44	15,616	68	9,465	681	343,540	3	1,100	.....	.....	3,194,498	7,940,483	112
29	46,081	2	1,000	295	135,767	.....	.....	.....	.....	13	8,120	.....	.....	.....	.....	853,524	1,194,056	113
103	128,690	2	1,124	883	502,221	31	9,208	14	2,602	31	16,171	.....	.....	.....	.....	464,788	1,492,810	114
128	78,264	2	624	472	279,199	.....	.....	1	273	.....	.....	.....	.....	.....	.....	389,798	1,955,893	115
27	31,793	2	1,200	437	266,817	3	1,866	.....	.....	38	24,350	.....	.....	.....	.....	279,384	824,062	116
420	516,890	4	1,750	10,021	4,537,074	659	127,365	2,676	422,502	4,803	3,553,852	90	27,324	261	60,403	5,294,992	17,179,137	117
44	45,194	2	772	409	235,776	31	7,813	25	4,442	13	4,910	.....	.....	.....	.....	212,353	662,585	118
2	1,400	5	1,560	11	3,638	5	990	.....	.....	6	3,848	15	4,680	.....	.....	33,567	62,212	119
32	25,575	.....	.....	405	147,460	5	648	56	8,300	4	600	16	1,600	.....	.....	739,625	1,227,226	120
18	17,557	2	832	210	125,829	189	49,831	4	725	6	4,970	23	10,184	.....	.....	685,530	986,472	121
14	26,020	.....	.....	110	83,586	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,319,823	8,531,183	122
26	24,394	1	416	155	87,206	1	100	.....	.....	.....	.....	.....	.....	.....	.....	895,681	1,169,729	123
28	42,599	.....	.....	435	209,737	.....	.....	10	1,637	2	1,247	.....	.....	.....	.....	782,974	1,322,881	124
24	19,972*	36	15,922	32	17,820	87	28,783	8	1,180	3	900	32	6,374	.....	.....	105,230	304,194	125
30	29,837	1	360	49	27,986	2	468	7	1,308	17	13,572	.....	.....	.....	.....	50,713	168,062	126
133	125,715	2	988	1,837	817,066	153	29,915	252	32,885	714	370,295	16	4,262	57	7,720	1,231,068	3,435,605	127
24	16,442	1	520	92	55,941	1	100	25	2,600	14	7,874	2	468	9	990	54,215	174,137	128
14	11,865	.....	.....	79	34,757	9	2,000	2	466	6	2,475	4	1,400	.....	.....	134,288	232,750	129
136	122,359	3	1,644	854	439,428	212	74,848	42	4,424	472	310,124	543	167,775	1	200	1,522,613	3,440 072	130
7	4,220	.....	.....	67	17,533	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	158,692	200,600	131
13	8,398	.....	.....	36	10,765	4	314	2	70	9	1,518	6	820	10	900	93,989	135,434	132
449	454,268	39	16,187	2,058	989,339	4,121	1,039,707	1,122	153,690	1,101	402,593	6,403	1,594,495	648	82,475	8,720,363	16,944,237	133
26	21,710	1	260	70	34,817	102	24,970	7	660	35	11,842	10	2,000	.....	.....	318,067	492,013	134
7	3,777	.....	.....	43	19,160	.....	.....	.....	.....	3	3,224	.....	.....	.....	.....	14,644	137,830	135
30	39,355	.....	.....	102	81,220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	256,677	503,277	136

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

ENNSYLVANIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
137	Ink, writing	6	$50,437	$23,500	$1,000	$1,500	$21,000	$26,937	$4,126	42	$18,932
138	Instruments, professional and scientific.	46	798,595	391,180	83,750	78,500	228,930	407,415	54,002	542	364,058
139	Iron and steel	280	211,483,285	118,489,784	18,175,370	23,243,792	77,070,622	92,993,501	9,234,756	86,437	48,675,495
140	Iron and steel, bolts, nuts, washers, and rivets.	17	2,962,311	1,758,299	338,528	442,429	977,342	1,204,012	116,776	1,761	736,269
141	Iron and steel, forgings	17	1,225,919	617,956	205,944	113,467	298,545	607,963	62,751	1,165	554,858
142	Iron and steel, nails and spikes, cut and wrought, including wire nails.	33	6,853,383	3,795,363	676,581	725,451	2,393,331	3,058,020	285,174	5,350	2,600,863
143	Iron and steel, pipe, wrought	14	18,849,616	7,628,939	1,465,593	1,507,251	4,656,095	11,220,677	811,216	9,431	4,634,606
144	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	90	3,306,821	1,794,044	265,450	491,307	1,037,287	1,512,777	137,116	2,758	1,524,636
145	Ivory and bone work	7	222,959	41,528	.....	.....	41,528	181,431	23,827	311	122,359
146	Japanning	5	205,254	76,050	6,500	13,500	56,050	129,204	6,794	125	59,974
147	Jewelry. (See also Watch, clock, and jewelry repairing.)	45	2,160,517	366,864	22,050	36,175	308,639	1,793,653	115,808	1,096	663,580
148	Jewelry and instrument cases	8	53,984	9,550	.....	.....	9,550	44,434	9,332	104	55,002
149	Kaolin and other earth grinding	23	708,789	429,500	147,600	122,250	159,650	279,289	34,837	431	197,638
150	Kindling wood	21	392,139	271,230	53,372	85,050	132,808	120,909	59,033	530	170,312
151	Labels and tags	5	21,962	14,100	200	600	13,300	7,862	2,271	41	14,414
152	Lamps and reflectors. (See also Gas and lamp fixtures.)	11	479,857	37,136	.....	10,600	27,136	442,721	23,242	101	71,082
153	Lasts	5	45,181	13,285	.....	.....	13,285	31,896	3,129	67	37,799
154	Lead, bar, pipe, and sheet	3	697,792	371,750	162,000	100,000	109,750	326,042	12,528	97	57,344
155	Leather goods. (See also Pocketbooks; Trunks and valises.)	15	496,195	54,300	10,050	2,050	42,200	441,895	51,007	571	279,135
156	Leather, morocco	34	5,054,413	1,345,377	205,500	601,000	538,877	3,709,036	366,692	3,029	1,692,065
157	Leather, tanned and curried	376	25,111,007	7,070,326	1,819,659	3,816,399	1,634,268	18,040,681	1,283,331	8,543	4,097,524
158	Lightning rods	4	171,050	49,450	16,400	17,100	15,950	121,600	6,416	85	61,504
159	Lime and cement	198	1,907,410	1,535,822	872,329	436,798	226,695	371,588	74,106	2,078	722,558
160	Liquors, distilled	40	2,624,761	1,076,735	165,785	611,550	299,400	1,548,026	2,054,435	469	312,604
161	Liquors, malt. (See also Bottling.)	163	26,106,355	18,070,244	3,817,806	7,745,734	6,506,704	8,036,111	4,866,575	3,562	2,831,943
162	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	27	1,815,606	1,113,018	132,100	255,500	725,418	702,588	80,897	886	563,092
163	Lock and gun smithing	112	298,806	184,575	63,500	63,025	58,050	114,231	24,131	239	133,726
164	Looking-glass and picture frames	126	1,023,802	328,029	143,990	81,800	102,239	695,773	101,167	727	416,765
165	Lumber and other mill products from logs or bolts.	1,853	43,522,780	26,726,419	18,902,344	2,266,940	7,557,135	16,796,361	1,326,626	18,663	5,466,123
166	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	467	14,094,095	5,741,903	1,847,722	1,596,935	2,297,246	8,352,192	626,568	8,633	4,862,796
167	Malt. (See also Liquors, malt.)	13	1,409,512	488,700	140,800	287,700	60,200	920,812	58,958	182	93,672
168	Mantels, slate, marble, and marbleized	14	219,925	55,800	10,200	16,200	29,400	164,125	16,856	262	177,065
169	Marble and stone work. (See also Monuments and tombstones.)	174	2,334,326	965,374	422,515	209,509	333,350	1,368,952	140,503	2,546	1,730,089
170	Masonry, brick and stone. (See also Plastering and stuccowork.)	650	7,777,526	1,623,594	540,880	447,410	635,304	6,153,932	2,329,986	13,854	9,224,199
171	Matches	8	182,293	89,956	11,700	15,500	62,756	92,337	23,105	250	66,142
172	Mats and matting	3	13,700	4,900	2,000	1,000	1,900	8,800	1,012	18	6,132
173	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	57	593,439	213,950	62,400	79,700	71,850	379,489	54,489	497	261,612
174	Millinery and lace goods. (See also Artificial feathers and flowers.)	25	554,010	139,700	20,500	31,000	88,200	414,310	57,672	626	221,607
175	Millinery, custom work	524	1,754,843	529,213	215,950	259,575	53,688	1,225,630	238,084	2,123	742,769
176	Mineral and soda waters. (See also Bottling.)	93	673,371	498,257	80,700	83,650	333,907	175,114	88,680	449	225,511
177	Mirrors	5	56,450	28,700	6,500	9,000	13,200	27,750	4,078	58	22,432
178	Models and patterns	48	133,591	60,253	4,800	9,200	46,253	73,338	16,713	277	182,812
179	Monuments and tombstones. (See also Marble and stone work.)	209	1,265,334	507,575	279,010	143,060	85,505	757,759	50,488	945	600,132
180	Mucilage and paste	7	73,046	18,200	6,000	2,000	10,200	54,846	5,531	45	25,252
181	Musical instruments and materials, not specified.	44	342,453	166,540	27,700	43,100	95,740	175,913	55,296	255	172,793
182	Musical instruments, organs and materials.	19	405,321	103,794	28,300	37,700	87,794	301,527	49,962	304	199,737
183	Musical instruments, pianos and materials.	12	511,655	218,340	38,400	133,000	44,940	295,315	57,799	249	193,155
184	Needles and pins	8	70,384	32,938	4,200	13,000	15,738	37,446	3,793	74	30,365
185	Oil, essential	15	11,413	5,012	400	1,317	3,295	6,401	548	33	8,547
186	Oil, linseed	5	716,975	364,975	130,075	85,400	149,500	351,700	20,102	96	40,548

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

PENNSYLVANIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
9	$7,958	.....	.....	16	$5,810	11	$2,436	6	$728	.....	.....	.....	.....	.....	.....	$46,860	$91,829	137
69	73,333	9	$3,008	321	213,238	65	12,400	9	1,588	69	$60,489	.....	.....	.....	.....	190,796	834,919	138
1,892	2,850,026	25	13,848	33,677	45,648,840	1	416	842	162,365	.....	.....	.....	.....	.....	.....	169,978,301	248,809,071	139
71	74,341	.....	.....	1,096	457,549	1	375	43	8,220	451	174,504	27	$7,500	72	$13,780	1,738,127	2,930,269	140
50	52,580	1	300	759	343,846	.....	.....	30	5,604	292	147,176	.....	.....	33	5,346	970,590	1,844,428	141
108	153,737	7	3,420	4,878	2,309,576	40	10,200	151	23,890	140	94,790	19	3,943	7	1,307	6,851,423	10,410,808	142
259	338,762	2	875	8,307	3,942,025	4	1,496	266	53,488	592	297,760	.....	.....	1	200	20,597,831	30,249,795	143
160	147,999	4	1,750	2,549	1,350,549	1	500	10	1,727	34	22,111	.....	.....	.....	.....	3,375,757	5,888,948	144
26	18,794	.....	.....	133	52,536	42	16,459	13	1,968	95	38,102	2	500	.....	.....	128,811	330,116	145
11	12,560	.....	.....	22	13,108	40	12,546	3	582	18	11,416	23	8,210	8	1,552	46,071	126,200	146
121	132,624	12	5,334	648	409,172	72	23,736	72	13,445	103	65,350	68	13,919	.....	.....	1,886,311	3,215,614	147
16	20,352	1	416	44	22,722	36	9,984	6	1,294	.....	.....	.....	.....	1	234	63,979	173,520	148
41	40,540	.....	.....	385	156,153	.....	.....	.....	.....	5	945	.....	.....	.....	.....	273,244	609,339	149
27	19,234	1	300	257	97,565	17	4,230	2	437	93	24,945	102	20,047	31	3,554	145,494	455,949	150
6	4,270	.....	.....	22	8,430	1	182	5	752	.....	.....	6	720	1	60	5,815	26,751	151
24	22,766	1	1,000	69	43,434	3	1,082	1	200	3	2,600	.....	.....	.....	.....	145,236	291,355	152
5	4,664	.....	.....	61	32,407	.....	.....	.....	.....	1	728	.....	.....	.....	.....	22,388	79,307	153
5	7,812	.....	.....	92	49,532	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	374,140	507,739	154
57	54,969	6	2,000	241	118,723	165	50,543	.....	.....	92	50,900	10	2,000	.....	.....	506,402	1,014,428	155
138	150,528	3	1,386	1,929	964,516	9	3,332	154	29,694	780	534,713	16	7,896	.....	.....	7,783,519	10,920,198	156
474	414,654	1	600	7,236	3,228,615	8	2,466	27	4,252	791	445,053	6	1,884	.....	.....	27,857,755	39,011,518	157
16	27,130	.....	.....	69	34,374	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	99,280	232,100	158
67	52,361	.....	.....	1,373	661,595	2	600	20	2,612	16	5,390	.....	.....	.....	.....	586,054	1,738,354	159
67	76,850	2	728	353	197,510	1	240	.....	.....	40	37,276	.....	.....	.....	.....	1,326,202	4,339,689	160
409	695,224	5	7,276	3,110	2,113,469	.....	.....	11	2,132	27	13,842	.....	.....	.....	.....	6,491,082	18,358,734	161
67	66,530	9	3,880	603	426,429	65	17,459	102	16,324	28	29,170	12	3,300	.....	.....	624,178	1,698,449	162
99	59,679	.....	.....	134	72,560	.....	.....	3	587	3	900	.....	.....	.....	.....	76,426	304,625	163
143	125,231	15	4,531	474	202,873	21	5,144	28	4,320	19	9,030	25	5,280	2	356	590,741	1,362,302	164
903	548,801	16	6,560	16,918	4,731,222	68	9,819	139	18,847	544	139,811	30	4,517	45	6,546	15,392,468	27,772,834	165
738	640,525	7	3,607	7,633	4,113,545	3	1,264	71	9,903	174	93,508	1	144	6	900	10,492,181	18,398,688	166
23	31,668	.....	.....	159	62,004	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	609,846	829,297	167
20	19,486	.....	.....	240	156,695	.....	.....	2	884	.....	.....	.....	.....	.....	.....	132,757	440,968	168
206	195,701	2	828	2,309	1,519,626	2	508	1	260	26	13,160	.....	.....	.....	.....	1,797,780	4,312,387	169
703	694,875	4	2,148	12,410	7,879,572	.....	.....	13	1,650	724	645,948	.....	.....	.....	.....	12,574,428	28,212,579	170
9	8,998	1	250	71	24,891	58	6,945	16	2,000	11	4,200	84	18,858	.....	.....	102,080	225,329	171
3	1,628	.....	.....	9	2,964	.....	.....	4	500	2	1,040	.....	.....	.....	.....	6,671	15,020	172
75	56,210	3	1,332	234	118,793	49	14,303	3	432	93	56,313	40	14,229	.....	.....	706,049	1,293,212	173
29	25,442	18	11,430	42	20,674	352	111,367	7	1,060	6	3,000	172	48,034	.....	.....	417,826	883,940	174
97	80,992	461	203,057	20	10,096	1,472	434,688	21	2,776	10	2,082	42	9,078	.....	.....	1,583,280	3,290,508	175
106	76,142	5	2,329	318	143,941	5	1,166	9	1,283	2	250	4	400	.....	.....	282,342	805,107	176
4	3,608	.....	.....	22	12,064	30	6,240	2	520	.....	.....	.....	.....	.....	.....	84,100	134,500	177
48	41,946	.....	.....	214	137,501	3	616	9	1,387	3	1,362	.....	.....	.....	.....	54,348	317,872	178
197	154,086	.....	.....	732	440,079	2	1,100	3	562	11	4,305	.....	.....	.....	.....	664,611	1,619,830	179
10	10,140	1	300	28	13,312	2	500	.....	.....	.....	.....	4	1,000	.....	.....	116,336	204,900	180
46	39,452	4	1,606	185	124,308	2	500	9	1,615	9	5,312	.....	.....	.....	.....	104,310	418,941	181
39	41,943	3	924	195	121,182	11	4,996	2	508	53	29,950	1	234	.....	.....	216,816	585,883	182
22	29,970	.....	.....	127	87,545	1	100	.....	.....	99	75,540	.....	.....	.....	.....	246,532	576,800	183
9	8,400	.....	.....	27	13,683	24	5,952	2	440	.....	.....	4	800	8	1,090	9,914	79,803	184
8	3,285	.....	.....	25	5,262	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,308	23,291	185
10	9,740	.....	.....	86	39,808	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,047,491	1,215,180	186

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

PENNSYLVANIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
187	Oil, lubricating	19	$1,552,833	$303,393	$43,441	$79,726	$180,226	$1,249,440	$743,679	187	$171,338
188	Optical goods	42	695,620	315,843	21,500	35,830	258,513	379,777	66,788	741	306,042
189	Painting and paper hanging	1,259	3,530,581	1,198,024	417,349	471,275	309,400	2,332,557	284,147	6,558	4,328,701
190	Paints. (See also Chemicals; Varnish.)	71	7,312,123	3,067,635	1,018,117	1,142,345	907,173	4,244,488	609,771	1,974	1,210,581
191	Paper. (See also Pulp, wood.)	72	9,401,772	6,943,652	864,448	1,900,139	4,179,065	2,461,120	646,472	3,059	1,386,935
192	Paper goods, not elsewhere specified	12	112,205	38,130	.....	.....	38,130	74,075	12,872	76	30,370
193	Paper hangings	8	1,570,209	718,479	145,000	185,000	388,479	851,730	110,276	602	303,909
194	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	126	3,011,355	685,643	211,820	176,330	297,493	2,325,712	830,418	939	551,749
195	Paving and paving materials	96	1,629,256	559,384	78,300	61,425	419,659	1,069,872	203,775	3,106	1,502,713
196	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	21	324,577	85,085	13,900	28,000	43,185	239,492	62,596	279	131,436
197	Petroleum, refining	55	17,082,606	7,284,850	1,180,508	1,464,680	4,639,662	9,797,756	543,668	3,496	1,735,257
198	Photographic materials	7	132,216	73,125	10,000	14,838	48,287	59,091	15,489	104	52,058
199	Photography	265	988,665	662,327	109,700	126,950	425,677	326,338	156,908	1,126	643,345
200	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	11	65,304	37,359	.....	.....	37,359	27,945	11,165	110	82,415
201	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	28	643,812	102,885	7,285	19,845	75,755	540,927	89,746	1,020	371,355
202	Pipes, tobacco	7	196,910	135,200	12,000	46,000	77,200	61,710	7,993	291	159,143
203	Plastering and stuccowork. (See also Masonry, brick and stone.)	190	623,296	289,553	102,700	108,410	78,443	333,743	39,169	1,399	1,017,424
204	Plated and britannia ware. (See also Silverware.)	11	175,805	79,500	21,000	4,000	54,500	96,305	10,159	168	90,336
205	Plumbers' supplies. (See also Brass castings and brass finishing.)	17	1,825,675	750,425	217,500	211,250	321,675	1,075,250	87,117	840	520,072
206	Plumbing and gas fitting	661	3,700,794	1,474,403	508,170	580,451	385,782	2,226,391	215,495	4,205	2,700,559
207	Pocketbooks. (See also Leather goods.)	8	236,250	94,400	26,000	48,000	20,400	141,850	21,721	166	79,800
208	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	478	13,072,177	7,980,815	499,100	635,290	6,846,425	5,091,362	2,446,554	7,102	4,051,012
209	Printing and publishing, music. (See also Bookbinding and blank-book making.)	17	607,170	463,981	52,000	33,000	378,981	143,189	94,057	179	104,522
210	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	992	16,070,348	10,315,243	1,906,575	1,592,184	6,816,484	5,755,105	4,753,106	10,658	6,567,603
211	Printing materials	10	92,977	20,027	.....	.....	20,027	72,950	10,887	81	53,278
212	Pumps, not including steam pumps	15	163,201	105,527	54,150	29,600	21,777	57,674	6,812	51	30,221
213	Refrigerators	9	204,770	29,327	3,500	2,009	23,827	175,443	26,768	206	127,140
214	Regalia and society banners and emblems. (See also Flags and banners.)	32	256,420	106,962	17,600	22,500	66,862	149,458	22,046	260	135,533
215	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	393	1,944,927	798,185	234,200	295,655	268,330	1,146,742	139,364	1,892	1,168,505
216	Rubber and elastic goods	8	532,977	165,172	2,000	8,000	155,172	367,805	89,588	355	192,912
217	Saddlery and harness	751	2,383,846	854,828	317,370	390,176	147,282	1,529,018	151,028	2,050	996,741
218	Safes and vaults	7	483,134	191,200	80,000	44,150	67,050	291,934	43,994	358	212,383
219	Salt	3	157,413	97,600	20,000	66,000	11,600	59,813	21,167	59	38,200
220	Sausage. (See also Slaughtering.)	11	77,275	50,600	16,700	19,300	14,600	26,675	2,933	61	28,840
221	Saws	12	3,112,513	1,151,699	253,000	397,210	501,489	1,960,814	87,410	1,179	735,861
222	Scales and balances	7	155,965	60,550	.....	.....	60,550	95,415	19,358	128	80,850
223	Sewing machine repairing	17	13,790	5,500	500	1,000	4,000	8,206	3,119	40	21,989
224	Sewing machines and attachments	9	855,525	538,500	75,000	50,900	413,500	317,025	76,045	431	221,486
225	Shipbuilding	32	2,443,063	1,488,165	677,025	292,625	518,515	954,898	82,941	2,022	1,215,876
226	Shirts. (See also Furnishing goods, men's.)	80	1,707,968	309,143	41,500	86,300	181,343	1,398,825	465,758	2,390	876,987
227	Shoddy	18	640,382	359,432	50,000	97,500	211,932	280,950	50,305	339	151,175
228	Show cases	10	124,075	38,000	5,000	7,500	25,500	86,075	25,694	95	57,626
229	Silk and silk goods	66	9,362,063	4,404,181	236,850	1,225,052	2,941,679	4,957,882	939,051	9,522	2,981,334
230	Silverware. (See also Plated and britannia ware.)	5	269,580	131,667	27,500	27,500	76,667	137,913	7,628	120	86,611
231	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage.)	114	4,828,593	2,023,335	499,410	851,475	672,450	2,805,258	215,850	1,256	820,516
232	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage.)	128	1,352,196	762,869	229,483	239,900	293,486	589,327	100,722	714	348,732
233	Smelting and refining	7	62,850	27,990	650	17,650	9,690	34,860	4,708	49	21,933
234	Soap and candles. (See also Grease and tallow.)	72	2,983,171	1,132,873	240,944	445,022	446,907	1,850,298	468,925	947	505,148
235	Sporting goods	10	227,850	114,650	8,000	6,000	100,650	113,200	13,491	291	95,739
236	Springs, steel, car and carriage	7	927,008	442,500	127,000	128,500	187,000	484,508	21,051	268	195,944

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

PENNSYLVANIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
49	$77,828	3	$988	133	$91,598	1	$300	.....	.....	1	$624	.....	.....	.....	.....	$1,134,491	$2,577,748	187
101	72,828	14	5,566	319	167,346	105	22,806	22	$3,224	16	4,567	104	$29,705	.....	.....	293,983	981,580	188
1,199	921,842	7	2,666	4,924	3,193,056	15	5,088	33	6,320	374	198,129	6	1,600	.....	.....	2,697,700	8,696,222	189
368	426,726	19	10,138	1,448	718,496	38	10,312	4	665	77	39,591	20	4,653	.....	.....	4,617,170	8,214,780	190
104	128,275	4	2,320	2,188	1,078,888	459	104,473	50	8,176	28	14,217	219	50,319	7	$267	4,646,456	7,838,299	191
10	6,070	.....	.....	34	15,432	27	6,610	.....	.....	2	728	3	936	.....	.....	143,581	223,811	192
56	67,687	5	1,872	418	210,056	14	4,000	85	10,954	24	9,340	.....	.....	.....	.....	1,063,007	1,759,290	193
233	250,966	36	16,606	328	187,900	184	49,401	11	1,561	24	10,049	120	34,816	3	450	1,340,956	4,084,669	194
113	115,952	.....	.....	2,962	1,372,510	.....	.....	.....	.....	31	14,251	.....	.....	.....	.....	2,140,942	4,807,587	195
59	66,369	3	988	57	26,612	86	20,659	1	208	9	1,250	61	14,550	3	800	265,831	639,250	196
209	230,305	3	1,360	2,479	1,229,978	2	622	316	48,478	487	224,514	.....	.....	.....	.....	15,006,919	18,498,777	197
11	9,741	.....	.....	21	12,118	20	4,963	1	130	51	25,106	.....	.....	.....	.....	100,579	228,426	198
257	235,721	42	15,857	518	285,951	215	71,635	18	2,937	47	21,102	29	10,142	.....	.....	428,519	1,663,596	199
18	23,989	2	1,000	77	52,364	3	1,952	6	1,110	4	2,000	.....	.....	.....	.....	23,434	149,661	200
127	110,611	1	720	398	170,148	212	44,676	.....	.....	9	4,200	273	41,000	.....	.....	944,679	1,977,455	201
4	5,340	.....	.....	208	115,927	37	9,396	.....	.....	30	25,360	12	3,120	.....	.....	166,976	376,340	202
173	140,240	.....	.....	1,179	854,138	4	1,740	2	281	39	20,950	2	75	.....	.....	550,669	1,881,606	203
12	14,045	1	546	99	55,592	27	9,960	5	868	16	7,325	8	2,000	.....	.....	101,814	268,550	204
106	123,133	8	5,780	530	300,896	2	1,000	75	20,152	115	68,511	.....	.....	4	600	566,719	1,427,503	205
738	675,739	10	4,001	3,370	1,995,977	2	354	31	6,600	53	17,732	1	156	.....	.....	3,358,334	7,803,725	206
15	16,691	2	676	71	38,728	36	9,686	7	929	34	12,790	1	300	.....	.....	113,988	250,524	207
987	1,035,175	64	34,976	4,055	2,345,894	1,009	273,674	222	38,475	635	293,665	130	29,153	.....	.....	3,840,578	13,444,459	208
29	27,164	4	1,736	107	55,640	13	3,723	6	923	18	14,140	2	1,196	.....	.....	126,519	427,496	209
1,557	1,502,362	289	108,279	6,103	3,573,232	610	174,429	576	58,534	1,419	1,119,259	95	29,643	9	1,865	4,448,814	20,536,538	210
20	18,928	.....	.....	52	32,642	1	200	8	1,508	.....	.....	.....	.....	.....	.....	75,180	162,252	211
18	12,705	.....	.....	31	16,559	.....	.....	.....	.....	2	957	.....	.....	.....	.....	48,272	115,430	212
21	19,708	1	312	115	66,840	.....	.....	.....	.....	69	40,280	.....	.....	.....	.....	159,963	396,440	213
37	44,931	1	480	77	45,016	75	22,507	9	1,240	11	6,972	49	14,262	1	125	188,684	472,449	214
375	286,092	4	2,452	1,465	867,541	1	400	18	3,419	29	8,601	.....	.....	.....	.....	1,618,447	3,459,948	215
12	25,170	.....	.....	160	84,778	47	7,506	8	1,508	98	62,450	22	9,000	8	2,500	343,917	643,467	216
589	336,925	5	1,720	1,115	517,815	9	1,097	41	6,052	236	121,257	54	11,725	1	150	1,409,180	3,106,307	217
36	44,878	.....	.....	289	145,190	.....	.....	1	150	32	22,165	.....	.....	.....	.....	264,087	654,357	218
7	11,900	.....	.....	52	26,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,445	156,398	219
12	8,834	.....	.....	47	19,406	2	600	.....	.....	.....	.....	.....	.....	.....	.....	72,667	132,442	220
61	58,418	5	1,716	698	475,727	1	312	102	12,065	266	175,232	38	9,237	8	3,154	1,008,138	2,208,454	221
12	12,978	.....	.....	116	67,872	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63,755	210,414	222
12	5,275	.....	.....	28	16,714	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,653	46,139	223
24	25,954	4	1,820	312	155,076	27	12,636	4	1,000	60	25,000	.....	.....	.....	.....	160,400	566,972	224
47	76,096	.....	.....	1,787	991,093	.....	.....	.....	.....	188	148,687	.....	.....	.....	.....	1,759,582	3,239,770	225
140	146,714	7	3,804	192	108,866	704	192,067	18	2,490	75	45,718	1,244	376,328	19	1,000	1,622,228	3,384,065	226
37	34,716	.....	.....	211	92,183	91	24,276	.....	.....	.....	.....	.....	.....	.....	.....	1,295,258	1,633,770	227
11	9,996	1	260	65	39,445	.....	.....	8	1,450	10	6,475	.....	.....	.....	.....	55,035	190,910	228
184	250,743	8	5,306	1,879	837,909	3,777	900,732	1,163	177,196	541	317,327	1,840	474,300	130	17,821	12,094,389	19,357,546	229
11	21,500	6	2,184	88	57,964	.....	.....	10	1,963	5	3,000	.....	.....	.....	.....	145,158	272,977	230
241	274,374	11	5,202	985	533,404	11	3,100	1	390	7	4,046	.....	.....	.....	.....	11,669,651	14,110,303	231
134	116,650	2	600	571	229,124	.....	.....	2	408	5	1,950	.....	.....	.....	.....	6,905,679	7,881,301	232
16	10,015	.....	.....	32	11,618	1	300	.....	.....	.....	.....	.....	.....	.....	.....	47,717	76,333	233
171	170,822	6	2,662	497	253,394	171	52,785	64	10,641	14	6,809	22	7,948	2	87	2,368,336	4,096,520	234
17	20,451	2	1,000	78	35,890	58	10,110	43	8,788	28	13,400	65	6,100	.....	.....	222,521	410,199	235
22	39,250	1	520	242	153,834	.....	.....	.....	.....	3	2,340	.....	.....	.....	.....	664,358	1,095,368	236

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

PENNSYLVANIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
237	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	12	$942,666	$406,700	$64,000	$96,900	$246,700	$535,966	$39,776	607	$274,240
238	Stationery goods, not elsewhere specified.	35	1,502,326	432,450	21,500	85,300	325,650	1,069,876	119,612	1,327	554,209
239	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	26	2,557,259	915,619	200,375	236,882	472,362	1,641,640	83,121	1,522	826,213
240	Steam packing	15	149,197	37,808	200	500	37,108	111,389	33,621	147	78,970
241	Stencils and brands	14	113,665	71,400	10,000	13,000	42,400	42,265	10,631	67	43,965
242	Stereotyping and electrotyping. (See also Type founding.)	8	176,810	112,915	.....	.....	112,015	64,795	32,517	176	129,012
243	Sugar and molasses, refining	10	7,113,245	3,925,769	865,055	540,130	2,520,584	3,187,476	584,892	1,524	753,574
244	Surgical appliances. (See also Artificial limbs.)	16	350,457	122,255	14,100	16,000	92,155	228,202	26,917	213	133,921
245	Taxidermy	10	18,750	12,935	4,600	7,650	685	5,815	1,654	13	5,202
246	Timber products, not manufactured at mill.	95	1,584,520	1,078,317	861,240	.....	217,077	506,203	78,366	1,890	544,462
247	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	835	4,079,432	2,170,325	669,633	821,412	679,280	2,509,107	300,863	3,915	2,230,014
248	Tobacco, chewing, smoking, and snuff	11	1,347,228	559,429	176,800	282,708	99,921	787,799	372,956	330	155,249
249	Tobacco, cigars and cigarettes	1,967	9,471,276	2,094,513	694,761	1,015,145	484,607	7,376,763	3,362,955	18,960	6,482,202
250	Tobacco, stemming and rehandling	47	943,846	71,180	14,500	39,000	17,680	872,666	78,052	1,010	199,427
251	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	77	2,599,743	1,159,589	167,159	313,649	678,781	1,440,154	129,105	1,521	877,574
252	Toys and games	24	399,553	199,355	20,850	57,450	121,055	200,198	26,384	523	176,104
253	Trunks and valises. (See also Leather goods.)	37	291,087	42,020	5,000	10,500	26,520	249,067	44,602	368	171,471
254	Type founding. (See also Stereotyping and electrotyping.)	5	1,035,000	403,500	36,500	28,500	338,509	631,500	37,272	382	275,261
255	Typewriters and supplies	3	130,479	75,200	.....	.....	75,200	55,279	3,615	55	36,600
256	Umbrellas and canes	75	3,118,800	372,560	66,550	79,150	226,869	2,746,231	644,717	2,715	1,100,416
257	Upholstery materials. (See also Carpets and rugs, other than rag; Woolen goods; Worsted goods.)	22	982,211	283,999	57,092	109,202	117,705	698,212	53,853	696	302,537
258	Varnish. (See also Paints.)	17	543,415	177,837	44,709	52,309	80,837	365,578	36,342	116	114,656
259	Vinegar and cider	35	235,886	136,263	20,060	32,580	83,623	99,623	17,244	128	52,498
260	Washing machines and clothes wringers	27	491,309	183,051	28,025	53,843	101,183	308,258	22,959	288	126,609
261	Watch cases	7	1,541,274	540,206	60,200	116,000	364,066	1,001,008	147,209	1,253	512,926
262	Watch, clock, and jewelry repairing. (See also Jewelry.)	425	971,118	530,120	168,810	190,600	170,710	440,998	92,421	868	623,965
263	Wheelbarrows	3	41,100	36,000	9,000	10,200	16,800	5,100	592	25	10,100
264	Whips	14	121,144	27,174	1,600	3,800	21,774	93,970	8,590	94	40,552
265	Window shades	35	377,115	127,830	46,000	39,000	42,830	249,285	30,019	207	115,757
266	Wire	7	3,096,209	1,760,130	402,500	377,250	980,380	1,336,079	114,772	1,528	842,336
267	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	47	1,729,173	879,980	188,010	234,500	457,470	849,193	71,707	650	349,284
268	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	82	720,589	388,318	96,999	82,259	209,060	332,271	39,506	751	372,702
269	Woodenware, not elsewhere specified	15	291,911	171,624	71,200	55,000	45,424	120,287	15,096	173	82,877
270	Wool hats	17	1,048,804	261,450	41,350	73,400	146,700	787,354	58,490	1,049	330,050
271	Woolen goods. (See also Carpets and rugs, other than rag; Felt goods; Gloves and mittens; Hosiery and knit goods.)	264	21,071,137	10,266,284	1,123,223	3,020,191	6,122,879	11,404,853	1,356,208	16,961	5,729,982
272	Worsted goods	41	13,929,489	5,432,681	522,500	1,290,684	3,619,497	8,496,808	975,930	9,453	3,350,113
273	All other industries (*a*)	66	6,306,171	2,580,692	550,085	714,889	1,315,718	3,725,479	380,395	2,666	1,200,776

a Embraces bellows, 2; bells, 1; belting and hose, linen, 2; belting and hose, rubber, 2; boots and shoes, rubber, 1; brass and copper, rolled, 1; carpets, wood, 1; chocolate and cocoa products, 2; clocks, 1; drug grinding, 1; enameled goods, 1; fire extinguishers, chemical, 1; fireworks, 2; fruit jar trimmings, 2; furs, dressed, 2; gas stoves, 2; graphite, 1; grindstones, 1; hand knit goods, 2; hooks and eyes, 1; horseshoes, factory product, 1; iron and steel, doors and shutters, 1; lapidary work, 2; lard, refined, 1; leather, patent and enameled, 1; oil, illuminating, not including petroleum, refining, 1; oil, lard, 2; oil, resin, 1; oilcloth, floor, 1;

BY COUNTIES.

1	The State	39,339	991,243,115	505,477,195	111,859,797	135,112,770	258,504,628	485,765,920	74,841,458	620,562	305,591,003
2	Adams	185	789,528	407,583	88,223	150,970	168,390	381,945	121,767	1,174	278,214
3	Allegheny	2,483	201,169,473	107,668,559	26,685,745	26,287,374	54,695,440	93,500,914	11,675,966	97,657	57,335,917
4	Armstrong	140	3,104,710	1,714,608	168,765	365,280	1,180,563	1,390,102	296,700	1,660	1,036,450
5	Beaver	207	6,576,325	3,542,973	595,421	1,245,024	1,702,528	3,033,352	373,182	4,891	2,444,625
6	Bedford	181	2,167,128	1,311,741	130,292	333,342	848,107	855,387	82,647	1,288	414,870

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

PENNSYLVANIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
39	$34,574	1	$600	199	$101,166	70	$20,702	84	$17,576	147	$80,720	67	$18,902	.....	.....	$317,768	$761,890	237
64	90,905	13	5,970	600	261,267	305	84,071	125	19,515	109	66,250	107	26,156	4	$75	2,218,245	3,158,421	238
141	161,265	6	1,550	1,190	583,722	2	600	90	18,468	93	60,608	.....	.....	.....	.....	1,047,055	2,469,788	239
20	21,260	2	780	100	50,166	13	3,590	7	1,354	6	1,820	.....	.....	.....	.....	147,310	350,510	240
19	16,502	1	468	42	24,566	.....	.....	3	429	2	2,000	.....	.....	.....	.....	27,400	102,817	241
19	24,244	.....	.....	118	80,859	.....	.....	16	3,481	23	20,428	.....	.....	.....	.....	50,519	265,669	242
61	57,715	4	1,664	1,459	894,195	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41,836,095	46,599,754	243
51	48,613	2	800	80	61,772	58	18,174	13	2,300	5	1,828	4	434	.....	.....	152,840	394,952	244
8	3,494	.....	.....	5	1,708	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,810	13,710	245
36	14,744	.....	.....	698	185,488	11	1,242	1	106	1,142	342,682	2	200	.....	.....	284,635	1,315,136	246
808	574,437	17	5,768	2,880	1,576,177	49	9,997	58	9,469	102	53,698	1	468	.....	.....	2,900,615	6,580,224	247
46	50,623	2	400	110	48,067	29	7,676	.....	.....	.....	.....	143	48,474	.....	.....	507,282	1,355,121	248
1,542	969,266	42	16,379	4,057	1,498,081	2,068	458,773	489	44,672	6,374	2,439,329	3,786	975,535	611	80,167	7,299,782	19,978,429	249
127	48,789	.....	.....	814	147,874	57	2,520	12	244	.....	.....	.....	.....	.....	.....	1,555,536	2,054,360	250
107	107,856	1	468	809	487,920	26	9,672	18	3,478	469	267,930	.....	.....	1	250	1,250,420	2,694,250	251
43	33,766	2	924	278	97,928	66	12,642	65	8,454	34	11,540	27	9,250	8	1,600	148,188	463,130	252
46	30,992	2	1,120	171	81,263	3	822	9	1,398	137	55,876	.....	.....	.....	.....	289,313	501,911	253
35	57,116	2	832	127	85,338	.....	.....	14	2,100	185	126,875	2	250	17	2,750	128,630	666,558	254
4	5,100	.....	.....	48	30,000	3	1,500	.....	.....	.....	.....	.....	.....	.....	.....	16,850	121,500	255
161	151,991	32	14,612	1,075	486,786	650	196,206	61	13,416	81	42,454	655	194,951	.....	.....	3,783,768	6,304,984	256
58	63,336	1	200	242	106,278	91	23,324	6	722	151	76,191	147	32,486	.....	.....	750,161	1,400,711	257
45	66,311	4	1,820	66	46,395	.....	.....	1	130	.....	.....	.....	.....	.....	.....	621,392	1,038,357	258
33	22,152	.....	.....	95	30,346	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	160,317	315,857	259
43	35,453	.....	.....	80	43,772	.....	.....	1	104	123	41,737	.....	.....	41	5,543	248,758	516,734	260
43	51,713	13	5,150	473	261,629	217	63,734	10	1,500	302	89,200	195	40,000	.....	.....	1,196,668	1,978,422	261
368	245,383	1	600	441	257,751	8	2,948	21	3,408	29	13,875	.....	.....	.....	.....	219,265	1,063,164	262
2	1,000	.....	.....	22	9,000	.....	.....	.....	.....	1	100	.....	.....	.....	.....	21,722	43,216	263
13	9,979	1	150	48	18,713	6	1,590	1	150	25	9,970	.....	.....	.....	.....	68,022	164,476	264
42	36,668	.....	.....	134	69,250	10	3,466	6	1,060	10	4,453	5	860	.....	.....	402,807	692,094	265
34	51,940	3	1,524	1,469	782,740	1	260	1	156	20	5,716	.....	.....	.....	.....	3,588,006	4,888,629	266
77	88,939	2	974	371	185,705	48	12,894	46	8,224	69	40,136	31	11,912	6	500	738,921	1,478,453	267
96	66,645	2	900	563	278,476	20	3,189	15	1,710	41	19,368	9	1,914	5	500	262,779	886,990	268
16	11,821	1	195	126	57,427	1	416	6	429	21	12,549	.....	.....	2	40	139,189	268,772	269
35	22,445	1	180	464	138,850	148	24,827	79	6,798	189	111,175	133	25,775	.....	.....	747,700	1,444,180	270
462	428,404	37	11,204	6,980	2,956,984	4,761	1,308,727	1,490	231,402	817	347,500	1,464	438,188	50	7,573	19,198,990	29,878,010	271
134	176,973	4	1,136	3,185	1,447,397	4,104	1,108,360	1,057	173,828	310	190,965	655	250,554	4	900	11,539,880	17,861,776	272
156	194,471	7	3,698	1,639	813,233	329	52,092	123	20,693	273	82,229	139	34,360	.....	.....	3,723,422	8,431,905	273

oleomargarine, 1; pens, fountain and stylographic, 1; pens, steel, 1; printing, tip, 2; pulp, wood, 2; pulp from fiber, other than wood, 1; registers, car fare, 1; rules, ivory and wood, 1; sand and emery paper and cloth, 2; screws, machine, 2; screws, wood, 1; silversmithing, 2; soda water apparatus, 2; starch, 1; straw goods, not elsewhere specified, 1; vault lights and ventilators, 1; watch and clock materials, 2; watches, 1; windmills, 1.

BY COUNTIES.

46,724	40,797,099	3,445	1,418,689	403,655	208,336,642	53,779	14,671,506	19,582	2,984,792	57,284	30,277,371	33,256	8,688,445	2,837	418,459	773,734,637	1,331,794,901	1
99	47,958	.....	.....	603	174,031	283	49,023	61	2,343	16	3,032	5	500	11	427	577,989	1,112,640	2
5,253	6,050,647	283	118,090	77,625	45,195,627	3,041	759,114	2,588	468,877	6,422	4,124,899	1,975	509,286	470	109,377	146,651,915	244,525,875	3
170	118,306	4	1,518	1,356	857,095	53	11,324	51	10,952	32	37,255	.....	.....	.....	.....	2,897,091	4,740,573	4
309	307,194	9	2,184	3,576	1,814,456	283	66,299	321	49,642	325	189,864	40	9,386	28	5,600	3,503,708	7,367,059	5
174	85,297	.....	.....	995	312,849	12	1,606	37	3,806	66	11,137	2	88	2	87	1,831,710	2,591,504	6

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

PENNSYLVANIA—Continued.

BY COUNTIES—Continued.

	COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
7	Berks	975	$20,517,504	$11,184,309	$1,929,946	$3,922,348	$5,332,015	$9,333,195	$1,509,426	17,693	$7,078,146
8	Blair	392	11,807,640	7,400,084	737,035	3,407,878	3,255,171	4,407,556	408,324	8,819	4,694,283
9	Bradford	269	3,703,941	1,809,275	236,058	506,728	1,016,489	1,894,666	164,943	2,948	1,259,672
10	Bucks	649	5,247,081	2,997,949	452,938	950,742	1,594,269	2,249,132	353,676	4,903	1,843,100
11	Butler	140	1,830,504	1,376,073	112,400	554,880	708,793	454,431	205,316	1,010	478,119
12	Cambria	254	14,321,647	8,653,112	1,891,742	1,460,545	5,300,825	5,668,535	818,901	6,368	3,363,557
13	Cameron	26	2,304,182	1,311,610	684,410	222,150	405,050	992,572	84,518	646	261,493
14	Carbon	72	1,993,831	1,161,933	90,485	480,772	590,676	831,898	91,473	2,237	843,102
15	Center	207	4,495,283	2,404,393	823,735	430,690	1,149,968	2,090,890	186,798	1,880	699,432
16	Chester	496	10,594,385	6,308,741	932,109	1,976,508	3,400,124	4,285,644	555,888	5,831	2,771,730
17	Clarion	131	1,729,677	1,044,386	627,146	127,310	289,930	685,291	39,676	673	208,209
18	Clearfield	209	7,235,597	3,932,287	2,132,275	536,074	1,263,938	3,303,310	201,759	2,533	990,992
19	Clinton	165	3,698,008	2,024,129	574,469	749,348	700,312	1,673,879	174,372	2,488	1,075,851
20	Columbia	184	2,619,852	1,634,394	278,432	505,776	850,186	985,458	146,283	2,039	770,015
21	Crawford	383	4,548,347	2,495,938	346,320	829,729	1,319,889	2,052,409	313,812	3,696	1,647,818
22	Cumberland	224	2,735,497	1,449,202	328,080	441,505	679,617	1,286,295	120,390	2,135	688,455
23	Dauphin	716	17,295,667	7,125,588	995,893	2,021,718	4,107,977	10,170,079	789,634	13,719	6,273,670
24	Delaware	323	20,712,173	11,219,467	1,948,773	3,319,889	5,950,805	9,492,706	1,179,103	13,395	5,738,844
25	Elk	91	5,388,713	2,943,370	1,287,617	683,560	972,193	2,445,343	269,472	1,815	796,362
26	Erie	479	15,065,368	6,285,697	1,193,293	1,995,694	3,096,710	8,779,671	858,714	8,836	4,497,004
27	Fayette	219	9,505,011	7,381,009	819,644	1,057,803	5,503,562	2,124,002	502,583	4,939	2,505,535
28	Forest	72	2,699,383	1,852,800	1,319,390	191,750	341,660	846,583	124,489	826	326,091
29	Franklin	294	4,149,323	1,683,141	193,212	637,238	852,691	2,466,182	308,301	2,071	847,777
30	Fulton	58	134,331	109,365	26,425	34,555	48,385	24,966	5,576	107	25,062
31	Greene	104	362,370	229,492	32,355	69,142	127,995	132,878	39,908	318	104,852
32	Huntingdon	129	2,706,539	1,610,966	167,084	444,304	999,578	1,095,573	73,200	1,193	426,404
33	Indiana	209	1,541,003	950,447	337,283	218,504	394,660	590,556	60,653	1,122	369,488
34	Jefferson	180	3,781,132	2,667,675	1,631,439	258,855	777,381	1,113,457	137,959	1,529	497,407
35	Juniata	75	337,303	206,420	50,505	77,625	78,290	130,883	11,336	219	53,300
36	Lackawanna	288	17,705,465	9,159,980	1,371,306	3,054,105	4,734,569	8,545,485	951,816	9,776	4,545,829
37	Lancaster	1,770	15,431,032	7,745,990	1,242,540	2,772,188	3,731,262	7,685,042	1,550,946	15,729	4,993,441
38	Lawrence	168	4,480,872	2,267,974	311,416	536,484	1,420,074	2,212,898	199,226	2,816	1,819,263
39	Lebanon	242	7,126,275	5,180,530	494,695	1,337,821	3,348,014	1,945,745	347,981	4,556	1,865,663
40	Lehigh	737	16,974,666	9,882,676	1,692,258	2,914,852	5,275,566	7,091,990	977,678	10,257	4,064,695
41	Luzerne	560	10,574,356	6,613,912	1,429,347	1,877,140	3,307,425	3,960,444	838,588	8,315	3,779,204
42	Lycoming	561	16,865,174	7,791,343	3,733,288	1,393,946	2,664,109	9,073,831	859,304	8,748	3,683,372
43	McKean	228	5,877,964	3,428,168	1,672,891	441,965	1,313,312	2,449,796	341,445	3,545	1,556,616
44	Mercer	309	7,134,486	3,683,041	368,760	715,309	2,598,972	3,451,445	419,226	3,988	2,033,031
45	Mifflin	88	1,564,932	843,350	143,045	217,488	482,817	721,582	70,295	1,231	497,641
46	Monroe	93	1,442,985	861,387	184,985	211,640	464,762	581,598	87,676	1,009	337,643
47	Montgomery	626	24,034,587	13,659,004	2,004,638	3,653,872	8,000,494	10,375,583	1,046,136	15,270	6,557,594
48	Montour	42	3,177,026	2,004,735	144,545	474,820	1,475,370	1,082,291	88,149	1,388	578,435
49	Northampton	511	21,919,312	12,807,219	992,050	2,629,795	9,185,374	9,112,093	948,069	9,282	4,275,461
50	Northumberland	144	3,445,948	1,874,448	271,119	390,438	1,212,891	1,571,500	169,970	2,791	1,018,246
51	Perry	136	2,147,252	930,131	110,542	351,660	467,929	1,217,121	44,391	1,033	381,302
52	Philadelphia	18,166	375,249,715	166,928,640	38,679,356	47,296,048	80,953,236	208,321,075	39,615,476	260,264	135,917,021
53	Pike	33	306,548	192,230	88,075	31,400	72,755	114,318	8,913	193	59,557
54	Potter	121	3,998,100	2,208,462	1,392,029	239,215	577,218	1,789,638	187,057	1,437	517,886
55	Schuylkill	470	7,724,687	4,931,540	776,370	1,373,250	2,781,920	2,793,147	378,183	5,990	2,446,657
56	Snyder	94	490,455	300,271	62,665	105,340	132,266	190,184	18,855	399	80,359
57	Somerset	221	1,450,453	960,690	285,681	268,170	406,839	489,763	56,356	1,310	399,688
58	Sullivan	100	1,407,383	729,826	300,685	162,425	266,716	677,557	62,445	798	240,869
59	Susquehanna	200	1,525,613	1,081,267	124,315	389,342	576,610	444,346	56,668	1,639	667,630
60	Tioga	268	4,555,781	1,960,782	514,534	568,833	877,415	2,594,995	191,205	2,505	914,826
61	Union	139	1,567,743	801,817	307,950	177,760	316,107	765,926	38,647	761	213,476
62	Venango	168	7,137,540	2,947,208	210,828	740,616	1,995,764	4,190,332	831,756	2,108	1,123,321
63	Warren	202	4,929,452	2,211,691	834,226	564,643	812,822	2,717,761	257,528	2,404	996,296
64	Washington	212	2,108,326	1,171,037	163,518	363,201	644,318	937,289	164,933	1,427	731,170
65	Wayne	133	2,489,642	1,418,939	295,380	510,260	613,299	1,070,703	106,625	1,857	590,040
66	Westmoreland	264	16,959,274	8,114,137	757,789	1,430,596	5,925,752	2,845,137	779,227	6,247	3,311,955
67	Wyoming	120	901,098	501,973	155,445	154,290	192,238	462,125	19,488	434	142,223
68	York	1,095	7,667,517	4,094,081	844,587	1,277,248	1,972,246	3,573,436	840,455	8,301	2,604,657

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

PENNSYLVANIA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1,123	$885,280	39	$18,886	11,336	$4,657,102	1,216	$268,929	817	$92,627	2,081	$1,032,178	948	$208,987	133	$14,757	$17,664,329	$29,446,602	7
506	366,171	46	15,893	5,230	2,450,525	261	51,697	162	19,411	2,561	1,779,998	53	10,588	.....	.....	8,915,356	14,921,556	8
245	134,356	4	1,236	2,288	986,499	75	15,738	72	10,389	232	106,321	29	4,875	3	258	3,350,023	5,414,963	9
473	264,298	12	4,528	2,385	986,282	432	116,883	156	26,472	565	246,989	844	191,105	36	6,543	4,936,279	8,041,087	10
88	51,442	.....	.....	820	382,818	20	4,582	31	2,019	51	37,258	.....	.....	.....	.....	703,605	1,446,175	11
344	283,779	12	5,842	5,780	3,011,659	43	10,992	96	17,205	80	30,950	13	3,130	.....	.....	13,820,273	19,554,949	12
29	24,990	1	300	559	215,734	.....	.....	15	3,159	42	17,310	.....	.....	.....	.....	1,209,017	1,745,425	13
82	63,961	2	629	1,470	593,013	415	80,617	5	386	266	93,302	57	11,284	.....	.....	2,827,009	4,675,396	14
178	109,137	13	6,060	1,509	536,727	42	8,267	23	2,710	111	35,831	4	700	.....	.....	2,519,086	3,857,449	15
375	316,356	16	5,376	4,800	2,304,343	206	45,079	174	25,288	59	27,252	201	48,036	.....	.....	8,162,492	13,639,614	16
81	34,681	.....	.....	560	166,573	13	3,108	9	867	10	2,980	.....	.....	.....	.....	593,028	1,014,765	17
153	105,667	3	739	2,004	778,749	12	2,092	97	13,611	245	85,824	10	2,690	9	1,620	3,456,276	5,968,013	18
155	99,804	6	1,930	1,652	646,803	28	4,585	34	4,498	552	306,318	50	9,417	11	2,396	1,928,372	3,716,422	19
184	110,297	.....	.....	1,774	643,352	40	8,944	11	840	21	5,292	7	1,200	2	90	2,459,893	3,766,157	20
369	248,670	27	11,550	2,955	1,217,752	73	23,200	17	1,166	235	140,665	18	4,550	2	325	4,410,843	7,077,871	21
193	108,201	1	1,000	1,463	482,383	231	40,280	55	4,912	61	21,174	131	30,505	.....	.....	1,869,978	3,108,544	22
811	647,355	54	19,549	11,404	5,240,724	531	115,924	136	21,345	361	140,739	410	86,734	12	1,300	19,217,987	28,864,287	23
462	496,297	32	12,105	8,192	3,873,485	2,468	681,299	1,206	197,483	496	274,082	527	202,033	12	2,060	15,104,091	24,596,420	24
88	82,220	2	1,200	1,592	667,239	19	3,750	3	572	111	41,381	.....	.....	.....	.....	3,171,683	5,338,609	25
759	695,128	41	18,025	6,411	3,144,798	209	38,963	246	36,750	1,066	544,984	39	7,678	65	10,678	8,105,831	16,122,272	26
261	196,874	2	670	3,228	1,495,071	20	1,345	28	3,592	1,400	867,983	.....	.....	.....	.....	6,960,751	10,099,401	27
64	43,025	1	1,200	677	256,760	7	1,660	.....	.....	77	23,446	.....	.....	.....	.....	1,014,381	1,751,771	28
256	139,767	26	6,484	1,599	673,086	80	13,480	14	836	30	7,804	55	5,180	17	1,140	1,372,215	2,968,413	29
39	16,910	.....	.....	67	14,112	.....	.....	1	40	.....	.....	.....	.....	.....	.....	148,409	223,557	30
89	41,142	.....	.....	215	61,321	2	375	1	150	11	1,864	.....	.....	.....	.....	282,779	492,111	31
115	58,868	.....	.....	871	316,569	112	34,331	42	5,279	43	15,957	10	1,400	.....	.....	2,137,790	2,843,047	32
137	64,675	1	400	835	276,394	24	4,293	57	3,647	57	18,263	6	1,121	5	695	1,030,665	1,666,668	33
110	57,598	.....	.....	1,197	367,769	14	2,213	17	1,895	186	67,333	5	599	.....	.....	1,685,796	2,755,106	34
51	23,492	.....	.....	116	24,869	12	992	4	425	9	2,072	27	1,450	.....	.....	238,797	347,334	35
374	403,077	14	4,352	7,671	3,731,961	853	132,848	329	40,860	285	188,401	227	42,170	23	2,160	17,772,166	25,688,377	36
1,554	858,436	161	49,949	7,991	2,824,654	2,006	407,765	711	76,892	1,703	500,746	1,367	254,568	236	20,431	12,805,833	22,125,655	37
173	156,117	35	16,156	2,406	1,552,870	108	25,477	4	615	90	74,028	.....	.....	.....	.....	5,540,034	8,272,950	38
214	172,339	18	5,526	3,557	1,500,517	182	28,753	68	7,635	382	126,627	127	23,666	8	600	6,955,618	10,343,570	39
771	569,378	48	16,501	6,823	2,783,648	333	63,258	434	53,191	920	396,014	887	179,462	41	3,243	12,948,022	20,084,476	40
501	417,585	37	15,084	5,747	2,837,742	570	138,622	219	29,540	467	234,528	758	104,633	16	1,470	7,675,143	13,510,535	41
619	496,917	45	19,796	6,288	2,660,468	674	148,294	89	12,250	750	286,115	252	46,978	31	3,554	9,256,523	16,433,273	42
209	174,588	12	4,805	2,443	1,071,624	46	12,581	38	8,264	755	278,146	31	5,648	11	960	3,329,376	6,317,871	43
275	182,709	34	4,188	3,431	1,783,939	59	10,912	80	14,681	78	29,787	31	6,815	.....	.....	7,630,939	11,089,070	44
104	81,041	.....	.....	803	341,989	28	4,574	27	1,652	219	60,493	40	6,805	10	1,087	1,322,134	2,366,166	45
76	53,951	.....	.....	626	217,238	230	48,095	51	6,805	16	9,376	8	1,610	8	568	1,623,676	2,421,509	46
657	571,643	11	4,108	10,999	4,939,374	1,633	381,482	536	89,587	681	404,241	670	158,962	83	8,197	17,150,726	27,713,431	47
51	42,648	1	500	1,289	527,602	.....	.....	37	8,285	.....	.....	.....	.....	.....	.....	3,073,877	3,820,239	48
509	448,429	28	9,575	6,477	3,246,570	825	163,089	465	64,922	560	267,904	360	70,661	60	6,311	14,756,785	21,869,206	49
152	106,880	6	1,567	2,194	777,914	*68	14,547	53	6,531	299	107,530	18	3,127	1	150	2,902,024	4,507,610	50
95	52,096	.....	.....	894	323,133	3	250	33	4,169	8	1,654	.....	.....	.....	.....	1,434,584	2,153,198	51
23378	21,641,094	2,239	969,754	141291	80,288,766	34,036	10,290,499	8,607	1,384,219	27934	14,975,022	21590	6,185,134	1,189	182,533	311,645,804	577,234,446	52
21	12,240	.....	.....	146	42,025	8	1,248	.....	.....	14	3,324	4	720	.....	.....	139,862	249,365	53
64	32,465	.....	.....	1,223	436,404	1	312	.....	.....	149	48,705	.....	.....	.....	.....	1,888,335	3,550,847	54
502	365,354	26	9,918	4,056	1,747,772	642	114,515	173	13,401	243	132,736	334	60,870	14	2,091	6,000,358	9,748,881	55
63	23,840	1	100	229	51,692	60	3,698	42	840	2	158	.....	.....	2	31	410,167	599,325	56
151	65,186	.....	.....	994	294,378	7	1,496	14	1,421	138	37,040	4	147	2	20	908,444	1,637,908	57
43	22,185	1	500	695	198,974	1	100	10	300	46	18,090	2	720	.....	.....	837,367	1,341,999	58
152	68,596	4	1,620	1,428	584,216	9	1,496	12	1,822	32	9,840	.....	.....	2	40	1,034,058	1,906,905	59
207	108,356	5	1,766	2,020	727,788	60	14,564	10	1,510	198	60,552	2	200	3	150	3,452,825	5,303,874	60
93	40,653	.....	.....	588	156,544	28	4,645	8	564	25	6,377	15	4,073	4	720	922,729	1,422,868	61
209	205,317	6	3,027	1,595	796,188	69	18,987	49	5,615	171	90,639	9	3,548	.....	.....	5,843,235	8,865,394	62
176	121,227	5	1,820	2,110	837,590	40	10,455	17	1,923	42	19,456	10	3,207	4	618	3,504,944	5,940,748	63
174	116,698	.....	.....	939	449,566	32	8,827	80	9,843	162	140,117	20	2,552	20	3,567	1,480,509	2,819,560	64
68	46,533	1	416	1,128	370,641	165	40,677	313	51,869	124	70,664	49	7,700	9	1,540	1,673,517	2,987,105	65
301	247,668	4	926	3,643	1,827,799	105	15,505	188	36,859	1,973	1,175,404	14	3,734	19	4,060	6,505,144	11,473,716	66
80	45,268	1	260	342	95,805	2	575	.....	.....	9	315	.....	.....	.....	.....	733,689	1,159,942	67
883	480,742	73	21,681	4,345	1,580,282	619	91,536	298	16,193	989	241,605	961	156,213	223	17,005	6,416,743	11,653,247	68

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

RHODE ISLAND.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	3,377	$126,483,401	$68,013,492	$8,980,688	$19,294,199	$39,738,605	$58,469,909	$8,825,407	85,976	$37,927,921
2	Awnings, tents, and sails	5	28,976	2,566			2,566	26,410	2,872	41	29,018
3	Belting and hose, leather	3	114,580	42,200	11,000	21,000	10,200	72,380	2,455	56	26,268
4	Bicycle and tricycle repairing	3	14,627	4,362	300	500	3,562	10,265	690	18	10,028
5	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	178	301,551	184,383	69,700	56,710	57,973	117,168	25,009	407	248,736
6	Bookbinding and blank-book making. (See also Printing and publishing.)	6	69,550	24,800	150	250	24,400	44,750	6,873	77	36,630
7	Boot and shoe findings	4	106,400	56,000	25,000	15,000	16,000	50,400	2,430	60	29,622
8	Boots and shoes, custom work and repairing.	215	67,046	35,361	6,500	6,000	22,861	31,685	21,551	313	143,839
9	Boots and shoes, factory product	3	27,850	6,700			6,700	21,150	27,631	13	5,534
10	Bottling. (See also Liquors, malt; Mineral and soda waters.)	6	39,620	29,800	6,500	12,000	11,300	9,820	1,537	22	12,342
11	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	6	83,700	45,100	3,900	6,500	34,700	38,600	24,896	259	60,119
12	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	4	143,913	80,200	50,000	10,000	20,200	63,713	14,002	130	65,836
13	Brass castings and brass finishing. (See also Plumbers' supplies.)	10	98,215	58,000	12,500	23,500	22,000	40,215	3,645	58	35,820
14	Bread and other bakery products	83	528,373	307,115	98,400	97,500	111,215	221,258	66,506	559	314,027
15	Brooms and brushes	12	86,783	22,263	3,850	5,781	12,632	64,520	3,052	91	39,285
16	Buttons	4	67,323	35,158			35,158	32,165	8,464	110	49,384
17	Carpentering	217	979,563	268,869	53,612	78,635	136,622	710,694	109,609	2,079	1,468,846
18	Carriage and wagon materials	10	24,990	14,250	3,000	2,300	8,950	10,740	2,680	23	11,585
19	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	67	440,549	223,554	87,689	82,050	53,815	216,995	22,930	383	235,190
20	Cheese, butter, and condensed milk, factory product.	4	16,983	13,700	200	2,000	11,500	3,283	6,910	19	10,046
21	Chemicals. (See also Paints.)	7	136,083	50,310	11,700	7,010	31,600	85,773	28,695	62	45,062
22	Clothing, men's, custom work and repairing.	136	412,612	50,853	7,850	11,750	31,253	361,759	75,063	918	435,904
23	Clothing, men's, factory product	6	1,086,719	56,895			56,895	1,029,824	585,106	541	312,252
24	Clothing, women's, dressmaking	493	153,485	73,971	12,150	16,450	45,371	79,514	55,214	1,388	455,252
25	Clothing, women's, factory product	4	2,900	1,800			1,800	1,100	733	17	6,276
26	Coffee and spice, roasting and grinding.	4	58,300	27,400	5,000	5,000	17,400	31,200	3,584	30	21,255
27	Coffins and burial cases, trimming and finishing.	21	86,200	30,828	12,300	8,400	10,128	55,372	10,313	52	30,021
28	Confectionery	31	135,465	65,950	17,200	14,650	34,100	69,515	29,001	226	95,362
29	Cooperage	6	17,800	8,150	2,000	1,000	5,150	9,650	13,646	36	20,362
30	Cordage and twine	3	40,295	32,000	1,500	8,500	22,000	8,295	2,240	68	17,200
31	Cotton goods. (See also Hosiery and knit goods.)	94	38,798,161	27,778,643	3,458,746	7,686,756	16,633,141	11,019,518	1,871,057	24,832	8,131,142
32	Dentistry, mechanical	19	13,373	7,410			7,410	5,963	4,165	32	21,052
33	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	12	23,680	14,600	3,300	5,300	6,000	9,080	1,662	22	11,314
34	Dyeing and cleaning	8	25,375	19,400	2,500	4,000	12,900	5,975	4,042	41	20,828
35	Dyeing and finishing textiles	22	5,739,692	3,763,321	432,600	1,832,398	1,498,323	1,976,371	393,549	3,720	1,593,055
36	Electroplating	13	182,351	38,125			38,125	144,226	9,781	114	88,075
37	Enameled goods	4	23,610	6,700			6,700	16,910	7,038	104	38,763
38	Enameling	7	21,600	13,350	5,000	3,000	5,350	8,250	3,550	54	28,630
39	Engraving, wood	4	1,740	600			600	1,140	564	10	6,660
40	Fancy articles, not elsewhere specified.	6	54,097	41,347			41,347	12,750	2,615	57	22,022
41	Files. (See also Cutlery and edge tools.)	9	602,660	369,800	56,050	154,300	159,450	232,860	10,263	410	212,187
42	Flouring and grist mill products	31	391,102	138,670	42,490	49,080	47,100	252,432	24,012	135	76,252
43	Food preparations. (See also Fruits and vegetables, canning and preserving.)	4	2,297	1,550			1,550	747	1,009	13	3,403
44	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	101	11,377,475	6,672,870	1,373,230	1,981,489	3,318,145	4,704,605	525,136	7,212	4,219,521
45	Fur goods. (See also Hats and caps, not including wool hats.)	4	10,400	700			700	9,700	688	21	6,340
46	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	46	153,145	48,230	10,770	15,100	22,360	104,915	19,900	237	147,690
47	Furniture, factory product	4	62,050	17,200		6,000	11,200	44,850	7,788	95	68,664
48	Gas and lamp fixtures	4	55,400	20,900			20,900	34,500	3,240	61	25,780
49	Gas, illuminating and heating	7	4,118,273	3,770,257	684,300	467,809	2,618,148	348,016	85,487	396	262,780
50	Gold and silver, reducing and refining, not from the ore.	10	300,425	109,200	29,000	38,000	42,200	191,225	19,370	81	79,538
51	Grease and tallow. (See also Soap and candles.)	3	125,325	79,800	10,000	30,000	39,800	45,525	23,528	83	61,673

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

RHODE ISLAND.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
4,099	$4,351,338	766	$337,270	46,655	$23,248,561	20,940	$5,999,522	5,625	$894,645	3,029	$1,666,628	4,662	$1,398,457	200	$31,500	$76,253,023	$142,500,625	1
8	9,740	.....	.....	22	15,930	11	3,348	.....	.....	.....	.....	.....	.....	.....	.....	34,166	72,210	2
2	1,820	.....	.....	43	21,558	8	2,560	3	330	.....	.....	.....	.....	.....	.....	92,512	135,352	3
3	2,360	.....	.....	15	7,668	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,910	13,400	4
124	82,428	.....	.....	280	165,808	.....	.....	1	150	2	350	.....	.....	.....	.....	144,080	505,145	5
6	6,528	.....	.....	30	18,242	30	10,910	5	950	.....	.....	.....	.....	.....	.....	27,563	89,645	6
7	8,030	.....	.....	15	9,766	27	10,316	10	1,460	.....	.....	1	50	.....	.....	68,791	113,776	7
185	88,793	.....	.....	75	34,597	2	600	.....	.....	47	18,441	4	1,408	.....	.....	86,238	268,089	8
2	1,450	.....	.....	3	1,264	2	520	1	150	4	1,850	1	300	.....	.....	110,745	158,800	9
2	2,000	.....	.....	20	10,342	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68,417	129,117	10
5	4,365	.....	.....	47	16,264	148	28,474	5	704	.....	.....	54	10,312	.....	.....	71,720	177,450	11
8	9,842	.....	.....	112	50,994	.....	.....	.....	.....	10	5,000	.....	.....	.....	.....	128,450	243,200	12
9	9,140	.....	.....	48	26,605	.....	.....	1	75	.....	.....	.....	.....	.....	.....	79,608	127,937	13
87	67,853	24	7,630	398	222,498	40	11,341	4	918	6	3,787	.....	.....	.....	.....	898,399	1,546,567	14
10	8,306	.....	.....	28	16,234	11	2,955	2	90	.....	.....	38	11,640	2	60	71,151	155,905	15
7	6,660	1	728	55	27,739	26	6,529	6	701	8	4,958	7	1,979	.....	.....	46,978	131,857	16
203	188,252	2	696	1,871	1,279,198	.....	.....	.....	.....	3	700	.....	.....	.....	.....	2,022,815	4,095,300	17
7	4,920	.....	.....	15	6,515	.....	.....	1	150	.....	.....	.....	.....	.....	.....	13,724	34,120	18
56	46,059	1	300	325	188,731	.....	.....	1	100	.....	.....	.....	.....	.....	.....	196,285	538,224	19
5	3,736	.....	.....	14	6,310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71,894	91,322	20
13	16,449	.....	.....	46	26,067	2	546	.....	.....	1	2,000	.....	.....	.....	.....	93,972	200,348	21
104	83,323	.....	.....	233	136,725	153	46,324	12	1,856	196	98,771	220	68,905	.....	.....	408,937	1,090,294	22
75	112,252	3	1,420	223	124,858	231	70,722	.....	.....	9	3,000	.....	.....	.....	.....	1,132,503	2,234,940	23
1	450	472	216,754	6	3,618	872	229,902	.....	.....	2	200	35	4,328	.....	.....	736,844	1,366,678	24
.....	.....	.....	.....	1	936	9	3,040	.....	.....	.....	.....	7	2,300	.....	.....	17,164	34,200	25
14	12,525	.....	.....	12	7,194	4	1,536	.....	.....	.....	.....	.....	.....	.....	.....	157,607	201,812	26
23	16,285	.....	.....	25	13,376	.....	.....	.....	.....	3	300	1	60	.....	.....	71,449	136,622	27
41	23,223	13	4,162	122	53,736	49	14,091	1	150	.....	.....	.....	.....	.....	.....	239,363	456,613	28
7	5,686	.....	.....	28	14,626	.....	.....	.....	.....	1	50	.....	.....	.....	.....	39,776	80,232	29
2	1,700	.....	.....	41	11,100	25	4,400	.....	.....	.....	.....	.....	.....	.....	.....	45,615	67,183	30
254	315,555	2	820	10,165	4,014,066	9,335	2,631,457	3,139	487,107	342	126,718	1,552	548,258	43	7,161	14,347,672	27,310,499	31
22	16,650	.....	.....	6	3,128	3	1,165	.....	.....	1	100	.....	.....	.....	.....	7,268	37,994	32
9	6,480	.....	.....	10	3,834	3	1,000	.....	.....	.....	.....	.....	.....	.....	.....	13,678	33,456	33
8	6,034	.....	.....	18	10,066	14	4,578	1	150	.....	.....	.....	.....	.....	.....	4,464	36,713	34
88	124,755	13	5,304	2,854	1,252,339	502	139,245	145	22,103	50	27,722	68	21,587	.....	.....	1,819,351	4,743,561	35
16	25,637	.....	.....	91	60,768	4	1,160	3	510	.....	.....	.....	.....	.....	.....	449,821	652,092	36
9	8,055	.....	.....	38	18,386	27	6,322	20	3,000	10	3,000	.....	.....	.....	.....	24,821	85,000	37
9	8,864	.....	.....	23	13,070	20	6,280	2	416	.....	.....	.....	.....	.....	.....	3,511	41,798	38
3	2,448	.....	.....	7	4,212	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	650	8,808	39
6	6,585	.....	.....	33	12,722	18	2,715	.....	.....	.....	.....	.....	.....	.....	.....	14,454	51,100	40
23	27,007	.....	.....	192	93,275	37	14,000	17	3,800	135	72,405	6	1,700	.....	.....	128,625	405,380	41
37	27,555	.....	.....	97	48,447	.....	.....	1	250	.....	.....	.....	.....	.....	.....	1,168,188	1,349,843	42
4	1,450	.....	.....	6	1,680	3	273	.....	.....	.....	.....	.....	.....	.....	.....	3,958	10,900	43
328	402,578	8	3,653	6,348	3,456,594	59	18,886	9	1,417	460	336,393	.....	.....	.....	.....	3,752,455	10,170,286	44
1	1,000	3	1,388	1	780	16	3,172	.....	.....	.....	.....	.....	.....	.....	.....	34,917	42,726	45
33	23,522	5	1,300	174	114,152	15	5,240	1	156	9	3,320	.....	.....	.....	.....	173,672	393,367	46
9	11,548	.....	.....	81	55,016	4	1,250	1	250	.....	.....	.....	.....	.....	.....	50,520	126,500	47
7	7,320	.....	.....	44	18,460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29,958	70,200	48
25	32,630	2	1,040	369	229,110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	252,708	812,013	49
11	30,742	.....	.....	67	46,904	.....	.....	1	192	2	1,700	.....	.....	.....	.....	1,162,168	1,419,553	50
3	2,100	.....	.....	79	49,105	1	468	.....	.....	.....	.....	.....	.....	.....	.....	184,180	325,350	51

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

RHODE ISLAND—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.					Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
52	Hairwork	13	$17,190	$2,125			$2,125	$15,066	$4,861	31	$13,816
53	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	4	444,683	217,027	$10,727	$75,000	131,300	227,656	32,378	172	105,623
54	Hats and caps, not including wool hats. (See also Fur goods.)	4	22,150	10,600			10,600	11,550	1,890	152	24,882
55	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	16	1,728,618	942,958	90,200	257,402	595,356	785,660	110,720	1,538	487,350
56	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	4	67,665	22,000	4,000	6,500	11,500	45,665	3,960	79	46,315
57	Ivory and bone work	6	42,385	18,800			18,800	23,585	3,027	42	23,097
58	Jewelry. (See also Watch, clock, and jewelry repairing.)	179	6,095,971	1,301,527	33,100	125,050	1,143,377	4,794,444	237,451	4,551	2,657,158
59	Leather, dressed skins	3	22,450	4,750	1,000	1,500	2,250	17,700	1,549	13	8,260
60	Leather, tanned and curried	6	378,334	113,600	30,000	38,000	45,600	264,734	13,884	90	60,918
61	Lime and cement	3	25,295	13,450	7,100	4,550	1,800	11,845	1,034	33	11,219
62	Liquors, malt. (See also Bottling.)	3	287,500	100,000	7,000	7,000	86,000	187,500	102,376	97	80,025
63	Lock and gun smithing	11	13,695	11,400	3,000	1,000	7,400	2,295	2,743	20	14,436
64	Looking-glass and picture frames	19	55,200	7,725			7,725	47,475	7,987	67	39,888
65	Lumber and other mill products from logs or bolts.	29	125,921	92,455	25,020	17,115	50,320	33,466	7,698	186	62,108
66	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	24	429,502	267,800	33,100	63,100	111,600	221,702	24,728	204	134,282
67	Marble and stone work. (See also Monuments and tombstones.)	20	121,142	41,765	16,000	5,770	19,995	79,377	7,166	200	137,837
68	Masonry, brick and stone. (See also Plastering and stuccowork.)	58	306,240	114,870	37,400	25,200	52,270	191,370	13,151	906	638,089
69	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	5	22,900	3,150			3,150	19,750	2,366	46	19,648
70	Milliuery, custom work	98	168,970	24,914	9,750	11,000	4,164	144,056	29,950	289	106,115
71	Mineral and soda waters. (See also Bottling.)	24	119,469	92,090	15,125	19,000	57,965	27,379	17,078	114	55,431
72	Models and patterns	8	13,125	7,700			7,700	5,425	1,871	18	14,070
73	Monuments and tombstones. (See also Marble and stone work.)	20	72,497	15,825	5,600	3,400	6,825	56,672	5,328	94	71,327
74	Musical instruments and materials, not specified. (See also Musical instruments, organs and materials.)	3	1,830	710			710	1,120	551	4	2,310
75	Oil, lubricating	6	105,812	21,704	1,300	5,000	15,404	84,108	18,660	43	33,500
76	Oleomargarine	4	139,307	28,134	234	4,900	23,000	111,173	75,082	64	44,790
77	Painting and paper hanging	131	233,921	68,797	17,050	9,950	41,797	165,124	26,144	797	534,756
78	Paints. (See also Chemicals.)	6	129,875	53,801	10,000	17,657	26,144	76,074	6,449	45	32,610
79	Paper goods, not elsewhere specified	4	33,279	10,395			10,395	22,884	4,294	37	14,075
80	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	14	863,076	77,566	33,000	25,200	19,366	785,510	10,897	81	57,224
81	Paving and paving materials	5	34,590	13,121	1,000	2,400	9,721	21,469	5,618	98	48,238
82	Photography	33	98,575	72,615	2,000	1,500	69,115	25,960	18,164	115	76,395
83	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	3	54,475	21,750	2,000	10,250	9,500	32,725	7,791	27	13,350
84	Plastering and stuccowork. (See also Masonry, brick and stone.)	13	22,180	9,300	300	1,050	7,950	12,880	2,954	108	80,610
85	Plumbing and gas fitting	67	301,984	96,715	24,600	18,400	53,715	205,269	29,358	511	311,325
86	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	40	421,763	297,250	6,000	9,000	282,250	124,513	52,210	410	235,278
87	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	40	661,944	485,267	81,820	109,200	294,247	176,677	192,815	579	374,894
88	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	5	33,700	9,600	1,000	2,300	6,300	24,100	2,422	41	22,236
89	Rubber and elastic goods	4	358,764	86,570			86,570	272,194	63,661	463	189,846
90	Saddlery and harness	61	190,703	44,483	4,900	3,900	35,683	146,220	22,441	228	124,386
91	Sausage. (See also Slaughtering and meat packing; wholesale.)	5	12,450	7,800	2,400	1,150	4,250	4,650	7,126	30	19,676
92	Shipbuilding	15	316,665	164,780	47,500	24,200	93,080	151,885	5,271	200	133,453
93	Shoddy	10	194,250	113,000	9,000	20,000	90,600	74,650	22,278	146	68,014
94	Silk and silk goods	3	122,256	70,364			70,364	51,892	17,427	104	61,978
95	Silverware	4	3,002,232	947,500	125,000	250,000	572,500	2,054,732	367,389	1,034	780,935
96	Slaughtering and meat packing, wholesale. (See also Sausage.)	10	753,100	89,100	17,500	15,000	56,600	664,000	45,140	291	186,009

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

RHODE ISLAND—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
4	$3,130	2	$590	11	$5,910	7	$2,136	.....	.....	1	$600	6	$1,450	.....	.....	$11,860	$36,020	52
4	3,300	.....	.....	168	102,323	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	179,328	361,745	53
6	2,636	.....	.....	102	15,220	38	4,256	.....	.....	1	750	3	1,500	2	$520	28,525	60,100	54
33	33,255	1	416	250	116,268	435	125,038	48	$6,191	82	51,900	588	138,916	101	15,366	1,618,621	2,516,664	55
6	6,200	.....	.....	73	40,115	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61,994	120,084	56
8	7,147	.....	.....	30	14,682	4	1,268	.....	.....	.....	.....	.....	.....	.....	.....	14,101	47,286	57
410	525,489	49	21,140	2,610	1,577,002	1,004	288,304	59	9,030	273	184,736	145	51,436	1	21	3,301,814	8,011,067	58
3	2,360	.....	.....	5	2,900	.....	.....	.....	.....	5	3,000	.....	.....	.....	.....	20,550	35,082	59
13	16,095	1	578	75	42,945	.....	.....	.....	.....	1	1,300	.....	.....	.....	.....	311,765	412,213	60
4	2,190	.....	.....	27	7,906	.....	.....	.....	.....	2	1,123	.....	.....	.....	.....	15,277	31,120	61
15	29,125	.....	.....	82	50,900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	187,500	436,846	62
12	10,044	.....	.....	8	4,392	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,957	22,420	63
17	14,140	1	208	42	24,230	3	904	1	156	3	250	.....	.....	.....	.....	72,091	145,833	64
7	3,961	1	400	171	56,343	.....	.....	.....	.....	7	1,494	.....	.....	.....	.....	112,766	244,490	65
28	24,505	.....	.....	176	109,777	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	233,456	430,618	66
21	21,089	.....	.....	177	116,460	.....	.....	2	288	.....	.....	.....	.....	.....	.....	56,537	228,650	67
51	66,273	.....	.....	915	581,816	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	683,835	1,495,234	68
6	4,784	1	260	22	10,330	13	2,874	1	250	.....	.....	3	1,150	.....	.....	30,074	57,300	69
17	12,379	59	28,038	4	1,500	205	63,835	2	305	.....	.....	2	58	.....	.....	233,854	430,692	70
24	15,615	.....	.....	89	39,766	.....	.....	1	50	.....	.....	.....	.....	.....	.....	56,410	174,974	71
7	6,710	.....	.....	11	7,360	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,072	22,768	72
17	18,100	.....	.....	77	53,227	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47,728	143,940	73
4	2,310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,419	4,061	74
24	23,886	2	1,020	17	8,594	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118,491	209,269	75
17	22,524	1	364	46	21,902	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	531,309	675,090	76
113	90,990	.....	.....	678	442,977	1	144	4	487	1	158	.....	.....	.....	.....	223,592	891,132	77
23	19,924	1	300	21	12,386	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96,511	158,417	78
6	4,800	.....	.....	4	3,141	14	2,850	6	1,000	.....	.....	7	2,284	.....	.....	14,633	40,668	79
28	30,768	2	1,074	29	17,974	19	6,732	1	156	.....	.....	2	520	.....	.....	77,037	336,363	80
8	5,912	.....	.....	90	42,326	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,864	107,969	81
25	30,518	8	3,994	45	29,405	34	11,804	.....	.....	2	596	1	78	.....	.....	58,839	189,075	82
6	5,450	.....	.....	16	6,350	2	800	.....	.....	.....	.....	.....	.....	3	750	62,943	169,300	83
15	13,406	.....	.....	93	67,204	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,884	135,133	84
72	65,292	7	2,694	430	242,929	1	260	1	150	.....	.....	.....	.....	.....	.....	446,453	878,260	85
64	62,266	10	3,710	253	144,724	60	14,700	12	2,528	9	6,600	2	750	.....	.....	175,599	528,224	86
71	71,902	7	2,514	299	211,679	24	9,276	84	10,672	77	63,770	17	5,081	.....	.....	187,758	900,283	87
6	4,020	.....	.....	35	18,216	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,030	83,500	88
24	27,864	1	416	155	74,666	155	39,609	.....	.....	65	18,700	63	28,600	.....	.....	359,668	629,000	89
56	43,806	.....	.....	132	67,452	34	11,383	2	256	4	1,400	.....	.....	.....	.....	158,897	352,025	90
4	2,904	.....	.....	26	16,772	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38,782	73,104	91
16	15,980	.....	.....	184	117,473	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68,900	239,626	92
14	16,498	.....	.....	129	50,580	3	936	.....	.....	.....	.....	.....	.....	.....	.....	1,165,235	1,356,792	93
6	7,675	2	832	44	20,964	54	13,427	19	2,952	5	1,434	53	12,384	11	2,310	149,763	229,062	94
64	93,400	1	500	910	648,291	34	12,344	.....	.....	25	26,400	.....	.....	.....	.....	1,045,860	2,509,869	95
47	50,010	2	670	239	134,570	.....	.....	3	756	.....	.....	.....	.....	.....	.....	4,213,329	4,627,366	96

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

RHODE ISLAND—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
97	Soap and candles. (See also Grease and tallow.)	14	$197,644	$78,525	$16,000	$21,600	$40,025	$119,119	$36,000	247	$111,239
98	Sporting goods	7	200,301	106,600	9,000	37,000	60,600	93,701	8,288	172	89,024
99	Stationery goods, not elsewhere specified.	5	23,850	7,600	.....	.....	7,600	16,250	1,750	28	14,094
100	Timber products, not manufactured at mill.	3	9,235	7,415	4,300	.....	3,115	1,820	3,022	17	6,956
101	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	64	346,330	121,446	30,350	24,400	66,696	224,884	33,937	390	249,357
102	Tobacco, cigars and cigarettes	31	119,289	18,221	3,200	6,950	8,071	101,068	31,927	205	89,873
103	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	11	67,122	32,750	1,600	1,900	29,250	24,372	2,176	54	37,235
104	Trunks and valises. (See also Leather goods.)	3	19,800	600	.....	.....	600	19,200	1,145	9	5,780
105	Umbrellas and canes	4	31,175	10,750	.....	.....	10,750	20,425	5,434	106	51,889
106	Upholstery materials. (See also Woolen goods; Worsted goods.)	5	682,984	189,070	44,534	60,850	83,686	493,914	38,785	235	106,511
107	Watch, clock, and jewelry repairing. (See also Jewelry.)	36	28,745	16,740	1,400	3,500	11,840	12,005	4,646	44	25,963
108	Window shades	3	76,784	2,700	.....	.....	2,700	74,084	10,248	84	38,712
109	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	9	34,680	21,200	.....	.....	21,200	13,480	4,835	56	29,138
110	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	16	249,221	147,668	29,250	56,400	62,018	101,553	13,338	333	147,500
111	Woolen goods. (See also Hosiery and knit goods.)	40	9,360,927	3,476,501	288,396	944,200	2,243,905	5,884,426	530,535	6,028	2,297,416
112	Worsted goods	28	14,949,166	7,240,767	657,519	2,273,203	4,310,045	7,708,399	1,337,472	11,757	4,263,968
113	All other industries (*a*)	99	13,975,533	5,606,275	569,520	1,906,834	3,129,921	8,369,258	847,851	5,887	2,719,020

a Embraces agricultural implements, 1; artificial feathers and flowers, 1; baskets and rattan and willow ware, 1; boots and shoes, rubber, 1; boxes, cigar, 1; brassware, 2; brick and tile, 2; bridges, 1; carpets and rugs, other than rag, 1; cars and general shop construction and repairs by steam railroad companies, 2; clay and pottery products, 2; cleansing and polishing preparations, 1; clocks, 1; coffins, burial cases, and undertakers' goods, 2; collars and cuffs, paper, 1; corsets, 1; cotton waste, 2; cutlery and edge tools, 1; dye stuffs and extracts, 2; electrical apparatus and supplies, 2; engraving and diesinking, 1; engraving, steel, including plate printing, 1; flavoring extracts, 2; foundry supplies, 1; fruits and vegetables, canning and preserving, 1; gas stoves, 1; glass, cutting, staining, and ornamenting, 2; gold and silver, leaf and foil, 1; hand stamps, 2; hooks and eyes, 1; horseshoes, factory product, 1; instruments, professional and scientific, 1; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, forgings, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 2; jewelry and instrument cases, 2;

BY COUNTIES.

1	The State	3,377	126,483,401	68,013,492	8,986,688	19,294,199	39,738,605	58,469,909	8,825,407	85,976	37,927,921
2	Bristol	57	2,636,694	1,776,372	294,794	422,100	1,059,478	860,322	89,510	1,521	556,705
3	Kent	85	9,039,127	6,814,057	602,610	2,944,278	3,267,169	2,225,070	294,172	7,101	2,379,881
4	Newport	204	2,761,108	1,397,197	200,970	367,210	829,017	1,363,911	411,514	1,729	975,658
5	Providence	2,891	106,635,605	55,517,826	7,552,671	14,647,941	33,317,214	51,117,779	7,685,591	72,034	32,661,923
6	Washington	140	5,410,867	2,508,040	329,643	912,670	1,265,727	2,902,827	344,620	3,591	1,353,754

SOUTH CAROLINA.

BY SPECIFIED INDUSTRIES.

1	All industries	2,382	29,276,261	18,217,734	2,981,486	5,591,670	9,644,578	11,058,527	1,792,386	24,662	6,590,983
2	Agricultural implements	4	38,210	25,000	4,350	11,250	9,400	13,210	385	39	11,226
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	134	93,837	54,981	26,719	17,979	10,283	38,856	7,707	244	81,746
4	Boots and shoes, custom work and repairing.	69	36,103	15,887	4,250	4,600	7,037	14,216	7,806	104	36,337
5	Bread and other bakery products	39	389,462	227,485	93,975	94,075	39,435	161,977	18,436	261	108,547
6	Brick and tile. (See also Clay and pottery products.)	39	232,432	151,738	54,798	24,770	72,170	80,694	16,450	787	121,238
7	Carpentering	90	338,062	96,221	26,345	28,100	41,776	242,441	23,686	745	350,692
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	54	253,129	138,450	52,650	50,625	35,175	114,679	13,925	287	110,721
9	Cars and general shop construction and repairs by steam railroad companies.	6	420,859	301,260	90,500	131,500	79,260	119,599	.....	835	399,911
10	Clay and pottery products. (See also Brick and tile.)	5	11,975	9,780	5,600	3,200	980	2,195	319	34	10,165
11	Clothing, men's, custom work and repairing.	44	105,235	55,735	27,450	20,450	7,835	49,500	9,138	191	92,229

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

RHODE ISLAND—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
27	$34,787	1	$624	120	$57,254	2	$156	97	$18,418	.....	.....	.....	.....	.....	.....	$633,683	$875,813	97
12	12,266	1	480	130	69,018	21	5,540	.....	.....	.....	.....	8	$1,720	.....	.....	83,343	212,189	98
6	6,200	2	600	15	5,594	5	1,700	.....	.....	.....	.....	.....	.....	.....	.....	22,001	49,206	99
.....	.....	.....	.....	17	6,950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,930	20,135	100
63	55,484	.....	.....	315	188,178	2	550	2	256	8	$4,889	.....	.....	.....	.....	314,885	683,750	101
25	18,062	1	235	28	13,595	28	8,066	.....	.....	52	27,472	67	21,945	4	$558	97,834	254,586	102
12	11,197	.....	.....	42	26,038	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,790	66,526	103
2	1,560	.....	.....	7	4,220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,280	25,700	104
11	7,665	.....	.....	83	40,360	10	3,500	.....	.....	.....	.....	2	364	.....	.....	20,760	83,940	105
12	14,298	.....	.....	114	59,089	62	17,630	10	1,500	9	3,397	28	10,599	.....	.....	254,229	534,089	106
23	14,013	1	300	18	10,950	.....	.....	.....	.....	2	700	.....	.....	.....	.....	10,617	47,626	107
9	12,696	.....	.....	64	22,404	11	3,612	.....	.....	.....	.....	.....	.....	.....	.....	412,290	506,700	108
14	10,410	.....	.....	41	18,428	1	300	.....	.....	.....	.....	.....	.....	.....	.....	21,217	58,840	109
20	21,027	3	1,292	285	118,895	13	4,020	12	2,266	.....	.....	.....	.....	.....	.....	147,505	325,790	110
116	135,784	.....	.....	3,174	1,352,538	1,873	589,129	349	61,799	129	54,608	383	103,154	4	404	6,042,754	9,884,945	111
126	106,017	3	1,022	5,277	2,335,433	4,322	1,320,143	1,345	217,195	122	51,271	533	138,527	29	4,350	13,932,912	22,319,684	112
274	356,453	46	17,804	3,069	1,512,448	729	147,041	171	30,765	843	449,405	755	205,104	.....	.....	6,850,877	13,204,982	113

kindling wood, 1; lapidary work, 1; lead, bar, pipe, and sheet, 1; leather goods, 1; liquors, vinous, 1; lithographing and engraving, 1; millinery and lace goods, 2; musical instruments, organs and materials, 1; nets and seines, 1; oil, cottonseed and cake, 1; ordnance and ordnance stores, 1; paper, 2; pencils, lead, 1; pens, fountain and stylographic, 1; pens, gold, 1; perfumery and cosmetics, 1; photolithographing and engraving, 2; plumbers' supplies, 2; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; rules, ivory and wood, 1; safes and vaults, 1; saws, 1; scales and balances, 1; screws, wood, 1; sewing machines and attachments, 3; shirts, 2; show cases, 1; silversmithing, 1; smelting and refining, 1; starch, 1; steam fittings and heating apparatus, 2; stencils and brands, 2; stereotyping and electrotyping, 1; taxidermy, 1; toys and games, 1; washing machines and clothes wringers, 2; watch cases, 1; windmills, 1.

BY COUNTIES.

4,099	4,351,338	766	337,270	46,655	23,248,561	20,940	5,999,522	5,625	894,645	3,029	1,666,628	4,662	1,398,457	200	31,500	76,253,023	142,500,625	1
59	59,561	12	6,920	778	316,917	449	134,697	210	30,610	13	8,000	.....	.....	.....	.....	960,096	1,809,241	2
91	103,780	5	1,944	3,536	1,419,122	2,024	567,367	996	144,366	150	32,872	299	110,430	.....	.....	4,709,082	8,520,538	3
122	115,385	25	7,662	1,058	708,366	354	110,480	117	12,434	20	10,100	33	11,231	.....	.....	1,831,583	3,865,166	4
3,693	3,967,361	712	316,577	39,377	19,987,005	17,272	4,960,780	4,103	673,809	2,688	1,548,463	3,993	1,176,832	196	31,096	65,245,099	122,760,555	5
134	105,251	12	4,167	1,906	817,151	841	226,198	199	33,426	158	67,193	337	99,964	4	404	3,493,163	5,605,125	6

SOUTH CAROLINA.

BY SPECIFIED INDUSTRIES.

1,731	1,055,202	183	61,042	15,901	4,299,473	3,476	668,438	2,264	217,274	763	216,964	299	68,258	45	4,332	18,873,666	31,926,681	1
2	1,600	.....	.....	37	9,626	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,567	35,485	2
79	34,384	.....	.....	150	45,040	.....	.....	3	299	11	1,773	.....	.....	1	250	50,715	176,635	3
58	24,267	.....	.....	23	5,799	.....	.....	1	12	21	5,843	1	416	.....	.....	28,055	83,534	4
53	34,331	17	5,408	180	68,858	8	1,710	3	240	.....	.....	.....	.....	.....	.....	284,565	510,051	5
23	10,115	.....	.....	698	106,830	.....	.....	64	4,228	2	65	.....	.....	.....	.....	45,650	265,598	6
89	62,745	.....	.....	637	293,160	.....	.....	.....	.....	19	4,787	.....	.....	.....	.....	689,579	1,221,626	7
33	23,299	.....	.....	248	86,056	.....	.....	2	159	4	1,216	.....	.....	.....	.....	102,483	270,127	8
7	5,500	.....	.....	828	394,411	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	287,862	688,191	9
5	2,940	.....	.....	27	6,750	.....	.....	1	75	1	400	.....	.....	.....	.....	2,665	14,291	10
40	26,422	5	2,454	42	16,490	10	2,048	1	120	71	38,308	22	6,387	.....	.....	71,415	212,438	11

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

SOUTH CAROLINA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
12	Clothing, men's, factory product	6	$79,695	$2,320			$2,320	$77,375	$3,686	115	$41,844
13	Clothing, women's, dressmaking	132	55,884	43,628	$13,875	$20,650	9,103	12,256	16,302	318	68,186
14	Coffins and burial cases, trimming and finishing.	7	21,215	15,855	6,900	7,900	1,055	5,360	1,001	15	5,748
15	Confectionery	7	24,511	19,778	5,500	8,850	5,428	4,733	2,833	31	7,646
16	Cooperage	32	303,063	179,837	21,829	111,535	46,473	123,226	13,726	387	143,181
17	Cotton, compressing	4	1,187,000	1,155,000	258,000	642,000	255,000	32,000	29,150	155	51,600
18	Cotton, ginning	112	160,580	129,669	11,599	28,105	89,965	30,911	6,358	514	34,372
19	Cotton goods	34	11,141,833	7,388,700	298,372	2,129,319	4,961,009	3,753,133	528,208	8,192	1,646,574
20	Dentistry, mechanical	6	4,870	2,450			2,450	2,420	908	7	2,416
21	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	13	31,040	20,950	5,500	14,000	1,450	10,090	3,783	26	9,206
22	Fertilizers. (See also Chemicals.)	20	5,920,218	2,215,289	444,400	1,055,783	715,106	3,704,929	490,335	1,182	492,015
23	Flouring and grist mill products	512	984,791	836,217	188,312	232,225	415,680	148,574	31,854	906	163,747
24	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	17	516,175	274,466	45,150	58,190	171,126	241,709	18,419	307	198,603
25	Furnishing goods, men's	8	16,255	10,785	5,500	2,859	2,435	5,470	1,270	35	7,335
26	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	10	11,250	5,300	1,700	1,000	2,600	5,950	1,771	27	10,315
27	Furniture, factory product	3	14,230	8,825	1,700	2,125	5,000	5,405	945	20	5,577
28	Ice, artificial	4	118,800	105,800	13,500	18,300	74,000	13,000	7,215	61	27,729
29	Leather, tanned and curried	4	12,093	6,718	3,106	1,110	2,502	5,375	126	13	3,233
30	Lime and cement	4	14,188	10,908	3,733	5,000	2,175	3,280	1,280	62	13,488
31	Lock and gun smithing	9	29,225	22,750	10,450	9,000	3,300	6,475	2,121	22	9,907
32	Lumber and other mill products from logs or bolts.	328	1,727,215	1,449,977	508,895	108,096	832,986	277,238	68,560	2,445	427,133
33	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	27	350,471	171,753	44,128	36,900	90,725	178,718	16,606	410	159,711
34	Masonry, brick and stone. (See also Plastering and stuccowork.)	36	194,234	65,385	41,450	18,700	5,235	128,849	8,396	286	139,481
35	Mattresses and spring beds. (See also Furniture.)	8	16,326	12,957	750	9,100	3,107	3,369	2,618	58	18,942
36	Millinery, custom work	18	42,490	13,635	4,500	7,500	1,635	28,855	7,928	61	17,994
37	Mineral and soda waters	7	27,325	24,100	1,000	5,000	18,100	3,225	2,107	31	12,103
38	Monuments and tombstones. (See also Marble and stone work.)	9	65,825	18,377	12,200	2,525	3,652	47,448	3,744	59	39,879
39	Oil, cottonseed and cake	17	565,372	481,046	20,798	125,883	334,365	84,326	59,136	449	68,632
40	Painting and paper hanging	9	17,740	8,400	2,600	3,400	2,400	9,340	2,047	58	29,471
41	Photography	10	36,705	28,150			28,150	8,555	4,479	31	16,117
42	Plumbing and gas fitting	14	27,862	14,017	5,900	5,700	2,417	13,845	3,718	42	20,855
43	Printing and publishing, book and job	14	276,930	156,775	22,800	45,375	88,600	120,155	28,109	172	95,084
44	Printing and publishing, newspapers and periodicals.	76	438,704	289,025	22,400	47,550	219,075	149,679	33,419	449	237,385
45	Rice, cleaning and polishing	6	354,400	326,000	60,000	113,000	153,000	28,400	26,767	159	53,685
46	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	8	31,409	11,023	1,500	6,000	3,523	20,386	2,453	39	20,304
47	Saddlery and harness	21	80,286	22,275	6,500	10,100	5,675	58,011	9,821	77	36,492
48	Shipbuilding	8	128,020	48,200	20,500	15,400	12,300	79,820	11,554	83	47,286
49	Sugar and molasses, refining	6	525	525	35	90	400		73	11	489
50	Tar and turpentine	201	605,873	468,000	270,552		137,448	197,873	32,056	2,243	378,768
51	Timber products, not manufactured at mill.	24	120,940	42,370	27,720		14,650	78,570	25,157	349	59,627
52	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	29	112,725	71,055	23,120	31,950	15,985	41,670	8,032	102	49,228
53	Tobacco, cigars and cigarettes	7	9,630	1,030			1,030	8,600	5,956	28	12,909
54	Watch, clock, and jewelry repairing	21	47,122	32,100	7,000	13,000	12,100	15,022	7,853	52	42,865
55	All other industries (*a*)	51	1,437,312	989,777	157,375	251,810	580,492	447,535	112,644	986	340,919

a Embraces awnings, tents, and sails, 2; bagging, flax, hemp, and jute, 1; bags, other than paper, 2; baskets and rattan and willow ware, 1; boot and shoe uppers, 1; boots and shoes, factory product, 2; boxes, wooden packing, 2; chemicals, 1; cotton, cleaning and rehandling, 1; cotton ties, 2; cotton waste, 1; dyeing and cleaning, 2; flags and banners, 1; food preparations, 1; fruits and vegetables, canning and preserving, 2; gas, illuminating and heating, 2; grease and tallow, 1; hairwork, 2; hand stamps, 1; house furnishing goods, not elsewhere specified, 1; ironwork, architectural and ornamental, 2; leather goods, 1; liquors, malt, 1;

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

SOUTH CAROLINA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
14	$14,200	1	$474	4	$2,720	25	$3,800			5	$3,000	66	$17,650			$106,700	$185,200	12
		114	38,253			155	26,391	3	$140			43	3,282	3	$120	25,270	141,062	13
5	2,624			8	2,500					2	624					8,730	20,850	14
3	1,520	5	1,490	23	4,636											17,013	48,485	15
8	9,453			357	129,904					22	3,824					308,114	482,947	16
20	18,200			135	33,400											11,165	124,000	17
40	5,438			459	28,345			2	25	13	564					16,342	113,011	18
116	134,340	5	1,740	2,801	704,441	2,987	568,171	2,119	201,470	48	13,560	83	19,040	33	3,812	6,819,320	9,800,798	19
4	1,836			3	580											2,209	7,325	20
19	8,182			7	1,024											20,481	46,508	21
80	105,630			1,097	386,250			1	35	4	100					2,754,407	4,417,658	22
276	77,331			605	85,330			4	254	21	832					1,726,896	2,083,120	23
20	23,550			343	174,628					4	525					224,268	517,710	24
4	1,160	5	750			3	425			23	5,000					15,695	32,470	25
10	4,960			13	5,030					4	325					13,298	26,475	26
1	600			17	4,767	1	60	1	150							14,642	27,015	27
6	3,989			55	23,740											17,285	63,500	28
1	117			12	3,116											12,120	21,900	29
				57	12,628					5	860					2,575	26,430	30
12	6,185			10	3,812											7,596	28,640	31
197	64,392			2,195	358,508					53	4,233					974,782	1,982,583	32
40	27,694			363	130,192			5	1,125	2	700					396,242	711,838	33
32	20,111			245	117,854					9	1,516					423,936	657,865	34
9	4,780	1	144	26	9,331	4	582			17	3,905	1	200			16,011	45,882	35
		24	8,257			37	9,737									28,820	78,906	36
10	5,408			21	6,695											19,541	46,191	37
9	6,906			45	31,573	1	200			4	1,200					27,693	106,289	38
33	12,278			412	56,169			4	185							740,605	927,772	39
12	8,305			38	18,980			1	50	7	2,136					18,172	56,825	40
10	8,669			19	6,908	2	540									9,583	36,870	41
13	8,330			29	12,525											27,690	54,825	42
47	35,651			82	45,132	40	14,020	2	125	1	156					102,954	275,604	43
76	55,357			287	132,699	5	1,004	22	2,700	58	45,505	1	120			74,755	518,927	44
16	15,985			143	37,700											190,800	315,056	45
6	6,090			32	14,134			1	80							24,989	53,716	46
23	15,871			39	13,986					15	6,635					61,313	132,731	47
7	6,360			71	40,556					5	370					46,752	186,130	48
1	40			10	449											1,065	3,903	49
				2,113	366,375	3	250			104	11,430	15	563	8	150	677,383	1,524,100	50
7	1,780			191	21,287					151	36,560					21,507	164,167	51
30	16,667			70	32,401			1	60	1	100					57,684	137,010	52
6	2,853			6	2,820					16	7,236					11,017	33,431	53
31	27,180			18	14,309					3	1,376					15,321	77,398	54
88	69,577	6	2,072	570	191,119	195	39,500	23	5,751	37	12,300	67	20,600			1,198,369	2,105,676	55

liquors, vinous, 1; looking-glass and picture frames, 1; marble and stone work, 2; musical instruments, organs and materials, 1; patent medicines and compounds, 2; plastering and stuccowork, 1; sausage, 2; soap and candles, 1; trunks and valises, 1; umbrellas and canes, 2; vinegar and cider, 1; wood, turned and carved, 2; woolen goods, 1.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

SOUTH CAROLINA—Continued.

BY COUNTIES.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.					Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
1	The State	2,382	$29,276,261	$18,217,734	$2,981,486	$5,591,670	$9,644,578	$11,058,527	$1,792,386	24,662	$6,590,983
2	Abbeville	46	147,668	128,135	19,105	30 575	78,455	19,533	4,733	217	30,952
3	Aiken	78	1,251,439	798,624	105,317	197,240	496,067	452,815	92,379	1,469	255,206
4	Anderson	110	899,463	665,179	45,969	176,195	389,015	294,284	67,363	1,452	260,240
5	Barnwell	28	107,865	80,615	26,960	18,500	35,155	27,190	6,318	159	28,828
6	Beaufort	25	926,991	306,846	71,900	141,550	87,396	626,145	136,683	299	86,819
7	Berkeley	37	1,251,854	750,514	137,897	309,575	303,042	501,340	62,752	615	199,908
8	Charleston	576	16,698,436	5,993,513	1,312,648	2,354,560	2,326,305	4,764,917	715,579	6,062	2,565,132
9	Chester	37	490,764	353,139	30,157	95,535	227,447	137,625	9,630	353	65,709
10	Chesterfield	37	141,941	81,089	28,728	13,400	38,961	60,852	6,733	292	59,074
11	Clarendon	22	116,520	90,345	20,810	7,385	62,150	26,175	4,608	272	63,693
12	Colleton	30	577,355	239,325	70,990	82,190	86,145	338,030	35,188	240	63,424
13	Darlington	28	535,109	378,310	18,375	102,120	257,815	156,799	16,674	371	74,075
14	Edgefield	63	187,212	144,046	49,616	22,590	71,840	43,166	7,179	260	54,919
15	Fairfield	24	96,305	73,715	7,270	15,025	51,420	22,590	5,129	112	18,341
16	Florence	76	190,765	150,181	45,407	20,535	84,239	40,584	5,223	588	139,951
17	Georgetown	81	369,368	216,228	93,130	28,030	95,068	93,170	33,680	733	128,316
18	Greenville	178	2,666,169	1,714,737	108,233	524.273	1,082,231	951,432	129,544	2,025	474,109
19	Hampton	32	222,914	205,662	80,502	5,725	119,435	17,252	24,900	471	96,294
20	Horry	44	113,559	66,470	31,048	1,740	33,676	47,089	5,521	264	46,579
21	Kershaw	23	44,072	35,335	10,180	8,400	16,755	8,737	2,900	142	25,802
22	Lancaster	24	46,674	32,690	5,965	4,850	21,275	14,584	1,987	69	13,700
23	Laurens	35	103,485	80,505	15,735	18,525	46,245	22,980	5,125	111	24,373
24	Lexington	53	393,781	249,240	107,235	31,050	110,955	54,541	12,399	411	86,538
25	Marion	42	190,154	120,835	23,515	23,785	73,535	69,319	8,025	288	43,879
26	Marlboro	40	98,032	92,522	7,882	14,835	69,805	5,516	4,511	242	22,731
27	Newberry	38	601,212	402,435	13,945	131,260	257,290	198,777	40,431	359	83,521
28	Oconee	47	136,748	106,785	30,470	17,065	59,250	29,963	6,773	154	35,204
29	Orangeburg	28	311,382	200,669	53,035	22,419	125,215	110,713	16,203	338	79,180
30	Pickens	65	74,115	68,725	22,685	10,095	35,945	5,390	2,207	128	13,830
31	Richland	126	1,015,352	664,862	101,440	133,650	429,712	350,550	96,108	1,448	492,128
32	Spartanburg	138	4,089,187	2,741,379	134,179	812,000	1,795,200	1,347,808	168,218	3,093	662,277
33	Sumter	34	240,794	266,177	33,902	44,950	128,225	34,617	16,789	420	66,700
34	Union	22	62,746	53,346	8,463	14,443	35,440	4,406	2,171	70	16,748
35	Williamsburg	50	208,719	168,250	73,020	9,675	85,555	40,469	7,402	428	75,624
36	York	65	818,147	618,966	35,773	154,879	428,314	199,181	31,324	707	143,119

SOUTH DAKOTA.

BY SPECIFIED INDUSTRIES.

1	All industries	499	3,207,796	2,164,620	322,855	512,142	1,326,023	1,043,776	268,214	2,422	1,098,418
2	Agricultural implements	3	13,050	6,566	1,175	2,825	2,560	6,556	532	12	3,551
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	66	109,007	58,717	24,475	20,032	14,210	50,290	4,459	101	47,244
4	Boots and shoes, custom work and repairing.	5	8,735	6,800	2,000	4,600	800	1,935	528	6	4,669
5	Brick and tile	11	103,605	66,530	23,325	10,030	27,175	43,675	3,678	219	49,947
6	Brooms and brushes	4	3,590	685	20	150	515	2,905	1,037	8	2,954
7	Carpentering	12	17,845	9,445	3,525	2,310	3,610	8,400	1,248	49	25,790
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	12	70,210	42,900	20,950	13,560	8,450	27,310	2,796	41	25,033
9	Cheese, butter, and condensed milk, factory product.	16	33,993	26,705	3,355	11,460	11,890	7,288	1,552	60	14,609
10	Clothing, men's, custom work and repairing.	4	8,250	2,500	300	1,700	500	5,750	872	13	5,810
11	Flouring and grist mill products	62	1,128,554	794,855	80,330	223,625	490,900	333,699	63,283	325	167,060
12	Foundry and machine shop products	5	61,796	48,520	18,200	7,800	22,520	13,276	885	24	14,499
13	Furniture, cabinetmaking, repairing and upholstering.	3	4,675	3,825	1,500	1,200	1,125	850	335	8	4,295
14	Jewelry. (See also Watch, clock, and jewelry repairing.)	3	2,935	1,000	.....	.....	1,600	1,935	2,578	10	11,240
15	Lumber and other mill products from logs or bolts.	41	251,255	150,275	28,915	17,260	104,100	100,980	12,707	362	98,260
16	Lumber, planing mill products, including sash, doors, and blinds.	5	33,037	24,100	3,300	8,650	12,150	8,937	1,317	33	24,166

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

SOUTH CAROLINA—Continued.

BY COUNTIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1,731	$1,055,202	183	$61,042	15,901	$4,299,473	3,476	$668,438	2,264	$217,274	763	$216,964	299	$68,258	45	$4,332	$18,873,666	$31,926,681	1
26	7,433	.....	.....	161	20,222	8	672	14	725	7	1,780	1	120	.....	.....	123,622	188,369	2
49	17,685	.....	.....	750	155,118	368	59,047	283	21,192	18	2,020	1	144	.....	.....	1,060,537	1,618,020	3
58	37,074	.....	.....	689	129,158	381	68,323	320	24,990	4	695	.....	.....	.....	.....	1,205,448	1,743,080	4
11	3,730	.....	.....	136	23,698	.....	.....	3	200	9	1,200	.....	.....	.....	.....	55,804	110,379	5
21	21,381	1	72	255	64,712	3	250	1	104	.....	.....	10	150	8	150	331,312	639,151	6
33	26,559	.....	.....	581	172,895	.....	.....	.....	.....	1	454	.....	.....	.....	.....	975,143	1,506,643	7
692	548,011	163	54,786	3,919	1,639,448	737	139,547	91	13,866	261	120,984	195	48,120	4	370	5,930,208	10,997,612	8
23	7,095	.....	.....	208	43,266	73	11,064	49	4,284	.....	.....	.....	.....	.....	.....	170,452	273,924	9
9	4,162	.....	.....	276	54,388	1	200	1	100	5	224	.....	.....	.....	.....	82,620	189,679	10
7	3,901	.....	.....	254	59,187	.....	.....	.....	.....	11	605	.....	.....	.....	.....	116,095	240,225	11
22	14,004	.....	.....	215	49,016	.....	.....	1	104	2	300	.....	.....	.....	.....	275,668	463,642	12
19	8,474	.....	.....	198	43,930	85	18,172	69	3,490	.....	.....	.....	.....	.....	.....	338,215	469,262	13
38	11,875	.....	.....	220	42,452	1	192	.....	.....	1	400	.....	.....	.....	.....	136,286	256,725	14
15	4,948	.....	.....	95	13,243	.....	.....	.....	.....	2	150	.....	.....	.....	.....	64,280	101,456	15
30	8,078	.....	.....	531	129,599	.....	.....	6	375	21	1,899	.....	.....	.....	.....	266,449	470,374	16
11	6,284	.....	.....	580	89,577	.....	.....	1	100	139	32,230	2	125	.....	.....	386,639	721,366	17
98	47,172	7	1,739	1,051	275,024	461	95,116	347	43,348	29	7,570	20	3,000	12	1,200	1,755,204	2,581,517	18
6	2,938	.....	.....	417	85,676	.....	.....	.....	.....	47	7,560	1	120	.....	.....	132,385	344,017	19
2	720	.....	.....	244	44,517	.....	.....	2	120	16	1,222	.....	.....	.....	.....	197,047	342,548	20
4	1,292	.....	.....	127	23,440	.....	.....	1	120	10	950	.....	.....	.....	.....	44,581	109,025	21
7	3,442	.....	.....	61	9,958	1	300	.....	.....	.....	.....	.....	.....	.....	.....	28,154	55,415	22
18	6,669	.....	.....	90	17,487	.....	.....	.....	.....	3	217	.....	.....	.....	.....	95,215	148,798	23
33	10,388	.....	.....	324	65,886	36	8,728	15	1,212	2	300	1	24	.....	.....	157,089	332,683	24
18	5,427	.....	.....	240	36,462	7	587	17	933	6	470	.....	.....	.....	.....	106,609	203,150	25
12	1,874	.....	.....	209	18,957	.....	.....	3	45	18	1,855	.....	.....	.....	.....	58,570	109,598	26
20	11,590	.....	.....	221	49,196	46	10,630	37	3,833	1	300	28	6,860	6	1,112	315,250	467,458	27
44	16,703	.....	.....	101	17,212	.....	.....	3	389	6	990	.....	.....	.....	.....	124,304	196,535	28
17	10,487	.....	.....	236	52,048	50	9,500	33	7,020	2	125	.....	.....	.....	.....	244,946	367,574	29
30	5,376	.....	.....	97	8,394	1	60	.....	.....	.....	.....	.....	.....	.....	.....	80,391	114,781	30
108	55,411	7	2,197	1,186	403,390	49	8,666	27	2,112	68	20,237	3	115	.....	.....	957,021	1,706,117	31
150	102,759	5	2,248	1,113	262,602	955	200,460	790	74,834	28	8,394	37	9,480	15	1,500	2,088,217	3,292,911	32
23	11,022	.....	.....	286	45,010	51	6,353	32	2,417	28	1,898	.....	.....	.....	.....	191,613	335,019	33
11	3,065	.....	.....	59	7,683	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57,038	78,949	34
17	5,365	.....	.....	398	68,459	.....	.....	.....	.....	13	1,800	.....	.....	.....	.....	203,621	370,194	35
49	22,808	.....	.....	373	78,163	162	30,571	118	11,352	5	225	.....	.....	.....	.....	517,624	780,485	36

SOUTH DAKOTA.

BY SPECIFIED INDUSTRIES.

401	262,060	10	3,665	1,769	759,558	123	31,366	35	3,544	77	36,120	6	1,978	1	129	3,523,840	5,682,748	1
3	351	.....	.....	9	3,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,045	9,400	2
50	23,606	.....	.....	50	23,538	.....	.....	.....	.....	1	100	.....	.....	.....	.....	36,696	122,414	3
3	1,819	.....	.....	3	2,250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,873	9,225	4
14	5,534	.....	.....	205	44,413	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,623	134,650	5
3	1,407	.....	.....	5	1,547	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,742	10,565	6
8	3,641	.....	.....	39	21,149	.....	.....	.....	.....	2	1,000	.....	.....	.....	.....	53,770	96,695	7
8	6,780	.....	.....	32	18,103	1	150	.....	.....	.....	.....	.....	.....	.....	.....	29,084	69,952	8
5	1,487	.....	.....	52	13,008	1	29	1	45	1	40	.....	.....	.....	.....	76,157	100,884	9
1	180	.....	.....	6	1,950	.....	.....	.....	.....	6	3,680	.....	.....	.....	.....	10,610	20,522	10
73	49,914	1	720	248	115,976	3	390	.....	.....	.....	.....	.....	.....	.....	.....	2,308,721	2,793,701	11
1	1,500	.....	.....	23	12,999	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,705	30,636	12
1	295	.....	.....	6	3,500	1	500	.....	.....	.....	.....	.....	.....	.....	.....	2,632	9,775	13
3	3,900	.....	.....	7	7,340	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,370	27,397	14
11	6,675	.....	.....	338	89,345	3	440	.....	.....	10	1,800	.....	.....	.....	.....	180,757	375,709	15
4	4,160	.....	.....	29	20,006	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30,695	62,075	16

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

SOUTH DAKOTA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
17	Masonry, brick and stone. (See also Plastering and stuccowork.)	3	$15,160	$12,160	$10,025	$2,010	$125	$3,000	$382	29	$16,456
18	Mineral and soda waters	4	28,610	14,900	3,800	5,500	5,600	13,710	1,575	16	9,884
19	Monuments and tombstones. (See also Marble and stone work.)	3	6,949	2,400	675	1,400	325	4,549	1,005	16	9,248
20	Photography	4	6,415	3,050	----------	----------	3,950	2,465	1,119	8	3,840
21	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making; Printing and publishing, book and job.)	149	579,169	410,562	25,735	57,625	327,202	168,607	88,758	578	301,545
22	Saddlery and harness	27	61,756	16,595	6,135	7,620	2,840	45,161	6,104	59	26,215
23	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	11	40,691	28,805	6,895	18,810	3,100	11,886	1,481	17	8,957
24	Tobacco, cigars and cigarettes	12	27,600	2,160	200	1,000	960	25,440	7,673	59	23,865
25	All other industries (*a*)	34	590,915	435,131	58,020	93,635	283,476	155,784	62,310	375	199,941

a Embraces bookbinding and blank-book making, 1; bread and other bakery products, 1; cars and general shop construction and repairs by steam railroad companies, 2; clothing, women's, dressmaking, 1; cooperage, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 2; hand stamps, 1; kaolin and other earth grinding, 1; leather, tanned and curried, 1; liquors, malt, 1; looking-glass and picture frames, 1; marble and stone work, 1; oil, linseed, 1;

BY COUNTIES.

[No manufactures reported from the following counties: Boreman, Buffalo, Choteau, Delano, Dewey, Edmunds, Ewing, Gregory, Harding, Jackson, Lugenbeel, Lyman,

1	The State	499	3,207,796	2,164,020	322,855	512,142	1,329,023	1,043,776	268,214	2,422	1,038,418
2	Aurora	5	29,455	23,750	1,825	8,875	13,050	5,705	1,480	18	6,602
3	Beadle	15	128,794	76,317	6,950	22,875	46,492	52,477	7,948	180	87,463
4	Bonhomme	11	45,810	33,960	2,025	9,010	22,025	11,850	2,614	39	10,504
5	Brookings	9	12,735	8,510	475	2,950	5,085	4,225	1,260	10	4,387
6	Brown	13	187,974	108,160	6,000	38,700	63,460	79,814	20,632	86	48,542
7	Brule	6	31,880	26,630	3,350	5,780	17,500	5,250	1,829	23	8,050
8	Butte	4	22,299	15,204	1,525	3,704	9,975	7,095	1,335	13	5,606
9	Charles Mix	3	5,490	4,650	450	1,300	2,900	840	479	6	1,888
10	Clark	7	7,705	5,260	125	1,125	4,010	2,445	1,149	12	3,423
11	Clay	13	64,020	38,700	9,000	9,050	20,650	25,320	3,208	64	15,551
12	Codington	9	90,300	66,350	3,900	16,350	46,100	23,950	8,853	58	35,115
13	Custer	12	47,390	33,285	1,910	8,150	23,225	14,605	3,601	98	36,100
14	Davison	4	22,898	17,850	1,450	5,700	10,700	5,048	969	87	31,480
15	Day	9	47,270	24,050	1,550	5,350	17,150	23,220	2,771	40	10,194
16	Deuel	5	9,930	5,875	575	1,600	3,700	4,055	563	18	5,818
17	Fall River	7	6,203	5,246	935	386	3,925	957	769	14	3,604
18	Faulk	10	26,455	13,350	1,265	4,860	7,225	13,105	3,172	28	11,290
19	Grant	8	40,175	31,200	3,150	7,100	20,950	8,975	3,814	33	12,452
20	Hamlin	6	19,702	14,750	1,000	2,400	11,350	4,952	1,746	13	5,627
21	Hand	7	108,120	67,170	3,720	24,850	38,600	40,950	3,777	32	16,084
22	Hanson	5	32,013	26,850	2,000	4,400	20,450	5,163	1,673	17	6,186
23	Hughes	14	138,602	113,155	6,345	11,870	94,940	25,447	13,133	70	30,762
24	Hutchinson	11	71,025	52,590	11,165	11,175	30,250	18,435	3,338	46	16,184
25	Jerauld	4	2,422	1,132	20	37	1,075	1,290	550	7	2,069
26	Kingsbury	8	18,170	11,450	1,350	3,450	6,650	6,720	2,361	16	7,545
27	Lake	5	24,975	17,950	2,200	3,600	12,150	7,025	2,025	22	11,100
28	Lawrence	38	236,430	151,175	30,650	23,500	97,025	85,255	21,663	216	111,476
29	Lincoln	3	11,500	8,050	2,350	2,700	3,000	3,450	776	8	3,380
30	McCook	8	34,630	24,740	1,090	6,400	17,250	9,890	2,160	19	7,840
31	McPherson	4	9,465	8,000	650	1,650	5,700	1,465	337	12	4,141
32	Marshall	13	68,627	51,020	2,275	10,160	38,585	17,607	7,786	33	15,551
33	Meade	22	114,025	78,625	13,775	12,150	52,700	35,400	7,760	115	34,040
34	Miner	6	43,395	31,300	400	8,100	22,800	12,095	4,750	19	7,051
35	Minnehaha	53	655,702	486,691	110,750	97,025	272,916	175,011	78,395	398	220,602
36	Pennington	43	341,964	185,185	48,375	56,205	80,605	156,779	16,368	156	92,020
37	Potter	9	13,850	7,050	1,415	2,860	2,775	6,800	1,008	18	6,780
38	Sanborn	4	29,150	17,600	675	4,525	12,400	11,550	1,636	13	5,400
39	Spink	18	81,668	52,700	1,350	14,470	36,880	28,968	4,079	37	14,091
40	Stanley	3	1,475	1,150	150	250	750	325	322	5	1,500
41	Sully	3	4,025	3,300	100	500	2,700	725	840	6	2,490
42	Turner	9	49,782	37,650	3,400	4,950	29,300	12,132	2,564	22	9,695
43	Union	4	12,665	9,915	566	3,250	6,100	2,750	1,359	20	4,262
44	Yankton	40	228,480	149,075	29,475	45,450	74,150	79,405	17,403	253	114,142
45	All other counties (*a*)	9	28,651	23,400	1,150	3,350	18,900	5,251	2,859	22	9,720

a Includes establishments distributed as follows: Campbell, 1; Douglas, 2; Hyde, 2; Moody, 2; Roberts, 2.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

SOUTH DAKOTA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecoworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2	$1,397	.....	.....	27	$15,059	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$21,568	$43,175	17
3	2,704	.....	.....	13	7,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,956	33,700	18
7	3,700	.....	.....	9	5,548	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,200	23,948	19
3	1,820	2	$900	3	1,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,810	11,700	20
132	90,940	5	1,460	300	164,803	60	$15,862	33	$3,479	43	$23,073	5	$1,928	.....	.....	124,528	627,828	21
19	10,910	.....	.....	34	15,305	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40,046	90,210	22
1	180	.....	.....	16	8,777	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,619	28,846	23
12	6,129	.....	.....	31	11,548	1	82	.....	.....	13	5,927	1	50	1	$129	23,570	66,458	24
34	33,031	2	585	284	151,892	53	13,913	1	20	1	500	.....	.....	.....	.....	502,063	883,283	25

painting and paper hanging, 2; plastering and stuccowork, 1; plumbing and gas fitting, 1; printing and publishing, book and job, 3; roofing and roofing materials, 1; slaughtering and meat packing, wholesale, 2; sugar and molasses, refining, 1; tools, not elsewhere specified, 2; upholstery materials, 1; watch, clock, and jewelry repairing, 2; woolen goods, 2.

BY COUNTIES.

Martin, Meyer, Nowlin, Pratt, Presho, Pyatt, Rinehart, Schnasse, Scobey, Shannon, Sterling, Todd, Tripp, Wagner, Walworth, Washabaugh, Washington, Ziebach.]

401	262,060	10	3,665	1,769	759,556	123	31,366	35	3,544	77	36,120	6	1,978	1	129	3,523,840	6,682,748	1
4	2,032	.....	.....	13	4,510	1	60	.....	.....	.....	.....	.....	.....	.....	.....	29,160	42,450	2
21	17,244	1	250	139	64,225	8	2,685	3	312	6	2,179	2	568	.....	.....	139,638	249,004	3
14	5,245	.....	.....	18	4,478	5	656	.....	.....	1	75	1	50	.....	.....	64,675	85,761	4
3	1,413	.....	.....	7	2,974	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,672	13,600	5
17	19,656	2	886	60	21,523	4	952	5	325	8	5,209	.....	.....	.....	.....	299,501	406,164	6
6	3,364	.....	.....	16	4,582	1	104	.....	.....	.....	.....	.....	.....	.....	.....	36,600	50,800	7
5	2,241	.....	.....	7	3,300	1	65	.....	.....	.....	.....	.....	.....	.....	.....	12,166	19,525	8
2	988	.....	.....	1	400	1	260	1	200	1	40	.....	.....	.....	.....	1,140	4,065	9
3	1,026	.....	.....	8	2,142	1	260	.....	.....	.....	.....	.....	.....	.....	.....	4,123	10,770	10
7	2,325	.....	.....	54	12,326	.....	.....	.....	.....	3	900	.....	.....	.....	.....	32,105	60,630	11
5	5,500	.....	.....	46	27,715	6	1,600	.....	.....	1	300	.....	.....	.....	.....	331,586	394,495	12
6	3,617	.....	.....	83	31,100	2	483	.....	.....	7	900	.....	.....	.....	.....	59,570	122,547	13
3	1,900	.....	.....	81	28,840	2	700	.....	.....	1	40	.....	.....	.....	.....	15,915	90,710	14
7	3,369	.....	.....	28	5,505	1	520	.....	.....	4	800	.....	.....	.....	.....	164,565	207,382	15
4	1,790	.....	.....	14	4,028	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,715	26,025	16
3	1,534	.....	.....	10	2,030	1	40	.....	.....	.....	.....	.....	.....	.....	.....	2,450	8,320	17
6	3,898	.....	.....	18	6,552	.....	.....	.....	.....	4	840	.....	.....	.....	.....	14,499	38,755	18
3	1,227	.....	.....	28	11,151	1	20	1	45	.....	.....	.....	.....	.....	.....	125,924	161,383	19
4	2,188	.....	.....	8	3,194	.....	.....	.....	.....	1	245	.....	.....	.....	.....	25,482	37,502	20
10	7,160	.....	.....	22	8,924	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	167,712	217,565	21
4	2,368	.....	.....	13	3,818	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30,078	44,765	22
13	7,840	.....	.....	41	19,494	10	1,686	3	390	3	1,352	.....	.....	.....	.....	27,507	85,886	23
9	4,589	.....	.....	36	11,575	.....	.....	1	20	.....	.....	.....	.....	.....	.....	65,453	95,177	24
3	1,219	.....	.....	3	750	.....	.....	.....	.....	1	100	.....	.....	.....	.....	1,542	5,390	25
6	3,867	.....	.....	9	3,608	1	70	.....	.....	.....	.....	.....	.....	.....	.....	5,054	18,022	26
4	2,541	.....	.....	17	8,461	1	104	.....	.....	.....	.....	.....	.....	.....	.....	74,768	100,175	27
21	18,978	1	312	180	88,401	7	1,660	4	716	3	1,409	.....	.....	.....	.....	162,406	341,584	28
3	1,456	.....	.....	4	1,560	.....	.....	.....	.....	1	364	.....	.....	.....	.....	1,452	7,542	29
8	3,173	.....	.....	10	4,407	1	260	.....	.....	.....	.....	.....	.....	.....	.....	55,471	74,499	30
6	2,344	.....	.....	4	1,670	1	75	1	32	.....	.....	.....	.....	.....	.....	30,448	39,665	31
7	3,278	.....	.....	25	12,067	1	206	.....	.....	.....	.....	.....	.....	.....	.....	197,259	257,958	32
3	2,520	.....	.....	110	31,220	1	200	1	100	.....	.....	.....	.....	.....	.....	77,518	148,509	33
9	4,719	.....	.....	9	2,836	.....	.....	.....	.....	1	96	.....	.....	.....	.....	84,401	111,068	34
59	49,008	4	1,784	280	146,138	39	11,512	.....	.....	15	11,409	1	760	.....	.....	439,848	882,040	35
30	20,258	.....	.....	120	68,598	1	364	1	200	4	2,600	.....	.....	.....	.....	265,020	447,752	36
10	4,150	.....	.....	8	2,630	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,351	16,910	37
2	1,040	.....	.....	11	4,360	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49,926	58,168	38
16	6,659	.....	.....	19	6,082	1	150	1	300	.....	.....	.....	.....	.....	.....	87,254	120,149	39
4	1,300	.....	.....	1	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	459	2,750	40
3	1,490	.....	.....	2	550	1	450	.....	.....	.....	.....	.....	.....	.....	.....	1,086	5,375	41
6	3,846	1	108	14	5,715	.....	.....	1	26	.....	.....	.....	.....	.....	.....	47,679	74,810	42
1	312	.....	.....	17	3,550	.....	.....	.....	.....	2	400	.....	.....	.....	.....	29,267	41,749	43
34	23,640	1	325	171	75,570	22	6,140	12	858	10	6,880	2	600	1	129	193,725	393,637	44
7	3,748	.....	.....	14	5,897	1	75	.....	.....	.....	.....	.....	.....	.....	.....	40,670	61,715	45

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY TENNESSEE.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	4,559	$51,475,092	$29,895,690	$6,441,558	$7,263,689	$16,190,443	$21,579,402	$4,126,271	42,759	$16,899,351
2	Agricultural implements	12	383,189	192,775	61,350	84,400	47,025	190,414	20,740	258	121,866
3	Baking and yeast powders	4	54,050	7,225	.....	.....	7,225	46,825	5,610	37	24,062
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	583	394,930	196,994	57,368	61,652	77,974	197,936	26,460	919	344,226
5	Boots and shoes, custom work and repairing.	172	74,048	33,035	5,100	5,410	22,525	41,013	17,257	303	121,012
6	Boxes, fancy and paper	3	20,300	7,500	.....	.....	7,500	12,800	2,420	74	15,042
7	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	3	112,740	59,000	17,200	17,300	24,500	53,740	7,680	220	57,350
8	Bread and other bakery products	50	407,939	228,910	74,920	76,100	77,890	179,029	53,392	427	208,471
9	Brick and tile. (See also Clay and pottery products.)	78	1,046,216	641,545	218,197	97,358	325,990	404,671	55,756	2,090	656,806
10	Brooms and brushes	17	31,451	13,295	4,700	2,925	5,670	18,156	4,350	91	35,867
11	Carpentering	120	420,669	72,890	14,245	17,800	40,845	347,779	299,905	1,108	616,717
12	Carriage and wagon materials	4	91,700	25,500	5,150	5,850	14,500	66,200	4,525	96	51,566
13	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	95	628,808	271,317	109,547	92,805	68,965	357,491	35,102	694	345,408
14	Cars and general shop construction and repairs by steam railroad companies.	10	1,198,940	890,043	211,500	473,621	204,922	308,897	.....	1,787	1,011,959
15	Cheese, butter, and condensed milk, factory product.	4	19,405	17,280	4,575	4,605	8,100	2,125	585	11	2,249
16	Chemicals. (See also Fertilizers; Gunpowder; High explosives; Paints.)	3	42,950	17,950	5,500	3,500	8,950	25,000	2,400	16	6,958
17	Clay and pottery products. (See also Brick and tile.)	10	45,884	29,523	5,180	8,840	15,503	16,361	1,582	74	20,400
18	Clothing, men's, custom work and repairing.	77	295,174	36,064	13,900	7,740	14,424	259,110	40,683	510	276,780
19	Clothing, men's, factory product	5	238,917	14,000	.....	.....	14,000	224,917	17,224	290	94,012
20	Clothing, women's, dressmaking	124	105,939	48,535	17,250	19,205	12,080	57,404	17,201	543	150,363
21	Coffee and spice, roasting and grinding.	3	53,075	7,000	.....	.....	7,000	46,075	9,880	25	15,743
22	Coffins and burial cases, trimming and finishing.	35	62,659	17,908	3,683	8,820	5,405	44,751	4,006	63	23,799
23	Coke	8	541,350	493,250	6,800	6,500	480,050	48,000	41,862	256	93,385
24	Confectionery	16	193,067	113,095	58,000	35,500	19,595	79,972	23,731	205	68,474
25	Cooperage	25	186,490	89,102	12,025	13,140	63,937	97,397	24,496	246	101,931
26	Cotton, ginning	38	87,970	82,645	14,710	20,005	47,930	5,325	10,551	221	29,519
27	Cotton goods	20	2,928,657	2,221,703	163,197	655,966	1,402,540	706,954	173,853	2,174	495,438
28	Dentistry, mechanical	39	50,897	39,765	12,850	5,490	21,425	11,132	8,954	46	29,051
29	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	9	29,790	14,900	5,000	3,500	6,400	14,890	5,649	25	8,988
30	Dyeing and cleaning	14	25,147	18,805	6,000	1,500	11,305	6,342	5,883	67	32,638
31	Fertilizers. (See also Chemicals.)	4	380,191	134,764	33,000	78,511	23,253	245,427	44,320	78	29,100
32	Flouring and grist mill products	918	4,964,437	3,661,355	770,507	1,071,080	1,819,768	1,303,082	184,936	2,050	643,012
33	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	68	4,348,579	2,110,740	720,075	550,472	831,193	2,237,839	228,927	2,810	1,414,049
34	Fruits and vegetables, canning and preserving (See also Pickles, preserves, and sauces.)	4	16,910	7,900	200	600	7,100	9,010	1,332	115	4,540
35	Furnishing goods, men's. (See also Shirts.)	6	25,603	12,013	1	14	11,998	13,590	7,683	171	36,283
36	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	31	44,855	25,450	16,270	6,475	8,705	19,405	4,036	62	30,389
37	Furniture, chairs	4	9,980	8,485	595	1,790	6,100	1,495	423	32	2,701
38	Furniture, factory product	21	1,161,258	518,285	136,750	199,860	181,675	642,973	64,313	1,077	466,343
39	Gas, illuminating and heating	8	2,217,081	2,003,100	153,700	276,500	1,572,900	213,981	89,768	132	88,130
40	Hairwork	3	1,535	50	.....	.....	50	1,485	2,020	3	2,096
41	Ice, artificial	13	825,812	771,650	134,900	98,550	538,200	54,162	42,524	207	88,187
42	Iron and steel	15	4,613,355	3,153,030	272,500	630,567	2,249,963	1,460,325	276,969	1,557	775,521
43	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	5	79,335	29,435	10,000	2,000	17,435	49,900	4,750	74	44,761
44	Leather, tanned and curried	60	732,230	292,564	71,225	143,275	78,064	439,666	31,785	658	215,032
45	Lime and cement	11	116,500	100,500	38,850	46,475	15,175	16,000	2,700	148	60,055
46	Liquors, distilled	32	564,112	198,610	19,015	40,750	48,845	455,502	235,159	137	47,139

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

TENNESSEE.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
5,026	$3,240,354	246	$101,317	30,549	$11,827,698	2,631	$538,573	1,333	$150,355	2,095	$875,364	642	$140,495	237	$24,695	$40,463,782	$72,355,286	1
22	19,556	1	400	183	86,710	.....	.....	6	720	46	14,480	.....	.....	.....	.....	118,625	328,856	2
15	14,880	.....	.....	17	7,722	5	1,460	.....	.....	.....	.....	.....	.....	.....	.....	57,540	128,450	3
478	191,057	.....	.....	417	148,011	.....	.....	4	447	20	4,711	.....	.....	.....	.....	181,165	679,915	4
147	63,927	.....	.....	77	31,214	.....	.....	1	100	78	25,771	.....	.....	.....	.....	83,014	259,510	5
5	3,300	.....	.....	12	4,370	27	3,372	.....	.....	.....	.....	30	4,000	.....	.....	20,500	51,000	6
11	10,100	.....	.....	94	31,500	.....	.....	60	5,350	20	6,000	12	2,400	23	2,000	177,100	285,400	7
102	63,510	16	5,936	269	131,075	25	4,540	3	260	6	1,500	6	1,650	.....	.....	716,382	1,277,641	8
78	50,356	.....	.....	1,788	578,600	8	1,483	172	13,334	37	3,962	.....	.....	7	71	188,797	1,244,367	9
15	7,015	1	416	52	22,352	.....	.....	.....	.....	22	5,928	.....	.....	1	156	48,164	105,022	10
123	93,905	.....	.....	960	513,176	.....	.....	7	1,460	18	8,176	.....	.....	.....	.....	990,703	2,152,742	11
12	9,522	.....	.....	66	29,024	.....	.....	.....	.....	18	13,020	.....	.....	.....	.....	71,000	155,900	12
110	71,177	.....	.....	568	268,957	.....	.....	6	974	10	4,300	.....	.....	.....	.....	435,906	1,021,386	13
15	16,672	.....	.....	1,772	995,287	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	593,819	1,605,778	14
.....	.....	.....	.....	7	2,174	2	26	1	13	1	36	.....	.....	.....	.....	15,176	18,605	15
1	390	.....	.....	10	5,756	3	500	.....	.....	2	312	.....	.....	.....	.....	20,310	47,200	16
7	4,476	.....	.....	48	11,624	.....	.....	15	1,700	4	2,600	.....	.....	.....	.....	7,085	33,930	17
73	53,015	1	364	131	70,560	29	9,482	2	273	244	132,871	30	10,215	.....	.....	302,580	732,979	18
20	25,043	1	300	26	15,009	97	28,145	.....	.....	3	300	143	25,215	.....	.....	303,300	488,712	19
3	750	121	46,504	.....	.....	412	101,931	1	78	3	600	2	200	1	300	203,650	446,204	20
5	4,180	.....	.....	20	11,563	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57,650	87,359	21
30	13,988	1	300	25	8,274	2	312	.....	.....	4	825	1	100	.....	.....	26,492	66,042	22
.....	.....	.....	.....	163	57,420	.....	.....	7	1,011	82	34,354	.....	.....	4	600	532,493	726,004	23
33	20,160	2	600	128	42,018	22	2,986	.....	.....	5	550	15	2,160	.....	.....	291,351	505,599	24
15	14,966	.....	.....	201	74,073	.....	.....	.....	.....	30	12,892	.....	.....	.....	.....	324,365	589,548	25
17	4,990	.....	.....	201	24,464	.....	.....	2	40	.....	.....	.....	.....	1	25	39,134	106,636	26
47	49,185	3	1,680	605	187,062	771	121,377	354	38,997	65	16,210	226	63,101	103	17,826	1,765,162	2,507,719	27
41	27,375	.....	.....	4	1,550	.....	.....	1	120	.....	.....	.....	.....	.....	.....	14,296	71,530	28
12	6,158	.....	.....	9	2,255	4	575	.....	.....	.....	.....	.....	.....	.....	.....	22,831	48,250	29
14	10,064	2	650	29	17,620	10	3,804	.....	.....	1	200	2	300	.....	.....	15,856	59,817	30
7	7,500	1	600	56	16,000	14	5,000	.....	.....	.....	.....	.....	.....	.....	.....	151,100	267,900	31
626	237,194	7	2,860	1,385	394,753	.....	.....	3	235	28	7,945	1	25	.....	.....	10,592,752	12,474,284	32
187	206,127	3	1,770	2,350	1,083,705	.....	.....	39	7,702	231	114,745	.....	.....	.....	.....	1,914,408	4,427,187	33
4	1,257	.....	.....	26	1,850	35	695	15	98	.....	.....	20	460	15	180	19,307	29,030	34
5	4,055	.....	.....	82	16,128	55	9,700	.....	.....	.....	.....	29	6,400	.....	.....	18,256	91,150	35
32	16,057	.....	.....	28	14,082	.....	.....	.....	.....	2	250	.....	.....	.....	.....	22,134	68,607	36
2	920	.....	.....	13	1,244	10	437	7	100	.....	.....	.....	.....	.....	.....	2,743	7,445	37
66	65,784	1	500	840	356,946	23	6,781	65	10,188	82	26,144	.....	.....	.....	.....	486,077	1,198,986	38
26	31,554	.....	.....	106	56,576	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	124,442	532,462	39
2	1,616	.....	.....	.....	.....	1	480	.....	.....	.....	.....	.....	.....	.....	.....	1,695	8,100	40
17	15,350	.....	.....	190	72,837	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64,283	382,400	41
84	118,086	1	360	1,465	655,625	.....	.....	7	1,450	.....	.....	.....	.....	.....	.....	2,943,671	4,247,868	42
8	6,420	.....	.....	66	38,341	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45,435	120,775	43
46	28,563	.....	.....	608	186,114	.....	.....	.....	.....	3	250	.....	.....	1	75	755,767	1,266,556	44
10	5,544	.....	.....	126	41,311	.....	.....	1	100	11	3,100	.....	.....	.....	.....	34,303	117,730	45
14	7,796	.....	.....	117	37,438	1	50	.....	.....	5	1,855	.....	.....	.....	.....	156,969	621,693	46

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

TENNESSEE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
47	Liquors, malt. (See also Bottling.)	4	$882,434	$689,116	$136,000	$363,616	$189,500	$193,318	$106,659	171	$123,570
48	Lock and gun smithing	9	3,885	2,480	10	20	2,450	1,405	1,345	13	5,798
49	Looking-glass and picture frames	6	42,125	2,200			2,200	39,925	4,783	35	20,768
50	Lumber and other mill products from logs or bolts.	787	7,186,127	3,583,672	1,185,246	525,801	1,872,625	3,602,455	340,635	8,148	2,194,615
51	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	73	2,283,737	1,161,890	533,556	207,069	421,265	1,121,847	104,017	1,636	893,061
52	Marble and stone work. (See also Monuments and tombstones.)	24	547,070	299,015	110,514	60,751	127,750	248,055	44,214	572	270,097
53	Masonry, brick and stone. (See also Plastering and stuccowork.)	27	230,936	38,136	500	700	36,936	192,800	123,821	660	333,240
54	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	15	54,786	12,112	2,085	4,722	5,305	42,674	6,489	104	38,338
55	Millinery, cnetom work	39	106,690	24,275	7,300	12,700	4,275	82,415	15,087	182	67,533
56	Mineral and soda waters. (See also Bottling.)	8	79,465	46,900	550	500	45,850	32,565	8,313	92	40,284
57	Monuments and tombstones. (See also Marble and stone work.)	25	67,090	12,585	5,825	3,275	3,485	54,505	8,240	127	64,594
58	Oil, cottonseed and cake	15	1,833,204	1,279,175	178,510	273,279	827,386	554,029	220,051	1,084	236,978
59	Painting and paper hanging	97	67,594	18,781	4,800	2,440	11,541	48,813	8,530	264	172,566
60	Paints. (See also Chemicals.)	3	60,583	52,903	6,000	15,000	31,903	7,680	10,525	36	16,928
61	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	14	387,200	65,562	34,800	11,300	19,462	321,638	66,689	224	114,663
62	Paving and paving materials	5	55,855	27,755	11,555	4,000	12,200	28,100	2,924	182	53,408
63	Photography	29	83,855	56,350	9,000	12,500	34,850	27,505	20,546	107	71,974
64	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	3	23,375	15,275	10,300	3,450	1,525	8,100	1,234	37	3,691
65	Plastering and stuccowork. (See also Masonry, brick and stone.)	9	19,790	7,545	5,200	1,650	695	12,245	3,445	91	42,777
66	Plumbing and gas fitting	18	366,218	97,600	39,000	34,000	24,600	268,618	24,904	345	196,594
67	Printing and publishing, book and job. (See also Bookbiuding and blank-book making.)	31	696,735	438,265	53,500	69,500	315,265	258,470	41,961	567	345,156
68	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	178	1,708,359	1,170,294	205,788	259,825	704,681	538,065	291,840	1,357	827,531
69	Pumps, not including steam pumps	4	49,220	13,901	200	890	12,811	35,319	7,235	64	35,972
70	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	32	158,065	55,570	11,150	19,700	24,720	102,495	10,612	190	106,952
71	Saddlery and harness	67	650,861	74,150	20,038	14,895	39,217	576,711	93,939	609	328,615
72	Shirts. (See also Furnishing goods, men's.)	4	9,850	2,700			2,700	7,150	2,266	85	21,348
73	Slaughtering and meat packing, wholesale. (See also Sausage.)	3	54,500	26,000	8,750	10,250	7,000	28,500	1,782	84	17,820
74	Soap and candles	3	152,600	78,600	19,935	22,665	36,000	74,000	9,280	61	26,966
75	Sugar and molasses, refining	3	164,655	106,155	50,025	25,030	31,100	58,500	11,725	32	21,517
76	Timber products, not manufactured at mill.	33	72,900	45,194	27,694		17,500	27,706	13,741	277	45,325
77	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	54	225,862	83,074	24,535	16,055	41,584	142,788	25,234	350	189,337
78	Tobacco, chewing, smoking, and snuff	24	358,932	101,900	28,165	47,185	26,550	257,032	152,849	567	97,424
79	Tobacco, cigars and cigarettes	25	90,953	10,595	2,900	3,600	4,095	80,358	33,283	163	90,206
80	Tobacco, stemming and rehandling	5	8,225	2,600	235	1,975	390	5,625	1,238	35	3,849
81	Trunks and valises	6	40,750	8,450	1,500	2,500	4,450	32,300	6,375	89	31,730
82	Watch, clock, and jewelry repairing. (See also Jewelry.)	40	61,070	32,500	5,000	2,500	25,000	28,570	14,082	98	73,366
83	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	5	24,210	5,185		100	5,085	19,025	5,609	46	18,639
84	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	4	131,450	67,300	21,000	14,000	32,300	64,150	11,553	96	60,657
85	Woolen goods	49	1,393,679	672,013	70,545	180,210	421,258	721,666	56,263	998	239,657
86	All other industries (a)	55	1,166,064	568,332	121,312	158,685	288,335	597,732	79,671	804	358,389

a Embraces artificial limbs, 1; awnings, tents, and sails, 2; baskets and rattan and willow ware, 1; bookbinding and blank-book making, 2; boot and shoe uppers, 2; boots and shoes, factory product, 2; bottling, 2; brass castings and brass finishing, 1; bridges, 1; cars, steam railroad, not including operations of railroad companies, 2; coffins, burial cases, and undertakers' goods, 2; cordage and twine, 1; corsets, 1; cotton, cleaning and rehandling, 2; cotton, compressing, 1; dye stuffs and extracts, 1; electrical apparatus and supplies, 1; electroplating, 2; glass, cutting, staining, and ornamenting, 1; gunpowder, 1; hand stamps, 1; high

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

TENNESSEE—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
24	$48,282	.....	.....	141	$73,788	.....	.....	6	$1,500	.....	.....	.....	.....	.....	.....	$213,393	$618,970	47
9	4,382	.....	.....	3	1,234	.....	.....	1	182	.....	.....	.....	.....	.....	.....	2,082	12,630	48
12	7,540	.....	.....	23	13,228	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39,200	74,625	49
989	377,163	1	$600	6,764	1,732,339	18	$1,816	110	12,629	251	$67,991	3	$340	12	$1,738	5,019,282	8,941,995	50
138	133,973	.....	.....	1,443	742,664	.....	.....	41	6,974	13	9,150	1	300	.....	.....	1,926,674	3,450,243	51
34	31,185	1	285	523	235,956	.....	.....	1	39	13	2,632	.....	.....	.....	.....	292,278	757,819	52
35	34,959	.....	.....	553	290,061	.....	.....	2	220	10	8,000	.....	.....	.....	.....	473,060	1,038,048	53
13	8,420	1	780	54	20,150	6	1,598	.....	.....	20	5,674	10	1,716	.....	.....	135,261	236,740	54
8	5,520	41	19,701	3	860	128	41,325	2	127	.....	.....	.....	.....	.....	.....	150,475	282,084	55
14	9,820	.....	.....	78	30,464	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36,552	118,700	56
28	17,988	.....	.....	98	46,286	.....	.....	.....	.....	1	320	.....	.....	.....	.....	78,550	197,185	57
53	52,534	1	1,000	1,023	182,934	7	510	.....	.....	.....	.....	.....	.....	.....	.....	1,748,953	2,504,741	58
44	35,145	.....	.....	210	132,901	.....	.....	2	220	8	4,300	.....	.....	.....	.....	102,863	329,318	59
4	5,250	.....	.....	32	11,678	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28,633	71,183	60
51	49,086	6	1,915	119	55,258	30	5,039	10	1,365	.....	.....	8	2,000	.....	.....	182,185	523,662	61
5	4,543	.....	.....	177	48,865	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79,450	185,500	62
35	30,732	2	664	54	34,963	12	3,505	3	610	1	1,500	.....	.....	.....	.....	41,488	172,110	63
2	695	.....	.....	12	1,596	23	1,400	.....	.....	.....	.....	.....	.....	.....	.....	13,862	23,513	64
7	5,600	.....	.....	82	35,927	.....	.....	.....	.....	2	1,250	.....	.....	.....	.....	27,633	82,056	65
52	48,249	.....	.....	238	127,843	38	16,440	17	4,062	.....	.....	.....	.....	.....	.....	349,628	643,950	66
66	66,811	2	732	393	252,820	83	20,651	21	3,542	2	600	.....	.....	.....	.....	275,091	854,891	67
231	198,381	25	11,810	752	398,164	87	29,672	54	6,072	190	173,556	18	9,876	.....	.....	368,500	1,832,228	68
5	6,063	.....	.....	59	30,909	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85,353	152,318	69
29	21,341	.....	.....	157	84,071	.....	.....	2	340	2	600	.....	.....	.....	.....	212,205	405,442	70
139	106,398	.....	.....	363	185,480	2	250	9	1,126	96	35,361	.....	.....	.....	.....	798,206	1,525,086	71
4	2,420	.....	.....	17	3,828	56	13,600	.....	.....	8	1,500	.....	.....	.....	.....	18,052	46,430	72
8	6,120	.....	.....	24	11,100	.....	.....	.....	.....	2	600	.....	.....	.....	.....	124,090	150,742	73
7	5,800	.....	.....	39	18,096	14	2,920	1	150	.....	.....	.....	.....	.....	.....	135,100	229,000	74
4	5,100	.....	.....	28	16,417	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	212,540	264,540	75
11	2,170	.....	.....	120	18,470	.....	.....	.....	.....	146	24,685	.....	.....	.....	.....	26,624	131,691	76
76	55,577	2	500	250	130,110	.....	.....	16	2,050	6	1,100	.....	.....	.....	.....	266,374	595,258	77
36	19,658	.....	.....	157	34,727	115	14,918	79	4,908	88	20,518	32	1,561	60	1,134	212,268	577,690	78
24	17,643	.....	.....	44	23,043	3	544	7	1,288	75	44,652	9	2,936	1	100	84,442	236,807	79
5	417	.....	.....	23	3,172	6	230	1	30	.....	.....	.....	.....	.....	.....	31,337	39,032	80
12	8,360	.....	.....	47	18,614	.....	.....	4	494	26	4,262	.....	.....	.....	.....	39,740	85,000	81
37	25,764	.....	.....	55	45,252	2	300	1	150	3	1,900	.....	.....	.....	.....	24,579	138,370	82
8	4,072	.....	.....	35	13,942	.....	.....	3	625	.....	.....	.....	.....	.....	.....	15,500	43,123	83
8	19,300	.....	.....	59	31,420	.....	.....	5	937	24	9,000	.....	.....	.....	.....	59,030	247,540	84
69	48,530	2	90	356	98,887	415	76,074	116	12,601	3	185	29	2,800	8	490	760,036	1,216,419	85
103	98,324	.....	.....	601	237,175	21	4,645	40	3,364	24	12,141	15	2,740	.....	.....	815,485	1,625,183	86

explosives, 2; instruments, professional and scientific, 2; jewelry, 2; kaolin and other earth grinding, 1; mantels, slats, marble, and marbleized, 1; musical instruments and materials, not specified, 1; pipes, tobacco, 1; sausage, 1; saws, 2; scales and balances, 2,; shipbuilding, 1; show cases, 1; sporting goods, 1; stencils and brands, 2; surgical appliances, 1; umbrellas and canes, 1; vinegar and cider, 2; woodenwares, not elsewhere specified, 1.

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

TENNESSEE—Continued.

BY COUNTIES.

	COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	The State	4,559	$51,475,092	$29,895,690	$6,441,558	$7,263,689	$16,190,443	$21,579,402	$4,126,271	42,759	$16,899,351
2	Anderson	31	67,071	48,936	13,785	8,081	27,070	18,135	1,935	86	17,717
3	Bedford	54	300,042	254,713	29,185	69,175	156,353	45,329	20,659	301	68,522
4	Benton	13	41,614	21,380	2,755	2,725	15,900	20,234	3,962	95	19,472
5	Bledsoe	16	20,333	17,415	1,740	5,885	9,790	2,918	1,298	32	7,062
6	Blount	69	327,360	254,614	50,605	60,990	143,619	72,746	21,438	369	67,557
7	Bradley	67	368,467	187,717	27,962	44,340	115,415	180,750	16,372	395	112,016
8	Campbell	27	199,717	111,251	23,400	19,865	67,986	88,466	10,728	160	44,366
9	Cannon	21	40,613	32,523	15,317	3,555	13,651	8,090	2,013	47	8,170
10	Carroll	45	144,754	75,695	5,177	13,500	57,018	69,059	6,656	222	42,985
11	Carter	31	148,790	114,620	38,025	24,815	51,780	34,170	4,041	108	23,426
12	Cheatham	14	190,335	108,515	28,070	50,890	29,555	81,820	14,667	58	26,046
13	Chester	13	14,156	10,635	1,635	1,775	7,225	3,521	695	25	4,073
14	Claiborne	37	63,794	56,663	14,263	8,525	33,875	7,131	1,089	83	18,935
15	Clay	14	17,244	11,694	1,910	1,745	8,039	5,550	757	39	7,843
16	Cocke	34	57,801	30,180	4,300	6,045	19,835	27,621	1,481	69	12,455
17	Coffee	57	291,843	152,990	24,280	38,275	90,435	138,853	56,199	295	82,036
18	Crockett	8	38,078	23,958	565	5,043	18,350	14,120	1,584	27	6,159
19	Cumberland	8	11,975	9,520	1,620	1,650	6,250	2,455	667	19	3,014
20	Davidson	450	10,644,720	5,933,771	938,824	1,681,850	3,313,097	4,710,949	749,428	8,415	3,823,841
21	Decatur	9	18,110	12,195	1,095	1,550	9,550	5,915	1,107	32	6,487
22	Dekalb	31	60,175	47,340	5,580	12,900	28,860	12,835	2,375	64	14,636
23	Dickson	31	82,132	59,667	11,732	7,605	40,330	22,465	2,895	135	26,308
24	Dyer	51	510,798	331,684	100,034	50,635	175,015	179,114	42,781	578	174,608
25	Fayette	20	34,996	28,005	1,535	5,670	20,800	6,991	1,970	49	7,546
26	Fentress	5	9,455	7,675	475	1,700	5,500	1,780	260	12	1,295
27	Franklin	48	311,896	167,125	14,730	35,890	116,505	144,771	51,801	302	80,324
28	Gibson	66	363,412	240,400	25,585	52,370	171,445	114,012	22,933	444	104,421
29	Giles	100	340,327	190,770	22,490	54,375	113,905	149,557	15,913	345	84,833
30	Grainger	32	55,076	35,110	8,965	5,595	20,550	19,966	1,710	79	16,708
31	Greene	46	94,536	78,960	8,780	18,275	51,905	15,576	3,012	121	23,842
32	Grundy	13	197,122	188,142	9,002	72,125	177,015	8,980	33,549	67	14,854
33	Hamblen	30	256,916	125,192	27,067	32,830	65,295	131,724	20,801	188	58,552
34	Hamilton	336	8,133,499	4,223,061	1,483,326	955,276	1,784,459	3,910,438	972,434	6,368	2,965,729
35	Hancock	27	27,324	20,990	4,040	3,725	13,225	6,334	547	46	8,222
36	Hardeman	22	58,753	29,240	5,185	8,425	15,630	29,513	3,453	67	29,307
37	Hardin	33	63,376	40,880	6,180	9,630	25,070	22,496	3,150	114	20,952
38	Hawkins	45	130,605	76,165	7,651	27,915	40,599	54,440	6,342	139	33,944
39	Haywood	13	65,010	47,875	2,025	7,600	38,250	17,135	1,678	36	8,938
40	Henderson	25	67,056	38,920	3,745	4,850	30,325	28,136	2,561	114	28,332
41	Henry	31	125,193	79,456	12,096	20,350	47,010	45,737	14,061	153	31,263
42	Hickman	19	705,840	343,915	17,960	74,365	251,590	361,925	28,240	302	116,022
43	Houston	8	142,625	107,225	23,700	58,725	24,800	35,400	1,866	193	70,327
44	Humphreys	20	105,487	62,460	15,770	10,810	35,880	43,027	3,999	142	29,160
45	Jackson	18	21,341	18,856	1,426	2,655	14,775	2,485	762	36	5,875
46	James	6	7,441	6,410	1,560	975	3,875	1,031	290	20	1,931
47	Jefferson	49	136,190	92,298	20,155	25,269	46,874	43,892	9,796	149	32,191
48	Johnson	34	51,805	48,540	26,505	6,370	15,665	3,265	1,186	77	10,269
49	Knox	265	4,898,430	2,687,148	854,586	619,698	1,212,864	2,211,282	353,253	4,403	2,069,673
50	Lake	4	51,950	37,200	20,300	3,200	13,700	14,750	553	60	19,289
51	Lauderdale	25	241,709	99,114	40,290	11,763	46,961	142,595	9,188	180	60,280
52	Lawrence	25	132,352	87,335	19,670	18,505	49,160	45,017	5,301	161	29,417
53	Lewis	7	8,389	8,075	3,310	1,990	2,775	314	156	9	832
54	Lincoln	80	327,246	202,809	37,881	48,574	116,354	124,437	41,931	296	78,486
55	Loudon	23	77,098	62,460	17,585	10,195	34,680	14,638	5,559	120	27,587
56	McMinn	58	467,974	342,380	36,365	92,015	214,000	125,594	28,996	451	99,246
57	McNairy	26	33,310	28,715	4,540	5,200	18,975	4,595	845	96	8,951
58	Macon	35	69,501	41,314	3,844	6,315	31,155	28,187	2,760	167	34,828
59	Madison	66	1,133,314	570,061	90,229	199,033	280,820	563,253	65,979	785	318,661
60	Marion	33	2,058,988	1,367,293	101,360	179,295	1,086,638	691,695	135,002	1,001	420,863
61	Marshall	53	93,890	60,315	5,060	9,345	45,910	33,575	4,436	156	33,227
62	Maury	149	447,164	308,859	46,550	79,325	182,984	138,305	35,287	619	189,752
63	Meigs	17	37,787	34,100	5,095	7,520	21,485	3,687	943	32	7,050
64	Monroe	39	161,387	95,009	16,995	29,010	49,004	66,378	5,922	88	25,548
65	Montgomery	58	394,165	230,861	40,130	56,125	134,606	163,304	43,152	365	134,699
66	Moore	13	12,400	6,080	1,210	1,305	3,565	6,320	277	21	6,025
67	Morgan	34	100,508	74,640	15,875	11,630	37,135	25,868	4,153	168	26,670
68	Obion	84	680,855	300,310	77,110	51,380	171,820	380,545	34,149	955	364,679
69	Overton	28	33,435	29,705	6,125	6,180	17,400	3,730	2,430	70	8,986
70	Perry	11	76,705	35,745	7,220	6,020	22,505	40,960	2,132	72	17,880
71	Pickett	10	11,880	11,530	3,135	2,490	5,905	350	244	18	5,190

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

TENNESSEE—Continued.

BY COUNTIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
5,026	$3,240,854	246	$101,317	30,549	$11,827,598	2,631	$538,573	1,333	$150,355	2,095	$875,364	642	$140,495	237	$24,695	$40,463,782	$72,355,286	1
23	6,911	.....	.....	61	10,654	.....	.....	2	152	.....	.....	.....	.....	.....	.....	55,068	86,688	2
46	17,753	.....	.....	170	39,515	60	8,754	25	2,500	.....	.....	.....	.....	.....	.....	429,649	573,432	3
13	4,802	.....	.....	64	12,570	1	70	5	230	12	1,800	.....	.....	.....	.....	48,542	80,750	4
9	2,977	.....	.....	23	4,085	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31,011	45,022	5
43	11,678	.....	.....	193	37,636	89	13,728	33	3,490	1	50	9	900	1	75	302,003	439,859	6
47	22,601	1	600	280	79,445	38	6,825	26	2,045	3	500	.....	.....	.....	.....	419,056	661,351	7
19	5,906	.....	.....	141	38,460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	299,887	483,230	8
11	3,648	.....	.....	36	4,522	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,687	52,448	9
44	13,874	.....	.....	164	27,348	.....	.....	7	132	6	1,471	1	160	.....	.....	155,721	251,890	10
32	6,956	.....	.....	66	15,220	.....	.....	.....	.....	1	250	9	1,000	.....	.....	94,980	134,178	11
20	13,932	.....	.....	36	11,741	.....	.....	.....	.....	2	373	.....	.....	.....	.....	59,439	123,298	12
10	3,167	.....	.....	11	1,230	.....	.....	4	576	.....	.....	.....	.....	.....	.....	17,474	26,851	13
25	6,538	.....	.....	57	12,217	1	180	.....	.....	.....	.....	.....	.....	.....	.....	92,112	133,734	14
11	4,052	.....	.....	27	3,766	.....	.....	.....	.....	1	25	.....	.....	.....	.....	19,218	31,153	15
26	6,607	.....	.....	39	5,649	3	184	.....	.....	1	15	.....	.....	.....	.....	52,496	80,062	16
48	22,829	.....	.....	188	40,850	1	42	15	936	40	17,059	.....	.....	3	320	220,761	424,097	17
6	2,284	.....	.....	21	3,875	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45,417	61,660	18
8	1,610	.....	.....	9	1,104	1	150	.....	.....	1	150	.....	.....	.....	.....	3,218	8,540	19
807	667,497	75	29,144	5,484	2,559,848	848	205,810	248	32,341	518	227,340	332	83,035	103	17,826	8,246,571	15,086,647	20
7	2,033	.....	.....	23	4,354	.....	.....	.....	.....	2	100	.....	.....	.....	.....	15,803	26,375	21
23	7,354	.....	.....	38	7,107	.....	.....	3	175	.....	.....	.....	.....	.....	.....	87,522	123,140	22
25	4,921	.....	.....	97	20,000	.....	.....	4	192	9	1,195	.....	.....	.....	.....	51,867	98,260	23
47	24,128	.....	.....	494	144,097	25	4,000	7	1,643	5	740	.....	.....	.....	.....	341,978	662,676	24
10	2,729	.....	.....	35	4,467	.....	.....	1	200	3	150	.....	.....	.....	.....	18,230	32,074	25
3	350	.....	.....	9	945	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,160	6,900	26
43	18,628	.....	.....	223	59,291	8	600	7	225	3	215	10	875	8	490	283,616	483,716	27
43	19,644	.....	.....	317	72,607	47	8,390	28	2,460	8	1,020	1	300	.....	.....	288,627	495,451	28
76	29,189	18	7,530	178	41,213	20	3,775	45	1,808	8	1,318	.....	.....	.....	.....	333,785	511,000	29
23	5,879	.....	.....	48	9,259	.....	.....	1	140	7	1,520	.....	.....	.....	.....	65,792	98,009	30
43	11,250	.....	.....	63	10,772	9	1,070	4	250	2	500	.....	.....	.....	.....	133,963	185,518	31
8	3,576	.....	.....	36	9,660	.....	.....	4	174	13	1,385	.....	.....	6	59	169,621	258,220	32
36	17,494	.....	.....	122	34,536	.....	.....	1	150	14	5,332	5	520	10	520	335,094	470,745	33
545	528,260	68	28,057	4,939	2,194,824	235	65,602	237	33,119	229	98,552	75	15,267	40	2,048	5,507,422	11,264,969	34
14	3,143	.....	.....	24	4,497	3	255	4	202	1	125	.....	.....	.....	.....	54,205	71,960	35
11	5,078	1	285	55	23,944	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63,449	122,224	36
28	6,383	.....	.....	75	13,304	1	250	1	100	9	915	.....	.....	.....	.....	58,527	105,072	37
22	7,374	.....	.....	110	25,860	3	360	4	350	.....	.....	.....	.....	.....	.....	136,788	213,388	38
5	2,004	.....	.....	24	4,209	.....	.....	.....	.....	6	2,700	1	25	.....	.....	26,405	43,927	39
24	6,578	.....	.....	86	21,504	.....	.....	2	100	2	150	.....	.....	.....	.....	64,814	116,072	40
25	9,892	2	1,200	61	14,901	49	3,512	15	1,158	1	600	.....	.....	.....	.....	131,543	199,683	41
29	29,195	.....	.....	202	76,177	61	9,750	10	900	.....	.....	.....	.....	.....	.....	366,348	587,478	42
13	9,100	.....	.....	172	58,727	.....	.....	.....	.....	8	2,500	.....	.....	.....	.....	76,475	193,400	43
16	5,360	.....	.....	111	22,033	10	1,400	5	367	.....	.....	.....	.....	.....	.....	74,583	143,525	44
9	2,840	.....	.....	27	3,035	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57,153	71,109	45
4	331	.....	.....	16	1,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,867	9,710	46
27	10,748	1	50	89	17,658	20	1,663	8	672	4	1,400	.....	.....	.....	.....	102,063	166,215	47
20	3,680	.....	.....	55	6,389	.....	.....	2	200	.....	.....	.....	.....	.....	.....	46,797	67,384	48
422	360,642	23	10,060	3,227	1,487,051	346	58,541	90	11,279	260	134,828	33	7,016	2	256	3,432,305	6,679,639	49
3	1,593	.....	.....	57	17,696	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38,954	69,440	50
22	13,588	.....	.....	129	36,080	.....	.....	1	50	27	10,550	.....	.....	1	12	129,858	242,110	51
22	8,570	.....	.....	98	16,821	28	2,874	12	1,092	1	60	.....	.....	.....	.....	105,801	154,642	52
4	292	.....	.....	5	540	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,990	7,942	53
73	25,069	.....	.....	193	51,059	9	700	14	1,278	7	380	.....	.....	.....	.....	241,692	432,840	54
21	6,204	.....	.....	84	18,544	1	500	1	39	13	2,300	.....	.....	.....	.....	49,462	99,199	55
39	19,428	.....	.....	199	43,864	147	29,578	66	6,376	.....	.....	.....	.....	.....	.....	382,059	575,176	56
19	2,892	.....	.....	75	6,019	.....	.....	2	40	.....	.....	.....	.....	.....	.....	31,535	51,905	57
42	12,759	.....	.....	123	21,049	.....	.....	.....	.....	2	1,020	.....	.....	.....	.....	85,626	161,951	58
93	61,443	3	1,872	614	239,767	38	9,536	26	3,231	11	2,812	.....	.....	.....	.....	566,912	1,100,828	59
47	43,867	1	360	920	371,959	.....	.....	29	2,320	4	2,357	.....	.....	.....	.....	980,703	1,597,007	60
55	14,852	2	884	80	16,156	11	1,255	2	120	5	35	1	25	.....	.....	145,609	231,886	61
116	48,866	13	5,031	403	118,177	33	7,442	32	3,246	22	7,190	.....	.....	.....	.....	747,145	1,148,135	62
11	3,153	.....	.....	21	3,897	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,359	47,843	63
28	8,389	.....	.....	56	16,909	3	100	.....	.....	1	150	.....	.....	.....	.....	480,621	576,734	64
42	23,992	.....	.....	270	94,601	20	3,514	15	1,756	18	10,836	.....	.....	.....	.....	314,147	629,809	65
10	2,730	.....	.....	10	2,995	.....	.....	.....	.....	1	300	.....	.....	.....	.....	4,996	14,712	66
36	7,484	.....	.....	120	16,526	.....	.....	.....	.....	12	2,660	.....	.....	.....	.....	69,057	129,858	67
65	41,925	3	1,126	703	270,093	17	4,480	14	1,450	142	42,755	9	2,100	2	750	845,502	1,448,384	68
16	3,602	.....	.....	50	5,244	.....	.....	.....	.....	4	240	.....	.....	.....	.....	55,807	75,871	69
12	4,819	.....	.....	60	13,061	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	92,770	128,900	70
11	4,180	.....	.....	6	960	.....	.....	.....	.....	1	50	.....	.....	.....	.....	21,335	28,478	71

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

TENNESSEE—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
72	Polk	12	$20,515	$18,490	$5,055	$3,580	$9,855	$2,025	$290	30	$6,205
73	Putnam	25	77,030	61,425	9,865	5,270	46,290	15,605	1,442	89	20,650
74	Rhea	40	649,604	436,130	28,010	67,190	340,930	204,474	13,632	422	176,097
75	Roane	45	671,370	486,680	18,645	85,470	382,565	184,690	22,272	388	129,736
76	Robertson	24	344,000	84,485	12,750	29,600	42,135	259,515	55,891	117	37,422
77	Rutherford	45	238,908	142,258	28,369	37,750	76,139	96,650	17,643	291	78,534
78	Scott	19	202,590	93,595	11,690	6,530	75,375	108,995	8,964	220	53,273
79	Sequatchie	9	44,625	25,955	3,580	7,800	14,575	18,670	1,554	43	13,790
80	Sevier	48	60,025	50,534	12,955	11,722	25,857	9,491	2,517	111	18,110
81	Shelby	367	9,824,471	6,050,255	1,474,798	1,637,745	2,937,712	3,774,216	848,690	6,418	3,245,582
82	Smith	56	109,244	75,846	5,753	14,720	55,373	33,398	6,997	153	24,966
83	Stewart	17	251,599	131,645	10,185	24,645	96,815	119,954	13,111	112	39,783
84	Sullivan	75	370,840	234,969	60,935	67,430	106,604	135,871	40,767	547	82,372
85	Sumner	47	54,212	40,044	4,087	6,870	29,087	14,168	5,141	147	28,507
86	Tipton	28	255,477	131,920	27,685	23,745	80,490	123,557	5,922	211	53,002
87	Trousdale	3	5,298	4,660	10	300	4,350	638	1,153	7	1,056
88	Unicoi	6	4,372	4,100	675	1,675	1,750	272	150	12	1,917
89	Union	37	50,153	38,968	8,203	8,280	22,485	11,185	5,193	90	16,026
90	Van Buren	5	6,745	6,155	200	1,155	4,800	590	19	20	2,768
91	Warren	33	107,712	88,625	16,977	26,718	44,930	79,087	8,622	221	44,292
92	Washington	100	478,702	282,809	76,245	64,625	141,939	195,893	21,453	556	184,603
93	Wayne	31	65,403	36,010	7,025	3,605	25,380	29,393	2,909	134	26,166
94	Weakley	43	253,712	159,065	27,455	35,820	95,790	94,647	13,107	301	78,362
95	White	23	201,887	71,022	10,707	22,975	37,340	130,865	54,470	128	34,847
96	Williamson	78	280,459	162,567	23,595	56,020	82,952	117,892	20,923	310	70,356
97	Wilson	34	79,499	42,074	4,327	9,177	28,570	37,425	3,650	171	48,447

TEXAS.

BY SPECIFIED INDUSTRIES.

1	All industries	5,268	46,815,181	30,351,607	8,495,546	6,090,177	15,765,884	16,463,574	3,594,940	39,475	18,586,338
2	Agricultural implements	11	207,987	105,416	22,405	43,175	39,836	102,571	13,159	260	90,838
3	Awnings, tents, and sails	6	22,658	14,675	6,000	6,000	2,675	7,983	1,693	27	13,916
4	Baking and yeast powders	3	16,525	5,055	1,000	1,450	2,605	11,470	1,940	16	5,076
5	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	664	773,995	438,406	168,555	137,555	152,296	335,589	39,197	1,099	495,799
6	Boots and shoes, custom work and repairing.	215	178,941	109,294	28,295	36,725	44,274	69,647	28,600	323	157,633
7	Boots and shoes, factory product	3	62,250	44,400	6,000	5,000	33,400	17,850	1,199	47	30,508
8	Bottling. (See also Liquors, malt; Mineral and soda waters.)	4	21,145	11,365	3,700	4,150	3,515	9,780	1,878	33	13,634
9	Bread and other bakery products	65	206,188	130,223	42,950	35,625	51,648	75,965	33,462	285	169,245
10	Brick and tile. (See also Clay and pottery products.)	124	1,054,414	688,348	304,985	140,155	243,208	366,066	53,868	2,040	564,378
11	Brooms and brushes	23	18,760	11,378	4,568	3,345	3,465	7,382	1,254	53	16,543
12	Carpentering	263	910,361	205,598	81,245	42,390	81,963	704,763	97,245	1,824	1,289,773
13	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	72	390,094	235,085	130,550	63,510	41,025	155,009	21,546	372	229,596
14	Cars and general shop construction and repairs by steam railroad companies.	31	1,140,049	799,573	127,625	331,150	340,798	340,476	----------	2,412	1,636,561
15	Cheese, butter, and condensed milk, factory product.	3	19,172	19,000	725	7,500	10,775	172	567	10	1,575
16	Chemicals. (See also Fertilizers; Paints.)	4	42,800	10,300	2,000	6,000	2,300	32,500	4,355	21	14,740
17	Clay and pottery products. (See also Brick and tile.)	19	85,147	68,807	21,627	29,125	18,055	16,340	2,854	133	53,610
18	Clothing, men's, custom work and repairing.	96	282,485	47,712	17,100	9,250	21,362	234,773	39,300	440	324,511
19	Clothing, men's, factory product	4	94,655	14,600	----------	----------	14,600	80,055	16,661	249	63,000
20	Clothing, women's, dressmaking	152	132,190	71,772	27,950	24,950	18,872	60,418	30,250	628	236,251
21	Coffee and spice, roasting and grinding.	5	90,905	54,555	12,000	3,000	39,555	36,350	27,860	69	34,179
22	Coffins and burial cases, trimming and finishing.	15	86,270	38,825	9,600	25,350	1,875	49,445	3,164	27	22,071
23	Confectionery	40	421,721	216,810	84,000	56,000	76,810	204,911	45,058	268	130,275
24	Cooperage	15	125,512	83,600	49,025	13,500	21,075	41,912	9,702	106	75,862
25	Cotton, compressing	9	2,075,290	2,062,000	1,029,800	309,000	663,200	13,290	81,860	763	220,435
26	Cotton, ginning	572	1,568,902	1,474,762	125,482	309,972	1,039,308	94,140	90,477	2,703	356,463

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

TENNESSEE—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
11	$2,386			19	$3,819											$16,540	$27,705	72
19	5,667			69	14,803					1	$180					62,574	102,432	73
48	45,287	3	$1,130	320	111,653	4	$752	7	$975	40	16,300					930,075	1,218,372	74
61	20,756			287	91,601	1	234	2	325	33	16,222			4	$600	445,786	669,212	75
25	8,075			86	28,587			2	70	4	690					157,636	379,015	76
38	15,300			215	59,209	10	1,030	24	2,795	4	200					247,301	399,710	77
18	6,821			182	42,443			6	531	10	2,998	2	$180	2	300	112,314	206,562	78
12	5,550			30	8,140			1	100							35,591	57,538	79
25	5,534			77	12,036	6	360	3	180							79,445	113,277	80
615	616,595	22	10,593	4,926	2,291,810	219	56,993	90	17,636	426	226,479	118	25,151	2	325	7,383,981	13,792,849	81
41	10,440			105	14,146			1	30	6	350					117,705	167,054	82
10	4,169			94	25,168			2	246	6	1,200					181,650	252,776	83
48	15,805			210	39,806	80	11,220	77	5,430	57	8,576	25	921	50	614	253,519	452,707	84
46	13,507			87	13,255	1	50	11	645	2	1,050					56,602	107,328	85
17	6,154			192	46,248					2	600					150,830	272,124	86
2	416			5	640											7,955	10,750	87
6	1,167			6	750											7,681	11,458	88
38	8,529			52	7,497											58,708	91,821	89
4	696			16	2,072											5,864	9,940	90
24	12,082			100	20,595	75	8,075	13	940	2	600	7	2,000			214,487	312,547	91
98	43,484	5	2,121	401	135,613	29	1,429	18	348	5	1,608					529,488	863,465	92
30	7,673	1	40	101	18,323			2	130							64,094	106,084	93
40	21,473	1	156	216	47,711			8	435	31	7,187	2	900	3	500	264,445	436,802	94
26	8,615			86	23,032	10	1,400	3	250	3	1,550					109,162	224,422	95
54	17,576	3	1,078	228	48,816	10	1,140	1	25	12	1,601	2	120			432,470	596,517	96
34	14,295			137	34,152											144,797	234,842	97

TEXAS.

BY SPECIFIED INDUSTRIES.

4,418	3,285,112	263	152,731	29,980	13,694,788	1,606	438,164	890	116,836	1,865	829,558	371	64,127	82	5,022	36,152,308	70,433,551	1
9	5,580			249	84,298					2	960					116,844	307,795	2
3	3,235	1	1,040	10	6,125	9	2,516					4	1,000			34,599	52,437	3
2	1,424			6	2,748	4	404	4	500							10,600	23,070	4
539	257,745			529	228,140	1	240	4	610	26	9,064					323,329	1,096,108	5
175	89,339			94	42,327			1	120	53	25,847					133,005	389,943	6
5	4,496			32	23,012	10	3,000									42,900	109,850	7
3	2,850			16	7,544			14	3,240							59,242	84,750	8
69	58,473	3	1,800	183	101,290	27	7,248	3	434							423,174	758,522	9
83	53,375	1	250	1,814	480,661	1	150	59	7,311	82	22,631					249,132	1,214,690	10
18	8,436			21	6,175			9	1,051	5	881					32,465	68,644	11
240	225,189			1,578	1,059,880					6	4,704					2,191,884	4,335,643	12
46	37,868	1	135	312	185,700	2	215	4	756	7	4,922					205,889	539,498	13
58	61,775			2,354	1,574,786											1,223,674	2,860,235	14
				10	1,575											7,277	10,373	15
7	8,140			14	6,600											89,000	123,000	16
16	10,243	1	140	85	25,687			1	142	30	17,398					18,011	96,580	17
81	70,479	2	1,600	103	70,894	18	5,947			228	172,828	8	2,763			303,793	785,155	18
10	16,000			7	4,260	20	5,740			162	29,000	50	8,000			167,500	299,336	19
1	1,700	136	81,566	7	3,936	456	140,168	7	1,006			21	7,875			310,642	704,461	20
17	16,940			34	15,018	6	921	12	1,300							274,294	343,807	21
14	13,478			13	9,493											99,798	164,670	22
66	51,383	11	6,204	125	58,730	21	4,294	17	1,264	31	7,360			5	1,040	363,961	677,350	23
14	13,588			69	47,362					23	14,912					107,898	235,283	24
47	37,000			704	183,235			2	200							62,771	686,429	25
263	51,402			2,339	296,225	6	321	29	1,860	66	6,655					294,792	1,172,298	26

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

TEXAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery tools, and implements.			Average number.	Total wages.
27	Dentistry, mechanical	15	$12,850	$7,075	----------	----------	$7,075	$5,775	$2,292	15	$8,974
28	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	12	17,719	2,355	$200	$300	1,855	15,364	2,791	30	11,439
29	Dyeing and cleaning	22	14,498	6,855	250	350	6,255	7,643	7,251	61	34,997
30	Fancy articles, not elsewhere specified	4	18,643	13,130	5,250	7,500	380	5,513	1,024	6	3,105
31	Flouring and grist mill products	690	4,052,802	3,004,700	382,809	786,864	1,835,027	1,048,102	260,816	1,965	531,940
32	Food preparations. (See also Fruits and vegetables, canning and preserving.)	3	116,330	58,600	16,000	25,500	17,100	57,730	13,120	70	35,365
33	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	59	1,530,156	734,266	232,300	176,756	325,210	795,890	80,101	859	607,498
34	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	10	85,347	59,870	9,890	19,880	30,100	25,477	6,559	715	34,875
35	Furnishing goods, men's. (See also Shirts.)	6	27,640	3,450	----------	----------	3,450	24,190	2,478	84	29,467
36	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	38	91,762	41,077	24,387	5,575	11,115	50,685	6,926	113	61,553
37	Furniture, chairs	7	89,915	60,755	13,020	15,280	32,455	29,160	3,725	171	53,725
38	Furniture, factory product	5	51,600	30,500	7,500	7,000	16,000	21,100	2,646	68	40,306
39	Gas, illuminating and heating	8	1,575,131	1,449,289	240,000	139,000	1,070,289	125,842	30,549	99	73,283
40	Hairwork	3	3,380	1,230	----------	----------	1,230	2,150	1,189	6	2,840
41	Hand stamps	5	11,925	8,100	----------	----------	8,100	3,825	1,846	11	7,134
42	Ice, artificial	53	1,662,804	1,492,142	233,700	217,409	1,041,033	170,662	107,608	589	273,123
43	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	13	230,422	83,112	14,600	21,000	47,512	147,310	10,129	155	112,408
44	Jewelry. (See also Watch, clock, and jewelry repairing.)	6	40,400	21,500	3,000	7,000	11,500	18,900	9,700	29	25,582
45	Leather, tanned and curried	7	92,450	49,300	11,650	28,650	9,000	43,150	1,477	37	22,776
46	Lime and cement	11	190,627	134,957	69,450	29,162	36,345	55,670	8,147	184	86,059
47	Liquors, malt. (See also Bottling.)	7	1,534,775	1,185,500	220,000	385,000	580,500	349,275	379,309	444	263,347
48	Lock and gun smithing	24	64,325	52,075	31,550	6,900	13,625	12,250	4,982	38	26,146
49	Looking-glass and picture frames	10	25,000	9,275	5,000	1,800	2,475	15,725	4,399	15	8,407
50	Lumber and other mill products from logs or bolts.	284	10,674,707	7,175,766	3,143,700	618,500	3,413,476	3,498,941	435,657	6,820	2,572,921
51	Lumber, planing mill products, including sash, doors, and blinds. (See also Wood, turned and carved.)	62	1,169,445	585,466	169,620	109,703	300,143	583,979	81,848	1,036	627,767
52	Marble and stone work. (See also Monuments and tombstones.)	9	175,212	72,130	31,950	5,140	35,040	103,082	11,981	177	132,756
53	Masonry, brick and stone. (See also Plastering and stuccowork.)	72	965,460	93,300	25,800	16,025	51,475	872,160	90,448	1,579	1,220,001
54	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	32	141,814	62,556	24,360	24,165	14,031	79,258	9,645	189	105,605
55	Millinery, custom work	67	228,559	41,382	17,000	8,300	16,082	187,177	38,038	279	118,028
56	Mineral and soda waters. (See also Bottling.)	42	194,162	152,567	29,900	26,100	96,567	41,595	24,750	135	70,385
57	Models and patterns	3	9,125	8,200	2,000	2,500	3,700	925	346	8	2,720
58	Monuments and tombstones. (See also Marble and stone work.)	27	145,015	43,305	32,325	7,285	3,755	101,650	22,497	104	68,912
59	Musical instruments and materials, not specified.	7	128,205	123,500	76,000	44,500	3,000	4,705	1,372	15	13,912
60	Oil, cottonseed and cake	13	2,358,615	1,825,593	149,950	596,634	1,079,009	533,022	233,070	920	374,226
61	Painting and paper hanging	51	162,739	27,952	11,450	3,762	12,740	134,787	20,596	331	265,856
62	Paints. (See also Chemicals.)	5	37,739	27,815	2,500	19,000	6,315	9,924	1,566	42	30,494
63	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	22	149,460	42,230	18,300	12,500	11,430	107,230	44,861	77	52,790
64	Paving and paving materials	10	105,910	36,450	9,200	4,500	22,750	69,460	11,287	448	249,892
65	Photography	50	98,344	72,010	8,260	9,085	54,665	26,334	22,561	139	95,666
66	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	4	15,655	7,850	1,050	950	5,850	7,805	2,310	12	6,857
67	Plastering and stuccowork. (See also Masonry, brick and stone.)	14	34,378	7,275	2,100	1,600	3,575	27,103	3,829	111	98,684
68	Plumbing and gas fitting	33	247,494	38,697	10,000	4,600	24,097	208,797	23,261	233	176,637
69	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	56	904,945	488,502	36,850	74,287	377,365	416,443	85,083	570	429,463
70	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	391	1,670,937	1,114,316	63,945	156,993	893,378	556,621	444,470	1,995	1,193,550
71	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	28	186,406	55,851	22,800	10,850	22,201	130,555	15,269	165	123,392

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

TEXAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
15	$8,974													$5,162	$19,175	27
14	6,202			11	$4,862	3	$75	2	$300					14,412	39,936	28
20	13,778	5	$2,644	24	14,625	9	2,600			3	$1,350			9,773	74,734	29
2	1,800			1	312	3	993							9,182	16,180	30
339	122,940			1,597	407,507	1	40	10	308	18	1,145			8,294,003	9,903,455	31
12	15,600			33	14,565	25	5,200							76,757	134,895	32
74	92,795	3	1,620	729	484,725			31	11,775	22	16,583			735,001	1,874,059	33
12	2,215			103	10,224	69	4,144	141	4,332	145	6,100	180	$6,570	65	$1,290	59,650	141,787	34
6	4,356			16	8,584	52	14,507	6	870			4	1,150			45,170	100,092	35
27	16,632			78	43,582	3	516	3	728	2	95					65,682	161,231	36
8	6,026			76	39,427	10	3,640	54	4,992	11	7,940	8	600	4	100	27,132	99,751	37
6	5,050			54	32,208			6	1,248	2	1,800					34,189	87,555	38
26	26,365			73	46,918											92,793	387,729	39
		2	1,524			4	1,316									2,950	8,300	40
4	3,274			7	3,860											4,335	16,185	41
95	69,289			486	203,342			8	492							218,984	920,692	42
15	15,800			140	96,608											182,371	386,822	43
5	6,000			23	18,982					1	600					20,005	99,100	44
5	2,296			32	20,480											57,473	90,890	45
8	5,698			176	80,361											28,063	226,910	46
42	56,819	1	900	321	186,908			80	18,720							495,307	1,702,087	47
21	15,347			14	9,954			1	145	2	700					8,545	51,900	48
6	4,082			7	4,114			2	211							24,500	52,005	49
307	268,377	1	250	6,315	2,269,353	8	1,538	31	4,542	158	28,861					6,322,076	11,328,257	50
87	86,735			944	540,024			2	408	3	600					1,554,926	2,700,941	51
13	10,166			163	120,790					1	1,800					122,890	348,500	52
87	120,031			1,491	1,099,870					1	100					2,154,599	4,036,762	53
31	20,559	1	250	88	47,691	14	3,383	16	4,548	33	26,882			6	2,292	131,627	297,041	54
12	11,000	65	36,072	4	1,652	195	68,893	3	411							312,734	591,846	55
34	27,061			96	42,288	1	400	3	486	1	150					78,401	259,793	56
2	1,120			5	1,500					1	100					427	4,980	57
32	23,493			71	45,179	1	240									87,362	256,849	58
3	2,824			12	11,088											4,020	27,400	59
54	54,086			861	318,885	5	1,255									2,531,911	3,262,596	60
54	58,381			271	203,445					6	4,030					208,886	572,343	61
11	10,350			31	20,144											33,359	75,975	62
29	29,111			46	22,679					2	1,000					79,458	262,108	63
12	14,630			436	235,262											202,578	623,640	64
51	49,174	1	780	53	34,793	14	6,954	3	456	14	3,359	3	150			54,725	223,644	65
5	3,846			4	1,903	2	1,058	1	50							11,347	35,916	66
17	19,500			94	79,184											79,596	214,930	67
43	49,039	1	624	180	124,954			9	2,020							325,997	653,808	68
100	107,653	1	780	376	289,210	39	10,847	16	2,371	19	14,286	19	4,316			483,386	1,213,888	69
376	294,119	19	9,362	1,163	670,000	74	25,051	126	15,423	224	175,550	13	4,045			514,635	2,757,522	70
29	30,918			135	92,330	1	144									178,336	379,685	71

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY TEXAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
72	Saddlery and harness	165	$1,989,016	$466,245	$162,600	$205,510	$98,135	$1,522,771	$125,987	886	$549,704
73	Sausage	4	13,600	12,800	7,000	3,100	2,700	800	155	16	10,377
74	Shipbuilding	9	9,619	6,210	985	2,400	2,825	3,409	425	31	11,788
75	Shirts. (See also Furnishing goods, men's.)	4	14,225	2,500	.....	.....	2,500	11,725	2,947	43	17,135
76	Silversmithing	3	1,088	800	500	100	200	288	125	5	1,150
77	Soap and candles	9	169,500	91,550	26,750	31,400	33,400	77,950	10,651	84	43,344
78	Sugar and molasses, refining	51	17,608	16,317	1,187	3,285	11,845	1,291	1,292	155	7,537
79	Timber products, not manufactured at mill.	30	500,844	310,811	171,065	.....	139,746	190,033	55,327	999	369,707
80	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	102	401,231	221,655	66,015	80,880	74,760	179,576	35,553	326	214,673
81	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	25	126,346	21,988	1,575	13,500	6,913	104,358	29,976	169	96,384
82	Trunks and valises	5	56,980	20,975	2,500	2,000	16,475	36,005	14,328	59	40,859
83	Vinegar and cider	4	89,687	76,337	45,500	25,500	5,337	13,350	7,366	17	10,104
84	Washing machines and clothes wringers	4	2,505	1,343	55	228	1,060	1,162	75	9	1,560
85	Watch, clock, and jewelry repairing. (See also Jewelry.)	75	296,491	217,880	107,975	55,320	54,585	78,611	20,503	144	113,983
86	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	7	8,430	5,540	835	1,655	3,050	2,890	232	13	3,250
87	Woolen goods	4	371,270	256,130	62,005	44,050	150,075	115,140	17,333	359	138,795
88	All other industries (*a*)	49	1,373,498	1,051,081	122,196	279,377	649,508	322,417	51,918	815	323,761

a Embracee ammunition, 1; axle grease, 1; bagging, flax, hemp, and jute, 1; bluing, 1; bookbinding and blank-book making, 2; boot and shoe uppers, 1; brass castings and brass finishing, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 2; cotton goods, 1; electrical apparatus and supplies, 1; engraving and diesinking, 1; engraving, wood, 1; fertilizers, 1; fur goods, 1; furs, dressed, 1; glass, cutting, staining, and ornamenting, 1; hardware, 1; hats and caps, not including wool hats, 1; hay and straw, baling, 1; iron and steel, bolts, nuts, washers, and rivets, 1; leather, dressed

BY COUNTIES.

[No manufactures reported from the following counties: Andrews, Archer, Bailey, Borden, Brewster, Briscoe, Buchel, Calhoun, Castro, Cochran, Collingsworth, Hidalgo, Hockley, Hutchinson, Kent, King, Lamb, Live Oak, Loving, Lubbock, Lynn, McMullen, Martin, Matagorda, Moore, Motley, Ochiltree, Oldham,

1	The State	5,268	46,815,181	30,351,607	8,495,546	6,090,177	15,765,884	16,463,574	3,594,940	39,475	18,586,338
2	Anderson	63	436,926	274,134	37,800	80,562	155,772	162,792	28,775	705	409,534
3	Angelina	14	172,777	127,432	25,237	11,475	90,720	45,345	8,516	147	58,340
4	Aransas	12	43,693	26,060	6,300	4,800	14,960	17,633	1,290	59	28,175
5	Armstrong	3	4,200	3,700	950	1,450	1,300	500	120	3	1,278
6	Atascosa	8	16,408	15,910	1,600	2,750	11,560	498	604	45	3,791
7	Austin	68	125,210	102,795	14,255	26,685	61,855	22,415	4,428	204	30,242
8	Bandera	4	9,400	5,700	1,400	2,400	1,900	3,700	189	7	3,110
9	Bastrop	4	4,171	3,360	160	1,100	2,100	811	430	11	2,301
10	Baylor	3	3,925	3,600	.....	.....	3,600	325	1,266	9	4,384
11	Bee	3	4,965	3,800	1,010	525	2,265	1,165	466	3	1,339
12	Bell	64	235,099	184,510	15,245	35,055	134,210	50,589	10,956	220	73,052
13	Bexar	317	3,044,025	1,892,340	546,545	443,575	902,220	1,151,685	498,701	2,518	1,672,051
14	Blanco	11	20,575	17,568	913	5,665	10,990	3,007	801	21	4,481
15	Bosque	13	38,022	30,355	2,575	7,600	20,180	7,667	2,295	20	8,679
16	Bowie	68	1,328,457	967,245	419,140	92,945	455,160	361,212	62,004	1,157	454,960
17	Brazoria	4	23,255	22,265	515	10,850	10,900	990	477	6	2,156
18	Brazos	41	152,341	100,558	13,991	33,837	52,730	51,783	8,578	138	41,667
19	Brown	20	165,015	114,755	16,700	39,500	58,555	50,260	15,943	94	50,404
20	Burleson	16	18,030	15,415	2,785	5,275	7,355	2,615	1,046	47	8,181
21	Burnet	23	99,206	71,231	9,535	14,850	46,846	27,975	3,773	105	43,308
22	Caldwell	32	64,637	58,687	5,235	11,030	42,422	5,950	3,943	95	25,111
23	Callahan	13	27,492	20,923	970	7,350	12,603	6,569	1,440	41	15,007
24	Cameron	3	8,525	6,500	500	2,000	4,000	2,025	2,238	24	4,608
25	Camp	10	11,955	10,555	1,105	1,625	7,825	1,400	1,073	23	6,105
26	Cass	51	740,771	509,919	77,275	74,755	357,889	230,852	52,645	672	252,704
27	Chambers	12	39,646	27,122	10,392	6,240	10,490	12,524	2,409	87	24,407
28	Cherokee	86	141,615	111,663	19,585	20,380	71,718	29,952	9,439	448	122,949
29	Clay	9	46,950	26,450	3,125	6,425	16,900	20,500	3,470	58	17,962
30	Coleman	6	45,402	36,802	2,302	9,200	25,300	8,600	1,672	19	6,015
31	Collin	46	164,447	140,610	9,920	33,170	97,520	23,837	9,379	161	39,802
32	Colorado	31	69,035	55,927	2,852	14,275	38,800	13,108	3,342	112	17,087
33	Comal	21	49,260	33,800	8,350	9,100	16,350	15,460	3,423	55	21,508
34	Comanche	14	34,566	24,434	3,955	5,528	14,951	10,132	1,974	37	10,488
35	Coocho	3	4,525	2,450	675	1,075	700	2,075	72	3	1,412
36	Cooke	27	93,919	70,872	11,280	17,740	41,852	23,047	8,509	114	34,449

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

TEXAS—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
193	$152,569	.....	.....	500	$285,160	.....	.....	1	$200	192	$111,775	.....	.....	.....	.....	$1,349,881	$2,488,356	72
5	4,407	.....	.....	10	5,820	1	$150	.....	.....	.....	.....	.....	.....	.....	.....	23,775	42,000	73
2	918	.....	.....	24	7,870	.....	.....	.....	.....	5	3,000	.....	.....	.....	.....	12,808	29,777	74
5	5,328	.....	.....	.....	.....	12	3,064	.....	.....	.....	.....	26	$8,744	.....	.....	19,721	56,500	75
.....	.....	.....	.....	4	968	.....	.....	1	182	.....	.....	.....	.....	.....	.....	691	3,075	76
12	12,634	.....	.....	54	26,440	12	3,000	5	870	1	400	.....	.....	.....	.....	141,773	257,650	77
11	853	.....	.....	143	6,672	.....	.....	1	12	.....	.....	.....	.....	.....	.....	23,980	48,395	78
26	17,882	.....	.....	730	269,426	4	860	.....	.....	239	81,539	.....	.....	.....	.....	98,802	614,309	79
69	48,806	.....	.....	256	165,672	.....	.....	.....	.....	1	195	.....	.....	.....	.....	313,364	717,861	80
20	16,649	.....	.....	117	68,964	5	918	12	1,783	12	7,146	1	624	2	$300	85,858	241,970	81
9	7,704	1	$480	49	32,666	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28,909	142,438	82
6	3,904	.....	.....	11	6,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,608	57,520	83
1	350	.....	.....	8	1,210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,327	6,228	84
55	38,174	.....	.....	84	73,409	.....	.....	2	230	3	2,170	.....	.....	.....	.....	55,352	246,218	85
2	790	.....	.....	11	2,460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,575	12,000	86
17	18,115	.....	.....	113	56,800	156	40,150	41	5,580	12	7,600	20	10,550	.....	.....	188,607	353,230	87
58	62,380	6	4,710	318	163,978	302	66,064	107	13,349	10	5,540	14	7,740	.....	.....	645,088	1,246,203	88

ekins, 2; liquors, distilled, 2; liquors, vinous, 2; lithographing and engraving, 1; oil, castor, 1; printing materials, 1; pulp from fiber, other than wood, 1; refrigerators, 1; regalia and society banners and emblems, 2; salt, 2; sewing machine repairing, 2; show cases, 1; stencils and brands, 2; stereotyping and electrotyping, 1; tobacco, chewing, smoking, and snuff, 1; umbrellas and canes, 1; upholstery materials, 1; window shades, 1; wood, turned and carved, 1.

BY COUNTIES.

Cottle, Crane, Crockett, Dallam, Dawson, Deaf Smith, Dickens, Duval, Ector, Encinal, Floyd, Foley, Gaines, Garza, Glasscock, Goliad, Gray, Hansford, Hartley, Parmer, Pecos, Refugio, Runnels, San Patricio, Schleicher, Sherman, Starr, Sutton, Swisher, Terry, Upton, Ward, Wheeler, Winkler, Yoakum, Zapata, Zavalla.]

4,418	3,285,112	263	152,731	29,980	13,694,788	1,606	438,164	890	116,836	1,865	829,558	371	64,127	82	5,022	36,152,308	70,433,551	1
48	40,141	5	3,880	641	361,042	3	1,628	3	519	5	2,324	.....	.....	.....	.....	387,448	884,955	2
16	10,522	.....	.....	125	47,274	.....	.....	1	144	5	400	.....	.....	.....	.....	152,907	243,829	3
11	6,363	.....	.....	48	21,812	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,634	76,257	4
1	468	.....	.....	2	810	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	445	2,000	5
7	1,630	.....	.....	35	2,083	3	78	.....	.....	.....	.....	.....	.....	.....	.....	4,777	16,994	6
54	13,118	.....	.....	147	16,767	.....	.....	2	57	1	360	.....	.....	.....	.....	49,658	112,549	7
2	1,040	.....	.....	4	1,950	.....	.....	1	120	.....	.....	.....	.....	.....	.....	10,944	17,125	8
2	651	.....	.....	7	1,050	.....	.....	1	100	1	500	.....	.....	.....	.....	1,503	5,520	9
2	1,104	.....	.....	7	3,280	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,662	10,460	10
3	1,339	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	884	3,600	11
43	17,292	.....	.....	159	51,000	1	350	4	360	13	4,050	.....	.....	.....	.....	206,007	371,237	12
382	392,561	46	30,260	1,870	1,144,393	132	43,548	21	3,551	67	57,738	.....	.....	.....	.....	2,445,617	5,735,062	13
6	1,749	.....	.....	14	2,132	.....	.....	.....	.....	1	600	.....	.....	.....	.....	7,093	15,698	14
10	3,499	.....	.....	10	5,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33,956	49,224	15
83	69,305	2	589	897	353,570	11	2,366	5	225	156	28,122	3	783	.....	.....	1,094,582	1,757,425	16
2	1,248	.....	.....	4	908	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,886	35,210	17
13	6,159	4	1,976	114	32,071	3	581	3	280	1	600	.....	.....	.....	.....	74,636	146,712	18
2	1,055	1	312	87	46,910	.....	.....	1	120	3	2,007	.....	.....	.....	.....	132,146	224,495	19
10	4,748	.....	.....	32	3,103	.....	.....	4	80	1	250	.....	.....	.....	.....	8,114	28,093	20
15	7,694	.....	.....	75	32,014	11	3,250	.....	.....	4	350	.....	.....	.....	.....	57,977	152,375	21
21	9,942	.....	.....	72	14,419	1	500	.....	.....	1	250	.....	.....	.....	.....	33,223	91,842	22
14	8,985	.....	.....	27	6,022	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,791	41,896	23
1	780	.....	.....	20	3,768	.....	.....	3	60	.....	.....	.....	.....	.....	.....	3,537	11,780	24
3	1,368	.....	.....	20	4,737	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,104	25,248	25
39	17,350	.....	.....	562	208,442	1	120	3	480	67	26,312	.....	.....	.....	.....	757,926	1,366,127	26
2	455	.....	.....	71	19,980	.....	.....	9	972	5	3,000	.....	.....	.....	.....	17,012	53,666	27
42	23,432	1	135	355	96,344	14	1,553	29	1,319	7	166	.....	.....	.....	.....	142,062	358,088	28
7	3,267	.....	.....	41	12,160	.....	.....	3	275	7	2,200	.....	.....	.....	.....	58,249	87,359	29
1	780	.....	.....	18	5,235	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43,825	55,681	30
43	15,836	.....	.....	111	22,051	.....	.....	3	240	3	1,311	1	364	.....	.....	113,650	188,196	31
14	5,024	.....	.....	96	11,830	.....	.....	2	233	.....	.....	.....	.....	.....	.....	46,553	80,960	32
11	4,172	.....	.....	43	17,186	1	150	.....	.....	.....	.....	.....	.....	.....	.....	53,142	107,570	33
11	4,970	.....	.....	25	5,418	.....	.....	.....	.....	1	100	.....	.....	.....	.....	30,576	52,251	34
1	312	.....	.....	2	1,100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,315	3,950	35
12	5,027	2	1,000	90	26,422	10	2,000	.....	.....	.....	.....	.....	.....	.....	.....	162,211	242,415	36

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY TEXAS—Continued.

BY COUNTIES—Continued.

	COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
37	Coryell	37	$102,836	$91,761	$12,650	$21,150	$57,955	$11,075	$5,046	141	$27,810
38	Dallas	348	5,343,210	2,883,189	619,475	570,377	1,693,337	2,460,027	599,545	4,186	2,541,009
39	Delta	18	24,046	19,276	2,326	4,675	12,275	4,770	1,257	33	6,877
40	Denton	38	210,370	164,907	14,847	48,650	101,410	45,463	7,559	164	45,105
41	Dewitt	31	176,075	158,700	21,925	34,150	102,625	17,375	19,850	235	124,351
42	Donley	4	4,910	3,075	1,700	550	1,425	1,235	434	7	3,180
43	Eastland	28	113,900	80,902	12,827	18,010	50,065	33,088	7,339	160	62,913
44	Ellis	56	277,200	184,540	23,680	43,630	117,230	92,750	16,559	232	82,098
45	El Paso	73	480,747	254,129	33,900	69,459	150,680	226,618	53,170	423	280,449
46	Erath	32	90,347	73,160	6,255	14,245	52,660	17,187	4,309	94	22,710
47	Falls	37	78,223	53,080	4,230	11,150	37,700	25,153	5,453	134	34,228
48	Fannin	68	203,958	148,258	30,850	31,720	85,688	55,700	13,500	102	63,372
49	Fayette	113	353,419	276,607	31,592	72,370	172,645	76,812	18,930	434	100,624
50	Franklin	13	51,493	39,080	13,825	2,450	22,805	12,413	655	58	11,485
51	Freestone	21	34,777	32,627	1,347	6,100	25,180	2,150	1,920	64	7,985
52	Frio	3	12,175	11,500	200	5,000	6,300	675	720	6	2,020
53	Galveston	191	5,123,412	3,574,928	1,469,720	763,064	1,342,144	1,548,484	405,326	1,934	1,242,299
54	Gillespie	23	83,173	59,760	9,295	23,100	27,365	23,413	5,067	43	13,398
55	Gonzales	10	36,091	22,920	3,395	5,325	14,200	13,171	1,219	25	7,695
56	Grayson	200	1,402,392	988,752	123,629	288,755	576,368	413,640	89,040	1,487	792,676
57	Gregg	16	71,067	43,825	7,023	11,710	25,092	27,242	10,528	316	103,393
58	Grimes	29	157,970	127,295	8,735	40,525	78,035	30,675	10,588	152	31,704
59	Guadalupe	17	29,717	21,952	5,125	7,012	9,815	7,765	2,135	36	11,754
60	Hamilton	6	10,065	5,860	2,200	1,900	1,760	4,205	204	8	3,796
61	Hardin	6	977,414	579,437	277,060	38,500	263,877	397,977	56,747	465	241,589
62	Harris	216	3,852,827	2,541,236	475,075	669,641	1,396,520	1,311,591	331,804	3,261	1,736,756
63	Harrison	73	720,286	436,235	67,322	137,210	231,703	284,051	29,008	830	427,813
64	Haskell	3	6,310	3,700	1,950	700	1,050	2,610	171	5	2,296
65	Hays	28	81,325	59,056	14,305	19,145	25,606	22,269	3,928	114	23,624
66	Hemphill	3	5,550	2,775	800	650	1,325	2,775	296	6	2,740
67	Henderson	15	24,870	22,795	2,830	4,290	15,675	2,075	968	37	7,937
68	Hill	55	125,232	98,277	7,284	20,273	70,720	26,955	8,869	211	42,096
69	Hood	14	65,771	43,630	3,825	5,625	34,180	22,141	1,710	46	14,719
70	Hopkins	46	198,183	163,311	10,185	43,495	109,631	34,872	8,823	205	51,273
71	Houston	11	26,960	21,780	6,700	1,030	14,050	5,180	1,392	51	11,129
72	Hunt	53	226,506	175,585	18,480	40,835	116,270	50,921	8,837	275	73,157
73	Jack	14	44,166	34,396	2,615	8,595	23,186	9,770	2,712	32	9,721
74	Jefferson	14	2,562,802	1,665,236	1,171,612	72,800	420,824	897,566	72,843	556	281,028
75	Johnson	5	11,843	10,120	470	2,100	7,550	1,723	636	64	44,790
76	Kaufman	40	151,539	113,583	13,413	21,480	78,690	37,956	11,043	216	52,174
77	Kerr	5	15,925	13,550	1,500	5,750	6,300	2,375	931	10	4,709
78	Kimble	5	4,180	2,900	350	525	2,025	1,280	644	8	2,860
79	Knox	3	3,935	1,850	850	325	675	2,085	220	3	1,388
80	Lamar	73	429,380	249,066	64,175	53,858	131,033	180,314	20,298	481	122,659
81	Lampasas	14	53,192	36,525	2,725	8,400	25,400	16,667	5,199	51	23,424
82	Lavaca	54	97,530	87,585	8,130	17,605	61,850	9,945	3,548	157	27,658
83	Lee	28	63,185	41,685	3,295	10,115	28,275	21,500	3,516	61	16,212
84	Leon	51	54,314	48,574	4,345	10,710	33,519	5,740	1,810	104	14,843
85	Liberty	8	102,425	64,860	15,960	6,250	42,650	37,565	3,987	61	17,520
86	Limestone	52	129,848	101,843	15,916	24,445	61,482	28,005	7,263	291	56,356
87	Llano	10	24,235	17,230	3,840	5,305	8,085	7,005	1,315	17	5,787
88	McCulloch	3	6,330	3,190	1,000	1,200	990	3,140	68	4	1,799
89	McLennan	118	1,613,339	1,039,820	256,145	224,560	559,115	573,519	121,174	1,152	562,981
90	Madison	17	21,160	14,485	1,520	3,875	9,090	6,675	932	37	7,026
91	Marion	25	792,289	347,316	102,545	50,225	194,546	444,973	49,821	646	227,380
92	Mason	4	18,785	16,735	535	8,600	7,600	2,050	665	8	3,548
93	Medina	7	22,130	15,880	1,380	6,650	7,850	6,250	387	16	5,010
94	Menard	5	7,185	2,610	135	550	1,925	4,575	431	10	3,389
95	Milam	49	113,760	79,686	15,276	20,300	44,110	34,074	8,063	205	60,568
96	Mills	6	14,165	12,520	1,070	3,700	7,750	1,645	885	13	3,617
97	Mitchell	4	67,300	58,800	12,750	15,750	30,300	8,500	2,711	21	9,337
98	Montague	50	111,715	80,790	4,225	17,520	59,045	30,925	8,803	150	40,440
99	Montgomery	24	300,270	235,350	64,775	24,750	145,825	64,920	14,157	401	146,687
100	Morris	15	47,450	27,070	6,910	5,305	14,855	20,380	4,818	71	16,682
101	Nacogdoches	20	54,897	41,497	8,972	5,800	26,725	13,400	3,652	83	13,133
102	Navarro	24	202,276	136,195	19,650	27,860	88,685	66,081	12,777	139	70,162
103	Newton	15	191,009	107,287	40,986	3,200	63,101	83,722	20,738	294	119,614
104	Orange	27	1,717,092	1,174,855	592,600	118,850	463,405	542,237	77,184	887	439,936
105	Palo Pinto	22	44,508	34,778	2,450	9,315	23,013	9,730	2,954	43	15,765
106	Panola	32	108,800	83,589	13,104	14,600	55,985	25,211	6,653	163	45,778

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

TEXAS—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
34	$12,173			95	$14,277			1	$240	9	$640	2	$480			$62,115	$120,416	37
497	478,590	55	$34,346	2,593	1,625,059	394	$100,753	191	31,582	378	246,390	78	24,289			4,414,224	9,152,596	38
7	1,885			24	4,792	2	200									8,566	20,003	39
27	10,094			134	33,541	1	620	1	50	1	900					295,325	397,037	40
13	6 915			210	115,650	2	444	6	524	4	818					96,920	285,498	41
2	1,040			5	2,140											5,016	14,500	42
14	8,134			91	28,729					55	26,050					127,217	230,594	43
50	23,391	3	1,074	157	55,973	14	966	5	464	3	230					185,654	339,252	44
45	45,264	9	4,970	305	199,855	24	6,936	10	1,724	29	21,088	1	613			295,797	787,721	45
16	5,470			78	17,240											64,592	116,426	46
18	6,715			115	27,371			1	142							27,563	88,060	47
43	18,130			188	43,192			5	600	4	1,150			2	$300	169,564	293,734	48
60	24,679			345	71,957	8	1,720	6	163	15	2,105					176,269	389,451	49
4	1,285			51	9,820	3	380									20,862	42,520	50
8	2,148			55	5,812					1	25					79,159	96,330	51
1	520			5	1,500											5,500	9,266	52
241	272,040	12	7,166	1,223	796,657	208	66,345	71	9,895	124	83,156	50	8,000	5	1,040	3,256,174	5,727,875	53
12	5,562			31	7,836											49,239	81,243	54
3	1,616			21	5,779					1	300					10,409	25,394	55
140	99,461	16	7,378	1,253	664,687	60	15,100	11	1,300	6	4,550	1	200			1,379,192	2,519,814	56
23	11,809			287	91,069			2	315	4	200					142,090	351,895	57
8	3,274			141	28,060	1	100			2	270					133,710	196,434	58
10	6,256			22	6,079			3	224	1	195					17,481	41,865	59
8	3,796															2,361	7,653	60
19	21,670			405	213,346			11	1,795	30	4,778					413,263	778,239	61
286	287,477	27	17,224	2,472	1,260,181	121	36,878	77	21,680	272	110,566	1	468	6	2,292	4,008,449	7,354,943	62
67	52,261	2	1,120	713	350,987	10	3,214	5	465	32	19,726	1	50			771,953	1,475,530	63
1	416			4	1,880											2,772	7,450	64
17	7,926			94	15,137	1	300			2	261					45,655	94,275	65
1	500			5	2,240											2,167	8,670	66
8	2,220			29	5,717											17,843	28,615	67
34	12,141			167	29,547			3	180	7	1,128					98,296	191,647	68
9	3,966	1	400	36	10,353											54,655	88,215	69
19	8,612			183	41,341			1	120	2	1,200					92,199	183,490	70
4	939			46	9,890					1	300					11,255	30,062	71
39	12,885			232	69,579	2	576	1	72	2	45					132,221	255,104	72
10	3,525			16	5,773	2	273	2	50	2	100					33,078	51,194	73
36	60,130			504	218,469			15	1,854	1	575					562,150	1,329,307	74
1	450			61	44,090	1	200	1	50							40,096	87,126	75
15	6,084			166	44,168	18	994	14	608	3	320					97,290	200,775	76
4	2,435			6	2,274											16,803	26,600	77
4	1,460			3	1,220	1	180									3,912	10,242	78
3	1,388															1,960	4,586	79
52	27,467			297	83,319	22	3,502	46	1,365	7	4,536	17	1,690	40	780	614,030	895,112	80
12	7,818			38	14,856					1	750					34,782	73,457	81
24	8,629			129	18,729			4	300							47,394	111,006	82
12	5,072			47	9,900					2	1,240					18,377	54,836	83
19	5,132			81	9,311					4	400					60,667	90,680	84
8	4,210			49	13,131			3	134	1	45					50,220	97,067	85
38	14,221			177	37,463	6	325	63	1,725	8	2,622					52,846	158,306	86
10	3,419			7	2,368											7,554	17,636	87
2	1,029			1	670	1	100									1,666	4,900	88
136	118,877	9	5,936	677	341,329	173	45,784	51	7,002	84	33,003	22	11,050			1,255,660	2,338,628	89
9	2,711			28	4,316											13,124	26,018	90
25	21,746			589	107,834	8	2,150	10	1,250	14	4,400					434,845	751,073	91
4	1,248			3	2,000	1	300									10,825	16,495	92
2	716			10	4,138			3	156							22,497	31,625	93
1	520			5	1,869	1	420	2	300	1	280					2,820	8,960	94
26	12,746			177	47,433					2	389					63,726	173,020	95
4	1,321			9	2,296											2,952	9,710	96
5	3,311			16	6,026											1,612	24,036	97
34	13,277			108	21,986	2	800	1	52	15	4,325					80,142	157,545	98
26	14,660			371	131,157	4	870									277,227	529,795	99
12	5,189			59	11,493											34,104	78,420	100
11	4,558			66	7,780	2	300	4	500							19,108	49,301	101
23	15,132			103	48,692	2	1,040			10	4,938	1	360			170,164	275,449	102
11	5,908			272	111,375	1	200	2	100	8	2,031					37,996	105,123	103
50	66,469	2	960	820	364,021	3	1,488	2	360	8	5,758	2	890			1,156,093	1,762,161	104
18	8,470			20	6,525	1	120	2	240	2	410					98,733	136,340	105
7	1,906			153	43,522			1	50	2	300					129,959	226,901	106

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

TEXAS—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
107	Parker	76	$360,177	$246,990	$27,245	$55,075	$164,670	$113,187	$28,202	375	$155,178
108	Polk	21	668,461	456,806	125,085	63,975	267,746	211,655	35,684	727	264,650
109	Potter	6	8,120	3,255			3,255	4,865	1,735	10	4,977
110	Raine	5	11,200	11,200	615	2,900	7,685		269	7	1,924
111	Red River	75	153,072	121,039	26,244	19,275	75,520	32,033	7,283	253	49,499
112	Robertson	18	47,347	34,875	3,290	13,150	18,435	12,472	3,568	84	21,224
113	Rusk	61	124,496	88,391	10,258	19,995	58,138	36,105	5,920	236	49,027
114	Sabine	4	5,630	5,535	560	575	4,400	95	452	9	590
115	San Augustine	3	2,320	1,980	30	150	1,800	340	124	6	1,078
116	San Jacinto	13	28,975	19,785	4,935	4,125	10,725	9,190	647	31	7,893
117	San Saba	4	9,615	7,340	640	1,000	5,700	2,275	536	9	2,645
118	Scurry	4	3,160	850	50	150	650	2,310	477	5	2,174
119	Shackelford	4	30,332	23,865	1,465	6,700	15,700	6,467	2,087	12	5,115
120	Shelby	20	88,198	47,938	5,475	10,360	32,103	40,260	3,777	137	33,118
121	Smith	50	316,832	196,966	30,372	90,055	76,539	119,866	13,154	778	244,152
122	Tarrant	321	3,222,842	1,610,073	520,962	362,131	726,980	1,612,769	287,843	2,762	1,951,407
123	Taylor	32	162,931	95,508	24,900	26,600	44,008	67,423	14,456	191	97,224
124	Throckmorton	3	1,450	700	200	200	300	750	50	3	1,222
125	Titus	19	46,566	37,955	12,870	4,505	20,580	8,611	1,116	60	11,090
126	Tom Green	8	33,088	29,125	900	4,300	23,925	3,963	2,675	32	11,074
127	Travis	92	884,298	467,885	158,100	71,400	238,385	416,413	70,996	592	347,256
128	Tyler	21	909,481	668,385	122,510	50,525	495,350	241,096	31,861	735	237,628
129	Upshur	29	161,655	111,333	26,313	18,260	66,760	50,322	8,312	201	62,518
130	Valverde	10	11,355	8,300	2,850	3,300	2,150	3,055	1,003	22	9,129
131	Van Zandt	18	100,327	85,977	17,862	26,225	47,890	14,350	4,095	78	19,871
132	Victoria	11	51,527	33,140	5,480	12,095	15,565	18,387	4,028	36	14,780
133	Walker	4	13,415	9,260	60	1,100	8,100	4,155	997	61	9,730
134	Waller	16	34,666	26,556	4,256	7,200	15,100	8,110	1,851	54	7,422
135	Washington	57	452,115	318,995	58,840	86,580	173,575	133,120	30,773	265	111,653
136	Webb	52	147,764	87,800	23,000	21,090	43,710	59,964	11,259	220	84,404
137	Wichita	14	56,343	36,268	4,700	9,100	22,468	20,075	3,824	58	13,938
138	Wilbarger	9	38,545	25,535	2,010	2,600	20,925	13,010	3,844	22	11,012
139	Williamson	83	331,935	246,415	59,345	49,405	137,665	85,520	18,383	433	152,352
140	Wilson	20	57,160	52,240	8,185	13,275	30,780	4,920	3,486	77	21,528
141	Wise	55	128,627	86,020	9,170	23,270	53,580	42,607	7,508	262	57,217
142	Wood	60	191,090	153,010	50,260	24,745	78,065	38,980	6,091	260	51,338
143	Young	15	36,360	23,635	1,975	8,245	13,415	12,725	1,058	37	8,731
144	All other counties (a)	49	408,399	281,274	68,550	64,505	158,219	127,125	13,427	332	166,637

a Includes establishments distributed as follows: Carson, 1; Childress, 2; Coke, 1; Crosby, 1; Dimmit, 1; Edwards, 1; Fisher, 1; Fort Bend, 2; Hale, 1; Hall, 2; Hardeman, 1; Howard, 2; Irion, 2; Jackson, 1; Jasper, 1; Jeff Davis, 1; Jones, 1; Karnes, 1; Kendall, 1; Kinney, 2; Lasalle, 1; Lipscomb, 2; Maverick, 2; Midland, 1; Nolan, 1; Nueces, 2; Presidio, 1; Randall, 1; Reeves, 1; Roberts, 1; Rockwall, 1; Somervell, 1; Stephens, 1; Stonewall, 2; Trinity, 2; Uvalde, 2; Wharton, 1.

UTAH.

BY SPECIFIED INDUSTRIES.

1	All industries	531	6,683,022	3,603,045	1,281,296	838,690	1,483,059	2,979,077	455,968	4,980	2,715,805
2	Awnings, tents, and sails	4	19,250	4,400	3,000	200	1,200	14,850	3,088	14	5,638
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	47	79,642	53,965	38,730	5,210	10,025	25,677	8,522	130	94,967
4	Boots and shoes, custom work and repairing.	23	22,714	12,465	5,030	3,100	4,335	10,249	2,924	70	32,176
5	Bread and other bakery products	12	98,295	80,400	37,500	21,500	21,400	17,895	11,066	73	43,026
6	Brick and tile. (See also Clay and pottery products.)	40	279,147	158,925	82,780	12,485	63,660	120,222	27,601	758	232,458
7	Brooms and brushes	3	15,210	11,850	8,000	3,000	850	3,360	423	7	3,018
8	Carpentering	23	73,165	27,450	15,250	4,325	7,875	45,715	28,627	173	105,099
9	Cheese, butter, and condensed milk, factory product.	3	22,300	18,500	2,500	10,000	6,000	3,800	346	12	4,610
10	Clothing, men's, custom work and repairing.	16	114,810	66,620	34,250	28,550	3,820	48,190	6,961	106	67,549
11	Clothing, women's, dressmaking	35	30,043	14,750	7,700	4,350	2,700	15,893	3,904	93	25,585
12	Confectionery	5	69,879	18,750	4,000	2,000	12,750	51,129	7,542	80	40,811
13	Flouring and grist mill products	49	884,098	684,400	223,850	107,600	292,950	199,698	30,512	177	94,328
14	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	11	194,718	138,185	47,100	17,650	73,435	56,533	9,032	159	122,178
15	Furniture, cabinetmaking, repairing and upholstering.	9	103,600	66,950	34,250	27,700	5,000	36,650	9,334	73	42,474
16	Hosiery and knit goods. (See also Woolen goods.)	5	33,370	14,920	720	2,100	12,100	18,450	2,146	70	17,020

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

TEXAS—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecewerkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
48	$32,533	5	$1,224	268	$115,071	29	$3,800	19	$1,480	6	$1,070	.....	.....	.....	.....	$534,457	$904,513	107
24	18,530	1	250	659	233,215	.....	.....	.....	.....	43	12,655	.....	.....	.....	.....	529,734	990,302	108
5	2,792	.....	.....	5	2,185	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,287	13,945	109
2	590	.....	.....	5	1,334	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,550	18,560	110
40	13,386	1	250	210	35,243	2	620	.....	.....	.....	.....	.....	.....	.....	.....	108,336	192,593	111
6	2,725	.....	.....	72	17,074	.....	.....	6	1,425	.....	.....	.....	.....	.....	.....	13,932	52,077	112
41	13,352	.....	.....	180	31,207	1	40	2	60	12	4,368	.....	.....	.....	.....	63,910	139,069	113
.....	.....	.....	.....	9	590	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,144	5,785	114
1	468	.....	.....	5	610	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,880	7,136	115
11	3,016	.....	.....	20	4,877	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,075	32,302	116
2	1,144	.....	.....	7	1,501	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,861	8,377	117
3	1,164	.....	.....	2	1,010	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,682	5,185	118
3	1,520	.....	.....	9	3,595	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,952	36,500	119
7	3,050	.....	.....	117	24,460	2	416	3	200	8	4,992	.....	.....	.....	.....	59,507	125,593	120
56	27,398	1	416	406	190,826	16	5,952	41	3,720	138	12,340	120	$3,500	.....	.....	271,825	626,530	121
329	302,536	48	27,475	2,147	1,535,075	163	52,687	31	5,412	26	19,332	18	8,890	.....	.....	3,453,949	6,350,837	122
25	15,162	1	312	157	80,694	3	554	2	120	3	382	.....	.....	.....	.....	190,577	365,878	123
3	1,222	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	600	2,200	124
8	2,092	.....	.....	44	7,156	.....	.....	1	88	7	1,754	.....	.....	.....	.....	47,456	71,335	125
9	4,384	.....	.....	19	5,990	.....	.....	4	700	.....	.....	.....	.....	.....	.....	9,182	29,573	126
83	75,634	5	2,832	388	214,340	55	14,150	9	2,005	52	38,295	.....	.....	.....	.....	511,591	1,181,855	127
29	19,496	.....	.....	705	267,932	1	200	.....	.....	.....	.....	.....	.....	.....	.....	568,671	1,254,223	128
16	5,229	.....	.....	180	56,719	.....	.....	2	300	3	270	.....	.....	.....	.....	156,946	288,639	129
4	1,958	.....	.....	17	7,096	.....	.....	.....	.....	1	75	.....	.....	.....	.....	18,118	35,395	130
12	4,671	.....	.....	66	15,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37,685	101,853	131
3	1,550	1	200	29	12,130	1	300	.....	.....	2	600	.....	.....	.....	.....	22,512	52,788	132
1	900	.....	.....	59	8,770	.....	.....	1	60	.....	.....	.....	.....	.....	.....	6,115	21,440	133
6	1,469	.....	.....	47	5,933	.....	.....	1	20	.....	.....	.....	.....	.....	.....	12,899	28,569	134
31	24,923	1	240	221	84,344	5	674	1	52	6	1,420	.....	.....	.....	.....	179,518	488,146	135
31	19,052	1	416	161	58,408	12	2,450	4	742	11	3,336	.....	.....	.....	.....	83,503	277,050	136
6	2,826	.....	.....	52	11,112	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50,714	87,889	137
9	4,134	.....	.....	12	6,618	1	260	.....	.....	.....	.....	.....	.....	.....	.....	48,790	66,688	138
59	24,848	.....	.....	340	120,869	13	4,375	16	1,690	5	570	.....	.....	.....	.....	148,773	385,711	139
11	5,009	.....	.....	61	16,019	.....	.....	.....	.....	5	500	.....	.....	.....	.....	24,054	72,723	140
31	13,635	.....	.....	127	35,704	7	1,586	2	156	25	3,726	45	1,900	25	$510	118,405	244,253	141
35	10,405	.....	.....	211	39,923	1	300	.....	.....	1	10	8	600	4	100	137,981	229,961	142
15	4,984	.....	.....	22	3,747	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40,709	61,223	143
38	22,445	1	400	277	139,943	4	1,199	10	1,850	2	800	.....	.....	.....	.....	269,260	585,774	144

UTAH.

BY SPECIFIED INDUSTRIES.

576	504,635	55	19,905	3,383	1,871,258	417	113,368	185	25,581	294	170,056	68	9,749	22	1,253	4,252,030	8,911,047	1
3	1,854	.....	.....	4	2,060	4	1,224	1	150	1	50	1	300	.....	.....	15,885	32,600	2
50	40,684	.....	.....	77	53,257	.....	.....	1	50	2	976	.....	.....	.....	.....	43,699	188,554	3
18	10,682	2	655	18	8,628	2	150	2	145	27	11,716	1	200	.....	.....	24,021	67,636	4
10	9,760	3	930	43	27,490	14	4,378	3	468	.....	.....	.....	.....	.....	.....	90,834	177,390	5
30	16,101	.....	.....	638	199,450	.....	.....	63	7,275	24	9,092	.....	.....	3	540	66,551	421,658	6
1	275	.....	.....	4	2,243	.....	.....	2	500	.....	.....	.....	.....	.....	.....	2,602	8,395	7
28	18,328	.....	.....	137	84,090	.....	.....	1	156	7	2,525	.....	.....	.....	.....	131,641	296,157	8
1	500	.....	.....	11	4,110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,359	18,650	9
17	13,471	.....	.....	33	20,790	3	912	2	272	49	31,104	2	1,000	.....	.....	70,917	189,189	10
.....	.....	27	7,636	.....	.....	66	17,949	.....	.....	.....	.....	.....	.....	.....	.....	47,215	90,746	11
10	5,800	3	1,148	36	24,475	22	7,876	7	872	2	640	.....	.....	.....	.....	100,395	222,990	12
44	29,043	.....	.....	129	64,710	.....	.....	.....	.....	4	575	.....	.....	.....	.....	1,160,641	1,468,081	13
11	11,535	.....	.....	148	110,643	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100,450	260,237	14
11	10,180	.....	.....	53	28,251	3	863	.....	.....	6	3,180	.....	.....	.....	.....	32,474	101,618	15
5	3,070	.....	.....	.....	.....	60	13,200	5	750	.....	.....	.....	.....	.....	.....	25,475	53,560	16

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY UTAH—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
17	Leather, tanned and curried	4	$50,820	$26,800	$9,600	$7,700	$9,500	$24,020	$1,297	24	$16,446
18	Lime and cement	5	22,375	13,225	5,050	3,200	4,975	9,150	1,146	24	11,392
19	Liquors, malt	5	150,500	126,300	64,500	45,000	16,800	24,200	15,011	46	25,685
20	Lock and gun smithing	3	9,165	6,875	3,250	650	2,975	2,290	587	8	7,356
21	Looking-glass and picture frames	3	7,845	600	.....	.....	600	7,245	336	12	9,574
22	Lumber and other mill products from logs or bolts.	30	196,983	90,073	10,930	11,020	68,123	106,910	8,542	228	61,756
23	Lumber, planing mill products, including sash, doors, and blinds. (See also Wood, turned and carved.)	16	652,996	182,650	54,000	40,500	88,150	470,346	16,838	302	240,436
24	Marble and stone work. (See also Monuments and tombstones.)	4	15,400	7,650	3,100	650	3,900	7,750	406	39	29,970
25	Masonry, brick and stone. (See also Plastering and stuccowork.)	11	21,705	7,705	2,500	2,000	3,265	14,000	1,736	138	84,560
26	Millinery, custom work	14	67,547	15,550	6,500	3,250	800	51,997	14,234	59	24,652
27	Mineral and soda waters	6	115,050	93,950	46,250	25,500	22,200	21,100	3,937	66	31,599
28	Monuments and tombstones. (See also Marble and stone work.)	4	6,155	1,160	450	200	510	4,995	752	15	8,888
29	Painting and paper hanging	5	13,100	3,700	500	500	2,700	9,400	4,463	58	60,982
30	Plumbing and gas fitting	8	137,175	30,950	5,000	15,000	10,950	106,225	9,239	139	112,322
31	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	16	137,306	90,500	11,000	17,300	62,200	46,806	8,910	107	76,552
32	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	21	537,098	223,568	54,200	24,600	144,768	313,530	110,133	378	279,277
33	Saddlery and harness	17	135,030	66,430	30,550	31,600	4,280	68,600	7,107	88	55,896
34	Salt	9	238,136	166,981	105,681	32,950	28,350	71,155	13,761	180	53,858
35	Slaughtering, wholesale, not including meat packing.	4	302,134	90,950	60,900	20,300	9,750	211,184	16,096	74	60,754
36	Tinsmithing, coppersmithing, and sheet-iron working.	9	91,965	57,950	40,000	10,300	7,650	33,955	5,257	70	57,402
37	Tobacco, cigars and cigarettes	6	62,833	1,864	.....	.....	1,864	60,969	11,807	59	44,837
38	Trunks and valises	3	5,950	1,400	.....	500	900	4,550	2,335	16	9,249
39	Woolen goods. (See also Hosiery and knit goods.)	9	579,209	282,125	31,625	83,500	167,000	297,084	27,155	274	104,156
40	All other industries (a)	46	985,704	641,559	191,050	147,700	302,809	344,205	21,950	581	317,269

a Embraces baking and yeast powders, 1; bookbinding and blank-book making, 1; boots and shoes, factory product, 2; carriage and wagon materials, 1; carriages and wagons, including custom work and repairing, 2; cars and general shop construction and repairs by steam railroad companies, 2; clay and pottery products, 1; coffins and burial cases, trimming and finishing, 1; coffins, burial cases, and undertakers' goods, 1; coke, 1; dentistry, mechanical, 2; dyeing and cleaning, 1; fancy articles, not elsewhere specified, 1; fertilizers, 1; fruits and vegetables, canning and preserving, 2; gas, illuminating and heating, 1; ironwork, architectural and

BY COUNTIES.

[No manufactures reported from Grand and San Juan counties.]

1	The Territory	531	6,583,022	3,603,045	1,281,296	838,690	1,483,059	2,979,977	455,968	4,980	2,715,805
2	Beaver	5	50,750	33,750	1,050	18,500	14,200	17,000	3,427	56	26,194
3	Boxelder	10	101,546	65,625	7,210	27,075	31,340	35,921	2,453	157	108,941
4	Cache	97	521,875	343,100	132,775	111,185	99,140	178,775	20,714	430	200,474
5	Davis	17	173,528	113,531	48,881	14,250	50,400	59,997	6,275	270	83,452
6	Garfield	3	4,200	3,900	100	1,100	2,700	300	113	6	825
7	Iron	5	11,700	10,200	1,000	4,000	5,200	1,500	517	14	3,870
8	Juab	4	61,400	33,150	6,000	4,000	23,150	28,250	3,808	46	30,638
9	Millard	3	6,785	5,760	160	2,550	3,050	1,025	441	5	1,912
10	Morgan	7	13,525	9,475	2,700	2,675	4,100	4,050	479	15	4,212
11	Rich	4	14,950	13,400	900	5,800	6,700	1,550	647	17	3,290
12	Salt Lake	192	3,625,745	1,784,222	559,525	452,300	772,397	1,841,523	315,162	2,564	1,558,558
13	Sanpete	7	16,098	11,900	900	2,400	8,600	4,198	1,556	35	7,727
14	Sevier	8	36,505	27,575	3,750	5,250	18,575	2,930	1,545	20	7,421
15	Summit	7	113,333	47,683	4,340	7,320	36,023	65,650	4,615	35	23,186
16	Tooele	4	12,950	11,350	5,100	2,250	4,000	1,600	82	11	1,920
17	Utah	36	539,494	240,960	60,875	61,300	124,785	292,534	22,163	311	127,132
18	Wasatch	4	13,150	10,450	2,050	2,400	6,000	2,700	1,165	20	6,000
19	Weber	109	1,176,634	769,560	442,130	112,485	214,945	407,074	65,003	891	511,315
20	All other counties (a)	9	94,854	61,454	1,850	1,850	57,754	33,400	5,713	83	14,733

a Includes establishments distributed as follows: Emery, 2; Kane, 2; Pinte, 2; Uinta, 1; Washington, 2.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

UTAH—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1	$416			23	$16,030											$38,277	$78,789	17
2	707			22	10,685											6,200	22,800	18
7	6,810			39	18,675											37,206	113,531	19
4	3,880			2	1,820			1	$156	1	$1,500					2,935	14,550	20
2	1,820			10	7,754											8,850	20,158	21
17	10,175			209	51,506	1	$15			1	60					126,932	234,820	22
35	49,946			257	185,302			4	988	6	4,200					353,374	753,350	23
1	600			38	29,370											17,247	53,681	24
14	10,410			122	73,400					2	750					116,305	224,919	25
1	780	17	$7,796	2	650	38	15,276	1	150							67,865	153,580	26
11	8,872			45	21,462	1	390	9	875							35,898	95,370	27
4	3,088			11	5,800											3,396	15,378	28
9	12,400			48	48,182					1	400					15,302	91,539	29
18	20,444			118	91,098	2	520	1	260							189,174	370,615	30
21	25,224			56	43,898	14	4,628	16	2,802							30,379	142,818	31
54	61,106	1	500	179	142,828	44	13,679	41	6,792	54	52,411	5	$1,961			113,953	591,805	32
18	12,296			65	40,736			1	364	4	2,500					82,143	150,392	33
8	4,433			166	47,475					4	1,872			2	$78	5,672	144,300	34
12	14,770			61	45,840			1	144							457,064	545,200	35
19	20,750	1	1,040	44	34,580			6	1,032							76,633	164,089	36
2	1,616			4	2,475	1	350	1	156	41	36,280	10	3,960			45,637	113,097	37
5	3,510			9	5,262	1	237	1	240							8,200	30,400	38
15	13,505			150	66,434	95	23,383	14	834							163,864	338,534	39
57	45,794	1	200	352	249,599	46	8,338	1	150	58	10,225	49	2,328	17	635	323,365	849,271	40
576	504,635	55	19,905	3,363	1,871,258	417	113,368	185	25,581	294	170,056	68	9,749	22	1,253	4,252,030	8,911,047	1
6	2,974			30	13,850	10	2,920	4	450							25,220	50,098	2
12	7,950			134	98,216			1	75	9	2,500	1	200			128,166	254,158	3
95	64,688	22	5,506	259	110,620	14	2,465	7	625	33	16,570					451,009	763,161	4
9	2,986			234	74,662			18	2,374	9	3,430					45,939	176,903	5
2	175			4	650											4,961	6,750	6
1	650			12	3,205	1	15									25,141	36,732	7
7	15,525			34	13,870	2	960	3	288							106,651	160,670	8
2	1,100			3	812											14,937	19,106	9
				13	4,062			2	150							11,773	19,600	10
2	225			15	3,065											9,430	14,550	11
294	292,719	22	8,098	1,785	1,094,390	254	72,461	104	15,212	89	70,393	14	5,207	2	78	2,169,308	4,968,452	12
4	2,824			25	3,928	3	900			3	75					37,674	53,250	13
8	3,361			12	4,060											74,370	97,065	14
9	10,110			26	13,076											49,793	86,340	15
2	320			9	1,600											8,965	17,210	16
25	19,078	3	1,190	183	83,979	40	9,857	5	381	53	11,453	2	1,194			224,064	448,556	17
2	1,800			18	4,200											26,755	37,800	18
90	75,426	8	5,111	515	333,201	76	21,881	33	5,738	98	65,635	51	3,148	20	1,175	801,208	1,641,147	19
6	2,724			52	9,812	17	1,909	8	288							36,636	59,498	20

ornamental, 2; lithographing and engraving, 1; malt, 1; paper, 1; patent medicines and compounds, 1; paving and paving materials, 1; photography, 2; plastering and stuccowork, 2; show cases, 2; soap and candles, 2; timber products, not manufactured at mill, 2; watch, clock, and jewelry repairing, 1; wood, turned and carved, 1.

BY COUNTIES.

[No manufactures reported from Grand and San Juan counties.]

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

VERMONT.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	3,031	$32,763,291	$16,825,322	$3,606,967	$4,995,066	$8,223,289	$15,937,969	$2,188,826	24,894	$10,096,549
2	Agricultural implements	19	645,686	199,600	42,300	68,300	89,000	446,086	28,041	352	180,186
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	432	397,989	248,426	47,161	120,395	80,870	149,563	19,630	569	252,689
4	Bookbinding and blank-book making. (See also Printing and publishing.)	3	12,959	8,250	.....	.....	8,250	4,700	841	22	7,550
5	Boots and shoes, custom work and repairing.	74	40,010	23,292	4,920	9,072	9,300	16,718	4,506	91	38,290
6	Boots and shoes, factory product	7	348,827	48,359	3,650	14,500	30,209	300,468	32,450	239	107,390
7	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	17	282,452	60,112	2,850	14,300	42,962	222,340	17,437	238	90,194
8	Bread and other bakery products	16	239,035	123,300	28,300	61,300	33,700	115,735	18,809	110	70,436
9	Brick and tile. (See also Clay and pottery products.)	16	86,575	45,775	22,700	10,925	12,150	40,800	3,086	197	34,973
10	Carpentering	76	311,223	122,915	26,835	51,275	44,805	188,308	12,207	544	314,166
11	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	73	391,764	180,765	49,485	89,380	41,900	210,999	12,453	249	131,735
12	Cars and general shop construction and repairs by steam railroad companies.	8	634,729	453,000	45,250	166,500	241,250	81,729	.....	290	157,573
13	Cheese, butter, and condensed milk, factory product.	123	367,353	268,257	16,290	122,085	129,882	99,096	14,947	310	95,972
14	Clay and pottery products. (See also Brick and tile.)	4	53,340	38,000	13,750	18,700	6,550	15,340	2,853	29	13,502
15	Clothing, men's, custom work and repairing.	35	177,138	62,985	22,900	32,000	7,485	114,153	11,202	265	115,150
16	Clothing, women's, dressmaking	51	18,158	10,691	1,650	4,200	4,841	7,467	5,221	199	52,621
17	Coffins and burial cases, trimming and finishing.	6	10,525	5,400	600	3,200	1,600	5,125	345	8	3,434
18	Confectionery	7	54,630	20,075	2,125	11,000	6,950	34,555	8,786	62	25,767
19	Cotton goods. (See also Hosiery and knit goods.)	6	1,431,986	1,026,200	125,621	332,870	567,709	405,786	59,893	737	220,742
20	Dentistry, mechanical	30	29,869	14,985	.....	.....	14,985	14,884	3,434	33	17,347
21	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	15	90,105	25,700	5,075	15,075	5,550	64,405	13,672	48	28,020
22	Flouring and grist mill products	217	1,343,356	904,719	151,285	393,210	360,244	438,637	49,906	405	162,966
23	Foundry and machine shop products	61	1,398,576	675,406	116,125	191,400	367,881	723,170	60,810	795	428,736
24	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	25	96,930	36,305	9,480	18,150	8,675	60,625	7,169	64	38,425
25	Furniture, chairs	13	264,211	132,833	19,675	66,137	47,021	131,378	28,733	351	112,979
26	Furniture, factory product	8	190,050	80,300	11,800	27,700	40,800	109,750	14,117	134	62,643
27	Gas, illuminating and heating	8	390,116	367,512	22,100	56,000	289,412	22,604	10,666	26	14,515
28	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	4	35,000	14,150	5,000	3,000	6,150	20,850	1,636	38	19,612
29	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	10	754,882	204,556	9,400	31,000	164,156	550,326	63,188	718	269,844
30	Leather tanned and curried	17	266,640	104,950	16,050	52,750	36,150	161,690	15,377	160	80,124
31	Lime and cement	14	180,254	124,999	53,075	36,775	35,149	55,255	7,864	171	65,376
32	Lock and gun smithing	5	2,553	2,070	70	375	1,625	483	483	6	2,354
33	Looking-glass and picture frames	9	21,006	3,087	.....	.....	3,087	17,919	1,710	19	10,399
34	Lumber and other mill products from logs or bolts.	736	7,615,495	4,643,270	1,776,135	834,627	2,032,508	2,972,225	281,835	6,381	1,699,847
35	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	31	1,050,757	422,919	90,950	191,500	140,469	627,838	56,403	679	312,696
36	Mantels, slate, marble, and marbleized	9	154,708	54,900	24,400	16,700	13,800	99,808	6,975	170	83,006
37	Marble and stone work. (See also Monuments and tombstones.)	48	993,236	434,818	71,200	134,400	229,218	558,418	102,907	1,437	767,495
38	Masonry, brick and stone. (See also Plastering and stuccowork.)	19	30,808	23,210	16,000	3,900	3,310	7,598	1,458	151	73,442
39	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	4	5,735	550	.....	.....	550	5,185	1,504	10	4,558
40	Millinery, custom work	65	105,491	23,476	7,070	10,550	5,856	82,015	13,786	168	59,374
41	Mineral and soda waters	8	35,655	19,375	4,400	5,400	9,575	16,280	2,206	43	19,017

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

VERMONT.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2,629	$1,605,435	146	$63,561	17,795	$7,139,505	2,145	$626,679	343	$52,152	1,190	$447,570	600	$157,477	46	$4,170	$20,433,174	$38,340,066	1
39	37,826	2	758	254	119,439	.....	.....	4	880	50	20,472	3	811	.....	.....	273,204	593,648	2
349	156,516	.....	.....	218	95,598	.....	.....	.....	.....	2	575	.....	.....	.....	.....	151,713	546,640	3
3	1,974	.....	.....	9	3,046	2	450	.....	.....	.....	.....	8	2,080	.....	.....	2,665	16,000	4
57	23,659	1	300	30	12,711	.....	.....	.....	.....	3	1,620	.....	.....	.....	.....	28,513	83,561	5
11	12,324	1	300	125	63,687	73	23,262	10	1,560	16	5,807	3	450	.....	.....	346,557	529,486	6
9	8,196	.....	.....	201	78,046	1	100	24	3,552	.....	.....	3	300	.....	.....	220,961	418,608	7
34	35,734	5	1,750	62	30,468	8	2,328	1	156	.....	.....	.....	.....	.....	.....	165,377	330,847	8
7	2,517	.....	.....	184	32,006	.....	.....	6	450	.....	.....	.....	.....	.....	.....	17,008	89,991	9
79	56,602	.....	.....	444	252,272	9	2,418	2	374	10	2,500	.....	.....	.....	.....	403,176	843,795	10
43	26,016	.....	.....	193	99,369	.....	.....	1	25	11	6,073	1	252	.....	.....	134,889	345,709	11
.....	.....	.....	.....	287	156,493	.....	.....	.....	.....	3	1,080	.....	.....	.....	.....	153,973	311,549	12
47	18,569	.....	.....	244	74,796	18	2,557	1	50	.....	.....	.....	.....	.....	.....	1,387,445	1,602,641	13
3	1,350	1	400	18	7,512	.....	.....	.....	.....	7	4,240	.....	.....	.....	.....	7,527	29,048	14
32	21,896	.....	.....	71	43,773	74	23,570	.....	.....	7	6,330	77	18,621	4	960	140,298	324,921	15
.....	.....	41	18,377	.....	.....	154	34,063	1	25	.....	.....	3	156	.....	.....	20,329	93,094	16
2	1,224	.....	.....	6	2,210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,214	12,955	17
15	10,514	3	702	21	8,459	14	2,280	.....	.....	7	3,492	2	320	.....	.....	50,313	104,520	18
13	16,204	.....	.....	320	120,071	304	68,384	87	12,133	5	2,050	5	1,750	3	150	542,965	914,685	19
30	15,582	.....	.....	2	725	1	1,040	.....	.....	.....	.....	.....	.....	.....	.....	8,029	30,032	20
26	20,440	.....	.....	15	5,575	4	1,225	.....	.....	.....	.....	3	780	.....	.....	44,150	113,674	21
153	67,099	1	182	249	95,235	1	250	.....	.....	1	200	.....	.....	.....	.....	2,452,944	2,890,174	22
61	59,422	1	300	716	365,252	4	1,300	6	1,042	5	1,210	.....	.....	2	210	438,953	1,199,067	23
26	19,372	.....	.....	37	18,853	1	200	.....	.....	.....	.....	.....	.....	.....	.....	74,792	145,346	24
13	8,030	2	550	176	67,338	2	379	.....	.....	88	30,638	40	4,344	30	1,700	167,439	347,880	25
10	8,054	.....	.....	119	53,341	.....	.....	5	1,248	.....	.....	.....	.....	.....	.....	83,835	183,842	26
7	4,486	.....	.....	19	10,029	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,223	81,050	27
5	3,600	.....	.....	29	15,412	.....	.....	4	660	.....	.....	.....	.....	.....	.....	24,995	70,698	28
13	13,759	.....	.....	253	109,334	292	92,555	5	980	9	2,764	146	50,452	.....	.....	649,004	1,105,958	29
14	15,509	.....	.....	140	64,615	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	416,747	592,093	30
5	3,588	.....	.....	155	55,788	.....	.....	.....	.....	11	6,000	.....	.....	.....	.....	108,486	261,275	31
5	2,004	.....	.....	1	350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	886	4,749	32
10	6,388	2	368	7	3,643	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,870	36,585	33
626	234,180	2	900	5,493	1,403,577	48	7,815	51	7,010	152	44,905	3	460	6	1,000	3,823,608	6,843,817	34
51	42,212	.....	.....	581	261,580	.....	.....	42	7,704	5	1,200	.....	.....	.....	.....	1,354,214	1,868,760	35
12	9,550	.....	.....	147	66,956	.....	.....	.....	.....	11	6,500	.....	.....	.....	.....	73,084	211,282	36
79	90,898	5	2,280	1,253	624,972	1	225	10	2,000	89	47,120	.....	.....	.....	.....	582,202	1,656,637	37
18	11,046	.....	.....	133	62,396	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58,978	146,137	38
2	756	.....	.....	7	3,702	.....	.....	.....	.....	1	100	.....	.....	.....	.....	13,819	21,860	39
2	1,112	57	26,293	8	1,974	101	29,995	.....	.....	.....	.....	.....	.....	.....	.....	111,781	220,769	40
12	6,635	.....	.....	30	12,182	1	200	.....	.....	.....	.....	.....	.....	.....	.....	21,988	57,709	41

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

VERMONT—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
42	Monuments and tombstones. (See also Marble and stone work.)	96	$650,513	$201,461	$63,160	$46,275	$92,026	$449,052	$59,552	1,205	$793,927
43	Musical instruments, organs and materials. (See also Musical instruments, pianos and materials.)	3	1,525,926	197,461	5,000	90,000	102,461	1,328,465	102,075	516	260,238
44	Painting and paper hanging	25	10,925	3,405	250	1,250	1,905	7,520	1,398	90	38,120
45	Paints. (See also Chemicals.)	5	33,976	19,200	3,800	6,200	9,200	14,776	1,579	38	10,468
46	Paper. (See also Pulp, wood.)	14	2,977,111	2,062,500	160,500	586,000	1,316,000	914,611	224,705	970	471,589
47	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	13	413,660	123,650	17,625	87,600	18,425	290,010	323,837	205	104,567
48	Photography	22	37,310	27,150	300	1,000	25,850	10,160	6,026	51	26,443
49	Pickles, preserves, and sauces	7	13,445	9,075	525	900	7,650	4,370	1,633	32	3,683
50	Plastering and stuccowork. (See also Masonry, brick and stone.)	6	1,152	957	250	600	107	195	157	21	7,928
51	Plumbing and gas fitting	16	142,257	42,760	15,500	16,200	11,060	99,497	6,391	101	63,060
52	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	23	105,875	76,050	50	600	75,400	29,825	13,130	117	58,980
53	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	55	455,393	283,678	21,535	47,900	214,243	171,715	55,691	403	208,694
54	Pulp, wood	7	174,800	135,600	18,700	35,800	81,100	39,200	11,037	125	48,666
55	Saddlery and harness	87	111,563	35,700	5,800	17,130	12,770	75,863	9,908	123	51,637
56	Shipbuilding	3	8,950	4,550	900	2,300	1,350	4,400	153	14	4,572
57	Soap and candles. (See also Grease and tallow.)	6	29,975	19,150	1,800	9,200	8,150	10,825	2,754	15	6,572
58	Timber products, not manufactured at mill.	43	174,379	104,645	83,110	.....	21,535	69,734	12,633	311	39,699
59	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	69	195,891	84,800	16,985	33,650	34,165	111,091	12,438	180	83,512
60	Tobacco, cigars and cigarettes	14	62,298	2,385	180	500	1,705	59,913	11,751	78	49,620
61	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	3	17,589	7,189	200	800	6,189	10,400	1,026	23	15,789
62	Toys and games	6	132,350	60,000	10,800	31,200	18,000	72,350	8,342	155	60,462
63	Vinegar and cider	10	7,985	6,735	300	2,510	3,925	1,250	603	23	1,715
64	Washing machines and clothes wringers	3	35,344	2,593	50	300	2,243	32,751	1,682	10	4,948
65	Watch, clock, and jewelry repairing	17	12,965	7,400	.....	.....	7,400	5,565	2,274	27	13,012
66	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	28	235,793	115,167	17,225	30,325	67,617	120,626	23,062	255	95,103
67	Woodenware, not elsewhere specified	24	60,445	36,730	4,480	11,500	20,750	23,715	2,606	95	32,857
68	Woolen goods. (See also Hosiery and knit goods.)	29	3,304,382	1,268,110	158,285	505,625	604,200	2,036,272	178,385	1,585	625,440
69	All other industries (a)	71	1,371,236	627,729	134,000	210,450	283,279	743,507	115,552	1,608	670,103

a Embraces awnings, tents, and sails, 2; baskets and rattan and willow ware, 2; billiard tables and materials, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 1; brooms and brushes, 2; carriage and wagon materials, 2; carriages and sleds, children's, 1; cheese and butter, urban dairy product, 1; chemicals, 1, clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 2; cooperage, 1; cutlery and edge tools, 2; dyeing and cleaning, 2; electroplating, 1; emery wheels, 1; fancy articles, not elsewhere specified, 2; fertilizers, 1; files, 1; food preparations, 1; fur goods, 1; furnishing goods, men's, 2; grease and tallow, 1; hardware, saddlery, 1; hones and whetstones, 2; kaolin and other earth grinding, 2; lard, refined, 1;

BY COUNTIES.

1	The State	3,031	32,763,291	16,825,322	3,606,967	4,995,066	8,223,289	15,937,969	2,188,826	24,894	10,096,549
2	Addison	149	840,124	517,605	131,635	161,610	224,360	322,519	42,777	794	262,318
3	Bennington	193	3,192,209	1,912,193	363,701	613,757	934,735	1,280,016	159,054	2,352	861,665
4	Caledonia	159	1,696,665	1,079,606	327,825	268,425	483,356	617,059	54,701	1,058	407,099
5	Chittenden	284	5,713,443	2,495,192	426,925	857,110	1,211,157	3,218,251	623,969	3,541	1,472,944
6	Essex	45	1,478,362	913,952	422,860	133,647	357,445	564,410	64,225	902	272,088
7	Franklin	181	1,471,131	806,011	135,591	254,420	416,000	665,120	74,154	1,182	405,185
8	Grand Isle	10	9,464	5,464	605	2,032	2,827	4,000	240	10	3,080
9	Lamoille	142	911,253	479,245	152,805	93,400	233,040	432,008	37,854	899	226,058
10	Orange	157	760,092	426,349	77,872	130,410	218,067	333,743	37,893	685	232,648
11	Orleans	184	1,636,269	797,714	222,890	197,355	377,469	838,555	56,182	1,142	381,737
12	Rutland	464	3,722,772	1,937,640	483,305	667,195	787,140	1,785,132	275,129	4,075	1,787,723
13	Washington	389	2,538,609	1,209,654	394,520	331,305	483,829	1,328,955	130,027	3,015	1,545,489
14	Windham	331	4,941,041	2,162,035	200,430	651,735	1,309,870	2,779,006	402,165	2,754	1,254,332
15	Windsor	343	3,851,857	2,082,662	266,003	632,065	1,183,994	1,769,195	230,456	2,485	984,183

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

VERMONT—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecoworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
109	$95,487	1	$200	1,095	$698,240	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$343,680	$1,492,384	42
11	15,160	2	1,500	198	114,022	2	$876	.....	.....	275	$118,757	28	$9,923	.....	.....	397,203	794,346	43
27	12,666	.....	.....	63	25,454	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,481	63,460	44
7	2,412	.....	.....	29	7,795	.....	.....	.....	.....	2	261	.....	.....	.....	.....	7,112	21,698	45
22	24,110	.....	.....	886	430,647	62	16,832	.....	.....	.....	.....	.....	.....	.....	.....	1,208,412	2,289,901	46
46	40,527	2	1,200	80	36,510	15	3,616	.....	.....	.....	.....	62	22,714	.....	.....	276,494	777,111	47
21	15,459	.....	.....	20	7,256	9	3,128	.....	.....	.....	.....	1	600	.....	.....	15,012	65,048	48
7	572	.....	.....	24	2,986	1	125	.....	.....	.....	.....	.....	.....	.....	.....	7,754	16,665	49
6	3,375	.....	.....	15	4,553	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,845	12,959	50
23	20,238	1	624	77	42,198	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	98,608	207,827	51
21	14,202	1	300	70	37,110	9	2,725	4	$606	4	1,500	8	2,537	.....	.....	54,226	165,772	52
56	47,688	9	3,900	198	104,989	55	18,381	20	2,247	30	18,306	35	13,183	.....	.....	120,838	461,796	53
8	8,616	.....	.....	87	36,300	.....	.....	.....	.....	30	3,750	.....	.....	.....	.....	72,310	159,148	54
55	22,986	.....	.....	63	27,013	1	50	.....	.....	3	1,248	1	340	.....	.....	73,451	162,849	55
2	312	.....	.....	12	4,260	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,859	8,289	56
4	2,600	.....	.....	11	3,972	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,221	27,657	57
10	2,690	.....	.....	162	19,972	.....	.....	.....	.....	136	16,967	3	70	.....	.....	31,062	114,857	58
49	24,480	.....	.....	116	56,509	1	250	1	75	3	1,848	10	350	.....	.....	114,081	254,821	59
14	12,320	.....	.....	22	12,013	1	50	.....	.....	34	23,406	7	1,831	.....	.....	40,488	117,717	60
2	2,080	.....	.....	18	13,397	3	312	.....	.....	.....	.....	.....	.....	.....	.....	6,943	27,000	61
5	5,050	.....	.....	131	47,672	13	3,060	.....	.....	6	4,680	.....	.....	.....	.....	57,236	148,180	62
7	701	.....	.....	16	1,014	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,980	9,704	63
4	2,988	1	341	5	1,619	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,356	25,608	64
11	5,587	.....	.....	16	7,425	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,715	25,950	65
20	13,239	.....	.....	199	71,185	4	960	7	1,680	16	5,759	9	2,280	.....	.....	114,742	289,272	66
16	7,786	.....	.....	76	24,246	.....	.....	.....	.....	3	825	.....	.....	.....	.....	23,669	82,195	67
44	42,475	.....	.....	893	383,364	575	181,466	36	5,152	10	4,695	26	8,138	1	$150	1,435,163	2,723,683	68
99	84,786	5	2,036	950	414,999	281	100,252	15	2,603	145	56,692	113	14,735	.....	.....	1,361,976	2,507,137	69

lasts, 1; musical instruments, pianos and materials, 2; needles and pins, 1; oil, essential, 1; paper goods, not elsewhere specified, 1; paving and paving materials, 2; perfumery and cosmetics, 2; plumbers' supplies, 1; pumps, not including steam pumps, 2; refrigerators, 1; roofing and roofing materials, 2; scales and balances, 1; sewing machines and attachments, 1; shirts, 2; shoddy, 1; slaughtering, wholesale, not including meat packing, 1; sporting goods, 2; starch, 2; steam packing, 1; sugar and molasses, refining, 1; wirework, including wire rope and cable, 2.

BY COUNTIES.

2,629	1,605,435	146	63,561	17,795	7,139,505	2,145	626,679	243	52,152	1,190	447,570	600	157,477	46	4,170	20,433,174	38,340,066	1
130	58,314	.....	.....	555	186,628	19	4,914	8	1,232	82	11,230	.....	.....	.....	.....	646,608	1,075,640	2
137	80,412	1	400	1,447	548,177	449	140,357	57	9,116	80	29,552	161	52,471	20	1,200	1,845,354	3,338,568	3
95	63,106	3	1,100	881	319,002	6	1,856	4	650	40	14,640	29	6,745	.....	.....	854,645	1,595,890	4
353	271,924	31	13,512	2,279	957,788	537	133,197	149	22,416	85	42,173	105	31,634	2	300	3,784,132	6,542,345	5
36	20,013	1	500	817	243,340	4	490	10	800	33	6,685	1	260	.....	.....	838,369	1,377,936	6
158	73,723	1	300	861	291,638	58	10,433	16	2,050	40	17,425	48	9,616	.....	.....	1,148,446	1,944,302	7
7	2,172	1	208	2	700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,309	15,012	8
90	34,781	1	300	746	177,147	5	1,000	.....	.....	57	12,830	.....	.....	.....	.....	618,021	1,072,211	9
93	42,087	1	624	545	180,330	17	3,851	2	400	13	4,150	14	1,200	.....	.....	570,634	1,087,763	10
127	62,472	1	400	939	297,075	23	5,000	10	1,800	36	13,178	6	1,812	.....	.....	1,007,417	1,709,118	11
438	303,445	45	20,098	2,945	1,259,535	326	113,406	43	6,205	183	76,605	85	7,929	10	500	3,139,968	5,852,318	12
348	252,471	30	12,436	2,322	1,189,665	119	28,338	.....	.....	133	43,681	57	17,728	6	1,170	1,496,433	3,876,301	13
327	189,315	19	9,186	1,789	821,286	186	57,756	20	3,440	331	148,514	82	24,835	.....	.....	2,350,052	4,788,320	14
290	151,200	11	4,497	1,667	667,188	396	126,081	24	4,043	77	26,927	12	3,247	8	1,000	2,123,786	4,064,342	15

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

VIRGINIA.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	5,915	$63,456,799	$34,962,393	$7,041,581	$9,572,702	$18,348,110	$28,494,406	$7,421,087	59,591	$19,644,850
2	Agricultural implements	19	684,454	226,529	43,700	65,500	117,329	457,925	35,183	489	243,023
3	Awnings, tents, and sails	7	4,562	495			495	4,067	830	25	14,482
4	Bicycle and tricycle repairing	3	2,950	1,000			1,000	1,950	500	9	4,132
5	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	617	368,619	180,143	51,462	73,149	55,532	188,476	24,508	906	311,232
6	Bookbinding and blank-book making. (See also Printing and publishing.)	4	123,320	32,400			32,400	90,920	12,864	82	47,939
7	Boots and shoes, custom work and repairing.	327	130,088	79,647	24,241	35,975	19,431	50,441	21,822	533	188,774
8	Boots and shoes, factory product	7	501,661	109,838	12,100	18,500	79,238	391,823	83,682	272	139,888
9	Bottling. (See also Mineral and soda waters.)	9	62,105	39,955	18,050	12,900	8,405	22,150	5,360	59	29,433
10	Boxes, cigar	3	2,050	1,060	225	325	510	990	161	10	2,497
11	Boxes, fancy and paper	5	201,970	123,000	9,950	63,500	49,550	78,970	4,945	427	104,025
12	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	19	229,227	80,035	16,550	29,850	33,635	149,192	18,969	278	120,024
13	Bread and other bakery products	76	391,320	261,805	85,075	106,950	69,780	129,515	39,270	488	210,053
14	Brick and tile. (See also Clay and pottery products.)	88	1,547,617	970,765	455,005	140,580	375,180	576,852	46,615	2,441	607,211
15	Brooms and brushes	6	40,049	9,835	50	100	9,685	30,214	6,691	161	34,948
16	Carpentering	256	1,341,244	268,284	102,715	72,990	92,579	1,072,960	52,095	2,156	1,126,297
17	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	152	742,526	292,527	97,732	122,320	72,475	449,999	37,265	776	329,718
18	Cars and general shop construction and repairs by steam railroad companies.	8	583,022	454,377	74,955	218,901	160,521	128,645		1,665	846,984
19	Cheese, butter, and condensed milk, factory product.	12	47,575	41,115	3,900	16,515	20,700	6,460	808	44	13,033
20	China, decorating. (See also Clay and pottery products.)	3	1,910	170			170	1,740	246	3	1,656
21	Clay and pottery products. (See also Brick and tile.)	10	13,170	7,075	1,950	3,200	1,925	6,095	904	39	7,919
22	Clothing, men's, custom work and repairing.	117	443,807	70,107	28,220	27,580	14,307	373,700	33,557	705	313,757
23	Clothing, men's, factory product	7	49,630	10,840	3,200	7,400	240	38,790	1,883	110	24,108
24	Clothing, women's, dressmaking	191	110,158	70,012	23,560	33,500	12,952	40,146	20,976	592	128,893
25	Clothing, women's, factory product	3	13,875	3,250	500	1,600	1,150	10,625	1,485	24	6,788
26	Coffins and burial cases, trimming and finishing.	52	137,022	84,554	35,670	39,515	9,369	52,468	4,853	101	36,293
27	Confectionery	48	213,463	120,095	35,600	47,900	37,195	92,768	20,042	236	84,501
28	Cooperage	50	87,384	30,470	16,585	10,215	3,670	56,914	8,522	289	83,385
29	Cotton goods. (See also Hosiery and knit goods.)	9	2,966,889	2,253,693	194,000	393,953	1,665,740	713,196	102,565	2,019	406,824
30	Dentistry, mechanical	37	44,367	30,895	12,050	8,050	10,795	13,472	5,168	47	20,676
31	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	22	55,036	38,523	15,000	16,300	7,223	16,513	4,945	45	14,516
32	Dyeing and cleaning	19	31,321	18,355	3,100	6,700	8,555	12,966	5,218	85	32,507
33	Dye stuffs and extracts	10	459,078	183,000	25,800	102,300	54,900	276,078	22,440	318	105,039
34	Fertilizers. (See also Chemicals.)	28	1,795,303	525,200	117,300	245,850	162,050	1,270,103	84,556	687	260,939
35	Flouring and grist mill products	1,179	5,498,057	4,417,252	858,353	1,712,990	1,845,209	1,080,805	279,669	2,200	657,591
36	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	59	3,238,122	2,033,455	228,280	345,825	1,459,350	1,204,667	129,639	2,082	1,034,024
37	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	54	416,476	134,485	26,785	47,150	60,550	281,991	45,482	1,529	107,077
38	Furnishing goods, men's. (See also Shirts.)	10	163,626	52,525	4,200	13,800	34,525	111,101	10,702	388	85,921
39	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	62	80,378	28,066	6,990	11,535	9,541	52,312	5,963	124	46,606
40	Furniture, chairs	5	11,748	9,245	3,040	3,300	2,905	2,503	320	23	5,250
41	Furniture, factory product	13	200,250	53,550	4,520	15,600	33,430	146,700	10,014	193	95,462
42	Gas, illuminating and heating	6	700,935	652,079	58,000	158,000	436,079	57,856	17,592	52	36,071
43	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	5	31,825	10,450	3,500	5,500	1,450	21,375	2,250	233	28,822
44	Hairwork	4	10,305	3,480	1,200	1,800	480	6,825	802	21	5,008
45	Hand stamps	5	19,980	17,100	6,500	5,500	5,100	2,880	2,776	15	8,396
46	Hay and straw, baling	3	2,880	2,400	25	75	2,300	480	148	17	1,551

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

VIRGINIA.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
5,684	$3,711,100	341	$116,820	34,983	$12,199,483	5,947	$864,602	2,408	$226,202	5,681	$1,819,592	3,708	$653,807	749	$53,239	$50,148,285	$88,363,824	1
47	46,970	1	2,000	389	171,489	.....	.....	.....	.....	52	22,564	.....	.....	.....	.....	295,776	691,210	2
8	4,328	.....	.....	16	10,034	1	120	.....	.....	.....	.....	.....	.....	.....	.....	24,654	52,221	3
2	1,812	.....	.....	5	2,040	.....	.....	2	280	.....	.....	.....	.....	.....	.....	928	8,575	4
448	178,002	1	239	437	129,810	.....	.....	5	767	15	2,414	.....	.....	.....	.....	181,866	646,822	5
17	19,300	.....	.....	39	22,265	23	6,144	3	230	.....	.....	.....	.....	.....	.....	31,710	109,602	6
293	111,538	.....	.....	175	62,080	5	1,500	2	252	56	13,279	2	125	.....	.....	122,738	382,787	7
20	24,474	.....	.....	105	57,534	50	12,580	7	700	63	33,600	27	11,000	.....	.....	874,564	1,279,069	8
13	10,684	1	2,000	43	16,349	2	400	.....	.....	.....	.....	.....	.....	.....	.....	115,536	195,879	9
2	497	.....	.....	4	1,300	.....	.....	.....	.....	1	300	.....	.....	3	460	1,417	4,420	10
13	11,326	.....	.....	23	10,948	41	9,131	5	544	38	12,500	297	58,076	10	1,500	79,262	205,000	11
34	23,216	.....	.....	190	60,098	.....	.....	7	741	37	25,417	10	1,552	.....	.....	265,599	450,862	12
103	68,605	23	7,758	326	128,064	20	2,902	10	1,424	5	1,170	.....	.....	1	130	562,282	922,364	13
82	48,698	.....	.....	2,141	536,923	.....	.....	137	8,258	77	13,300	.....	.....	4	32	214,553	1,343,598	14
12	10,902	.....	.....	52	9,461	.....	.....	.....	.....	93	14,200	4	385	.....	.....	42,614	97,250	15
242	179,069	.....	.....	1,858	934,282	.....	.....	9	1,278	47	11,668	.....	.....	.....	.....	1,451,444	3,192,908	16
111	66,995	.....	.....	645	258,833	1	50	3	456	16	3,384	.....	.....	.....	.....	424,689	990,864	17
20	13,130	2	600	1,622	813,535	.....	.....	.....	.....	21	19,719	.....	.....	.....	.....	658,011	1,504,995	18
3	1,346	.....	.....	36	10,687	.....	.....	.....	.....	5	1,000	.....	.....	.....	.....	158,226	202,544	19
.....	.....	3	1,656	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	630	4,260	20
8	2,694	.....	.....	21	3,900	.....	.....	4	225	6	1,100	.....	.....	.....	.....	2,949	17,840	21
116	78,921	5	1,559	158	78,002	67	11,536	1	50	203	112,422	155	31,267	.....	.....	280,577	735,808	22
5	3,215	4	1,505	22	9,213	44	5,175	.....	.....	.....	.....	35	5,000	.....	.....	53,123	101,959	23
9	4,159	184	61,423	5	2,340	334	52,618	.....	.....	1	208	59	8,145	.....	.....	111,111	318,196	24
4	2,300	4	840	.....	.....	16	3,648	.....	.....	.....	.....	.....	.....	.....	.....	28,381	46,900	25
40	21,044	.....	.....	48	13,485	1	30	.....	.....	6	1,734	.....	.....	.....	.....	25,247	83,304	26
71	38,678	11	1,700	143	42,023	5	920	.....	.....	6	1,180	.....	.....	.....	.....	236,620	380,622	27
33	15,094	.....	.....	92	27,442	.....	.....	.....	.....	164	40,849	.....	.....	.....	.....	151,117	281,780	28
29	32,831	.....	.....	533	158,461	908	150,677	416	40,719	30	8,220	43	8,428	60	7,488	1,199,578	1,732,648	29
40	18,914	.....	.....	6	1,690	.....	.....	1	72	.....	.....	.....	.....	.....	.....	8,799	39,831	30
24	8,036	.....	.....	21	6,480	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,645	46,294	31
19	11,629	3	3,012	37	12,932	23	4,482	1	96	.....	.....	2	416	.....	.....	8,881	58,355	32
17	16,419	1	300	271	80,920	.....	.....	4	200	25	7,200	.....	.....	.....	.....	311,648	513,543	33
86	96,872	1	300	600	163,767	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,739,138	2,475,638	34
725	274,137	.....	.....	1,450	378,112	1	96	4	656	20	4,500	.....	.....	.....	.....	9,849,144	11,716,356	35
111	119,706	.....	.....	1,916	885,074	.....	.....	4	600	51	28,644	.....	.....	.....	.....	1,206,227	2,739,695	36
58	17,536	1	25	512	42,488	618	40,793	280	5,262	.....	.....	22	549	38	424	1,131,868	1,403,216	37
19	14,182	3	780	19	11,411	107	16,000	.....	.....	20	5,260	200	36,848	20	1,500	236,773	383,460	38
49	24,796	.....	.....	70	20,424	2	306	1	156	2	924	.....	.....	.....	.....	42,054	117,800	39
1	130	.....	.....	19	4,015	.....	.....	.....	.....	3	1,105	.....	.....	.....	.....	5,272	12,238	40
26	22,150	.....	.....	158	71,362	.....	.....	6	450	3	1,500	.....	.....	.....	.....	112,164	254,363	41
16	17,213	.....	.....	36	18,858	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44,384	192,984	42
8	5,416	1	200	15	4,611	198	16,720	4	600	2	675	5	600	.....	.....	36,455	92,493	43
1	800	3	1,912	1	312	16	1,984	.....	.....	.....	.....	.....	.....	.....	.....	2,218	8,800	44
5	5,420	.....	.....	10	2,976	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,898	20,100	45
2	500	.....	.....	15	1,045	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,045	4,207	46

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

VIRGINIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
47	Ice, artificial	8	$185,495	$178,300	$25,500	$37,500	$115,300	$7,195	$11,196	101	$31,145
48	Iron and steel	17	3,662,588	2,325,476	285,518	404,310	1,635,648	1,337,112	275,580	1,483	633,444
49	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	1,844,405	1,139,340	378,000	266,000	495,340	705,065	104,939	1,504	578,716
50	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	5	244,405	90,933	20,750	16,000	54,183	153,472	16,522	246	154,972
51	Leather, tanned and curried	82	945,014	238,344	42,270	139,905	56,169	706,670	48,156	459	159,026
52	Lime and cement	12	185,771	138,890	42,810	70,755	25,325	46,881	6,059	262	78,276
53	Liquors, distilled	28	99,867	27,027	1,822	12,455	12,750	72,840	47,852	63	11,027
54	Lock and gun smithing	20	25,392	17,365	8,000	6,000	3,365	8,034	2,864	28	14,725
55	Looking-glass and picture frames	14	35,990	6,380	1,000	500	4,880	29,610	6,950	44	24,963
56	Lumber and other mill products from logs or bolts.	638	4,364,702	3,137,409	1,088,821	318,752	1,729,836	1,227,293	228,723	5,980	1,361,638
57	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	65	1,586,966	782,123	245,280	204,882	331,961	804,843	82,994	1,272	567,071
58	Marble and stone work. (See also Monuments and tombstones.)	11	115,070	37,935	18,700	11,160	8,075	77,135	3,207	194	96,557
59	Masonry, brick and stone. (See also Plastering and stuccowork.)	51	268,945	55,195	20,750	23,150	11,295	213,750	11,023	865	419,712
60	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	22	56,449	29,420	12,843	9,450	7,127	27,029	4,618	115	39,124
61	Millinery, custom work	56	174,000	60,190	27,350	30,500	2,340	113,810	21,128	268	69,307
62	Mineral and soda waters. (See also Bottling.)	19	77,003	56,450	8,660	9,250	38,600	21,453	8,373	90	35,321
63	Models and patterns	5	5,210	1,950	.....	.....	1,950	3,260	394	8	5,685
64	Monuments and tombstones. (See also Marble and stone work.)	25	95,569	35,905	24,460	6,900	4,545	59,664	3,026	84	43,229
65	Oil, essential	14	23,523	13,370	305	1,365	11,700	10,153	1,161	47	7,600
66	Painting and paper hanging	101	155,357	37,712	16,250	8,480	12,982	117,645	14,416	505	254,959
67	Paints. (See also Chemicals; Varnish.)	5	30,111	16,200	1,060	4,400	10,800	13,911	4,346	115	33,708
68	Paper. (See also Pulp, wood.)	4	438,903	270,000	41,000	80,000	149,000	168,903	16,286	188	74,383
69	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	9	27,894	13,985	2,500	8,500	2,985	13,909	14,581	32	20,702
70	Paving and paving materials	4	12,545	7,010	400	1,000	5,610	5,535	5,720	105	38,750
71	Photography	21	40,383	23,900	50	250	23,600	16,483	12,738	71	41,804
72	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	4	13,990	5,250	.....	.....	5,250	8,740	2,232	79	11,313
73	Plastering and stuccowork. (See also Masonry, brick and stone.)	35	59,707	10,626	2,250	1,030	7,346	49,081	3,817	317	122,650
74	Plumbing and gas fitting	43	384,515	94,275	35,250	31,750	27,275	290,240	28,813	378	224,764
75	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	48	585,215	307,407	13,300	26,800	267,307	277,808	03,628	474	232,422
76	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	157	756,320	442,334	45,795	66,675	320,864	313,986	173,345	899	442,131
77	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	25	82,470	42,420	12,050	17,750	12,620	40,050	6,114	111	53,503
78	Saddlery and harness	96	256,353	69,444	25,087	33,350	11,007	186,909	17,223	280	129,797
79	Sewing machine repairing	3	2,723	2,240	500	1,400	340	483	441	4	1,928
80	Shipbuilding	18	6,388,976	6,302,701	1,048,580	1,831,830	3,422,291	86,275	4,436	510	345,454
81	Shirts. (See also Furnishing goods, men's.)	4	9,825	1,825	.....	.....	1,825	8,000	1,202	38	9,175
82	Soap and candles. (See also Grease and tallow.)	6	57,575	18,500	300	4,300	13,900	39,075	7,231	47	18,957
83	Timber products, not manufactured at mill.	25	62,925	42,305	25,110	.....	17,195	20,620	8,666	368	41,613
84	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	73	264,006	103,378	42,525	33,075	27,778	160,628	23,162	351	166,488
85	Tobacco, chewing, smoking, and snuff	93	6,840,276	1,522,926	160,250	552,144	810,532	5,317,350	3,337,634	10,085	2,142,385
86	Tobacco, cigars and cigarettes	102	1,809,416	153,957	21,950	30,400	101,207	1,655,859	1,048,290	2,428	785,187

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

VIRGINIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
21	$10,881	.....	.....	80	$20,264	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$20,448	$141,601	47
65	84,818	.....	.....	1,407	546,726	.....	.....	11	$1,900	.....	.....	.....	.....	.....	.....	2,943,216	4,104,850	48
32	55,390	.....	.....	1,422	517,126	.....	.....	50	6,200	.....	.....	.....	.....	.....	.....	1,343,466	2,068,734	49
21	25,944	.....	.....	215	127,528	.....	.....	10	1,500	.....	.....	.....	.....	.....	.....	248,604	475,710	50
58	37,948	.....	.....	382	116,178	3	$650	9	1,125	7	$3,125	.....	.....	.....	.....	805,487	1,224,800	51
11	6,700	.....	.....	238	67,276	1	300	.....	.....	12	4,000	.....	.....	.....	.....	70,842	198,121	52
13	3,872	.....	.....	48	6,755	.....	.....	.....	.....	2	400	.....	.....	.....	.....	19,450	93,132	53
20	10,329	.....	.....	8	4,396	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,713	22,709	54
18	13,544	.....	.....	26	11,419	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,347	62,590	55
362	154,553	2	$800	4,933	1,122,530	35	5,726	80	9,750	260	36,119	300	$31,500	8	$660	2,905,958	5,541,825	56
136	122,328	.....	.....	1,133	443,593	.....	.....	1	150	2	1,000	.....	.....	.....	.....	1,252,291	2,350,281	57
17	15,555	.....	.....	165	74,862	.....	.....	.....	.....	12	6,140	.....	.....	.....	.....	72,543	200,545	58
54	43,787	.....	.....	794	374,095	.....	.....	.....	.....	17	1,830	.....	.....	.....	.....	508,774	1,094,101	59
20	13,103	.....	.....	77	22,634	11	2,188	1	24	2	325	4	850	.....	.....	66,764	143,595	60
13	5,476	73	23,780	8	2,269	169	37,303	4	434	.....	.....	1	45	.....	.....	129,288	268,081	61
26	15,440	.....	.....	59	18,729	.....	.....	1	52	4	1,100	.....	.....	.....	.....	40,573	110,494	62
5	3,985	.....	.....	3	1,700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,297	9,274	63
28	18,205	.....	.....	51	23,924	.....	.....	.....	.....	5	1,100	.....	.....	.....	.....	46,053	118,994	64
3	798	.....	.....	38	6,127	.....	.....	.....	.....	6	675	.....	.....	.....	.....	19,362	33,378	65
108	68,157	.....	.....	376	178,994	.....	.....	4	530	17	7,278	.....	.....	.....	.....	167,220	511,041	66
8	6,515	.....	.....	102	28,443	.....	.....	7	750	.....	.....	.....	.....	.....	.....	12,867	65,619	67
6	11,718	1	300	131	48,710	36	11,058	4	347	.....	.....	10	2,250	.....	.....	143,972	310,991	68
16	15,850	1	360	11	3,628	4	864	.....	.....	.....	.....	.....	.....	.....	.....	12,812	57,501	69
4	4,095	.....	.....	101	34,655	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32,767	94,575	70
21	16,714	1	260	44	23,666	5	1,164	.....	.....	.....	.....	.....	.....	.....	.....	23,157	101,560	71
4	2,638	1	600	13	3,088	60	4,837	.....	.....	1	250	.....	.....	.....	.....	21,459	66,666	72
35	16,412	.....	.....	251	96,281	.....	.....	.....	.....	31	9,957	.....	.....	.....	.....	98,004	255,433	73
74	71,002	.....	.....	298	152,446	.....	.....	5	918	1	400	.....	.....	.....	.....	286,467	631,788	74
79	70,904	2	425	313	141,024	39	7,258	28	3,817	13	8,994	.....	.....	.....	.....	223,973	618,788	75
173	114,415	3	1,034	554	263,101	12	1,846	85	7,341	71	54,244	1	150	.....	.....	173,334	1,008,150	76
16	10,576	.....	.....	95	42,937	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118,515	232,001	77
89	53,783	.....	.....	178	72,158	.....	.....	6	976	7	2,880	.....	.....	.....	.....	127,533	386,894	78
3	1,408	.....	.....	1	520	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	415	2,820	79
15	9,988	.....	.....	495	335,466	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148,879	665,662	80
6	3,874	.....	.....	1	130	8	1,993	.....	.....	.....	.....	22	2,970	1	208	18,370	34,159	81
7	4,940	.....	.....	40	14,017	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63,226	132,130	82
11	3,285	.....	.....	178	28,724	1	180	.....	.....	178	9,444	.....	.....	.....	.....	20,516	88,775	83
85	52,794	.....	.....	238	107,233	.....	.....	20	3,772	8	2,689	.....	.....	.....	.....	192,112	490,911	84
315	300,984	1	250	3,699	970,068	1,740	229,370	898	84,079	1,852	400,007	1,024	120,858	556	35,869	4,825,432	11,804,813	85
189	180,350	.....	.....	481	168,366	107	27,941	132	19,847	279	81,044	1,248	303,790	32	3,849	1,463,878	3,727,842	86

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

VIRGINIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
87	Tobacco, stemming and rehandling	101	$1,886,806	$178,690	$34,800	$90,700	$53,190	$1,708,116	$182,599	1,821	$433,685
88	Tools, not elsewhere specified	3	7,955	3,515	1,000	400	2,115	4,440	130	8	4,530
89	Watch, clock, and jewelry repairing	82	155,309	103,185	46,700	32,455	24,030	52,124	19,765	160	100,254
90	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	6	27,303	8,060	1,450	2,100	4,510	19,243	1,854	43	13,102
91	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	5	18,320	8,470	420	1,600	6,450	9,850	716	29	11,230
92	Woolen goods. (See also Gloves and mittens; Hosiery and knit goods.)	35	845,221	421,737	65,319	127,475	228,943	423,484	43,972	444	117,023
93	All other industries (*a*)	82	4,428,775	2,345,003	434,728	773,111	1,137,164	2,083,772	278,080	3,590	1,428,082

a Embraces bags, other than paper, 2; baking and yeast powders, 2; bluing, 1; boot and shoe uppers, 1; brass castings and brass finishing, 1; carpets, rag, 1; carriage and wagon materials, 2; carriages and sleds, children's, 1; cars, steam railroad, not including operations of railroad companies, 1; cheese and butter, urban dairy product, 1; chemicals, 2; coffee and spice, roasting and grinding, 2; coke, 2; cordage and twine, 1; cotton, ginning, 5; electroplating, 2; fireworks, 1; fish, canning and preserving, 1; flavoring extracts, 2; food preparations, 1; fur goods, 1; gas and lamp fixtures, 1; glue, 1; grease and tallow, 1; hats and caps, not including wool hats, 1; hosiery and knit goods, 2; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, forgings, 1; kaolin and other earth grinding, 1; labels and tags, 1; liquors, vinous, 2; lithographing and engraving, 1; musical instruments and materials, not specified, 2; musical instruments, organs and

BY COUNTIES.

[No manufactures reported from Buchanan county.]

1	The State	5,915	63,456,799	34,962,393	7,041,581	9,572,702	18,348,110	28,494,406	7,421,087	59,591	19,644,850
2	Accomac	22	87,975	55,635	9,420	14,270	31,945	32,340	3,720	184	48,632
3	Albemarle	93	801,610	425,144	74,430	138,035	212,679	376,466	37,507	446	144,273
4	Alexandria	135	1,538,183	918,702	351,050	196,450	371,202	619,481	56,358	1,558	656,966
5	Alleghany	12	857,636	597,800	65,350	109,450	423,000	259,836	31,597	404	179,153
6	Amelia	14	115,407	30,369	6,069	6,425	17,875	85,038	6,057	67	13,113
7	Amherst	38	88,708	73,325	6,900	36,545	29,880	15,383	2,998	140	24,320
8	Appomattox	19	71,103	48,133	9,083	16,300	22,750	22,970	4,878	82	20,227
9	Augusta	200	1,152,277	580,883	110,802	227,315	242,766	571,394	66,945	893	282,398
10	Bath	13	15,650	14,775	3,410	2,765	8,600	875	311	19	6,790
11	Bedford	87	418,061	242,282	29,132	80,200	132,950	175,779	121,874	706	124,741
12	Bland	7	7,000	6,042	952	2,330	2,760	958	292	10	2,620
13	Botetourt	58	398,471	266,775	53,925	69,725	143,125	131,696	27,601	836	100,761
14	Brunswick	31	67,879	49,122	11,122	13,290	24,710	18,757	3,939	123	27,682
15	Buckingham	29	102,629	57,128	5,097	21,240	30,791	45,501	4,493	130	19,448
16	Campbell	127	2,404,909	1,131,975	243,183	230,544	658,248	1,272,934	484,357	2,568	850,292
17	Caroline	44	112,490	83,035	10,890	20,285	51,860	29,455	5,768	235	47,047
18	Carroll	67	66,492	58,366	11,786	16,230	30,350	8,126	1,885	134	28,440
19	Charles City	11	27,680	22,795	9,450	3,405	9,880	4,885	941	31	5,539
20	Charlotte	15	56,813	38,815	4,495	12,945	21,375	17,998	25,264	103	17,214
21	Chesterfield	79	1,631,419	899,864	81,560	346,010	472,294	731,555	71,394	1,314	399,421
22	Clarke	26	76,081	44,932	5,642	13,905	25,385	31,149	2,785	61	18,837
23	Craig	19	31,931	24,933	8,187	7,000	9,746	6,998	684	40	10,282
24	Culpeper	33	54,381	41,785	11,465	10,365	19,955	12,596	7,523	97	15,840
25	Cumberland	14	45,883	45,318	6,760	16,605	22,053	565	906	38	7,229
26	Dickenson	7	8,758	8,410	1,675	550	6,185	348	251	15	1,070
27	Dinwiddie	301	3,991,113	2,067,835	230,625	602,450	1,234,760	1,923,278	836,519	5,647	1,392,429
28	Elizabeth City	51	247,870	130,155	29,850	32,850	67,455	117,715	12,947	447	180,085
29	Essex	27	49,095	40,990	5,605	10,185	25,200	8,105	10,146	49	11,709
30	Fairfax	20	96,445	64,045	15,110	21,025	27,910	32,400	3,444	123	24,228
31	Fauquier	56	117,937	89,085	11,800	44,750	32,535	28,852	3,295	141	24,356
32	Floyd	84	96,892	85,475	20,540	30,840	34,095	11,417	1,876	119	21,746
33	Fluvanna	23	48,550	38,217	4,587	21,340	12,290	10,333	4,173	47	11,394
34	Franklin	60	105,549	78,209	13,343	27,779	37,177	27,250	10,054	130	25,174
35	Frederick	126	828,218	366,679	61,402	158,700	146,577	461,539	51,118	809	210,379
36	Giles	22	41,654	32,945	4,745	12,250	15,950	8,709	3,286	40	10,903
37	Gloucester	9	23,335	21,995	4,410	4,125	13,460	1,340	1,051	29	7,045
38	Goochland	17	68,158	49,258	15,803	9,150	24,305	18,900	3,077	82	20,391
39	Grayson	48	88,955	72,435	11,455	28,030	32,950	16,520	1,825	78	16,838
40	Greene	23	32,723	19,810	2,685	5,455	11,670	12,913	2,300	36	10,140
41	Greenesville	24	60,030	54,235	12,185	5,515	36,535	5,795	3,800	161	29,342
42	Halifax	47	211,154	115,115	23,025	37,615	54,475	96,039	32,110	259	60,141
43	Hanover	40	74,618	53,053	13,095	13,305	26,653	21,565	3,543	155	33,053
44	Henrico	979	17,682,543	7,018,743	1,370,760	1,749,679	3,898,304	10,663,800	3,340,125	19,060	7,386,481
45	Henry	37	687,580	135,725	19,460	67,205	49,060	551,855	137,564	591	96,679
46	Highland	22	58,070	42,970	9,110	21,040	12,820	15,100	1,076	38	10,497

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

VIRGINIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
191	$130,206	.....	.....	659	$160,628	581	$72,233	63	$3,301	157	$43,585	155	$22,562	15	$1,170	$5,420,492	$6,487,643	87
3	2,186	.....	.....	5	2,350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,867	11,630	88
79	53,660	.....	.....	71	43,770	.....	.....	1	36	9	2,788	.....	.....	.....	.....	26,345	166,894	89
13	6,090	.....	.....	25	6,612	.....	.....	.....	.....	5	400	.....	.....	.....	.....	14,839	42,590	90
2	1,460	.....	.....	24	9,230	.....	.....	.....	.....	3	540	.....	.....	.....	.....	15,195	32,500	91
44	22,855	1	$140	240	69,921	115	18,060	30	3,982	9	1,511	4	545	1	9	375,175	609,809	92
189	157,921	3	1,162	1,008	400,226	537	103,819	132	11,357	1,643	747,701	78	5,896	.....	.....	3,248,173	5,398,182	93

materials, 1; nets and seines, 1; oil, lubricating, 1; optical goods, 1; oysters, canning and preserving, 1; perfumery and cosmetics, 1; pipes, tobacco, 1; printing materials, 1; pulp, wood, 1; pumps, not including steam pumps, 1; regalia and society banners and emblems, 2; safes and vaults, 1; salt, 1; saws, 2; silk and silk goods, 1; silversmithing, 1; slaughtering and meat packing, wholesale, 1; stationery goods, not elsewhere specified, 1; stencils and brands, 2; sugar and molasses, refining, 2; surgical appliances, 1; trunks and valises, 2; umbrellas and canes, 1; upholstery materials, 2; varnish, 1; washing machines and clothes wringers, 1; window shades, 1; woodenware, not elsewhere specified, 1.

BY COUNTIES.

[No manufactures reported from Buchanan county.]

5,684	3,711,100	341	116,820	34,983	12,199,488	5,947	864,602	2,498	226,202	5,681	1,819,592	3,708	653,807	749	53,239	50,148,285	88,363,824	1
17	8,097	.....	.....	167	39,935	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50,802	131,556	2
66	39,432	6	2,751	291	84,692	36	6,945	27	2,727	17	6,876	3	850	.....	.....	337,484	640,432	3
166	111,702	20	7,288	1,225	508,084	46	7,760	2	448	90	20,894	9	796	.....	.....	649,443	1,705,404	4
25	29,477	.....	.....	341	135,856	.....	.....	8	1,400	30	12,420	.....	.....	.....	.....	898,486	1,158,062	5
9	3,418	.....	.....	58	9,695	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83,640	128,801	6
26	10,261	.....	.....	59	12,609	42	1,166	13	284	.....	.....	.....	.....	.....	.....	242,091	299,271	7
9	5,320	.....	.....	56	13,857	.....	.....	.....	.....	5	550	12	500	.....	.....	69,007	110,587	8
152	67,379	.....	.....	637	193,889	38	8,136	27	1,119	39	11,875	.....	.....	.....	.....	977,497	1,586,949	9
10	4,770	.....	.....	9	2,020	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43,982	58,922	10
57	28,407	1	250	255	53,556	152	19,340	90	5,016	90	16,010	15	1,187	46	975	220,873	495,022	11
6	2,070	.....	.....	4	550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,548	11,204	12
53	14,923	1	25	420	77,209	178	5,308	184	3,296	.....	.....	.....	.....	.....	.....	363,742	608,452	13
15	6,762	.....	.....	106	20,905	.....	.....	.....	.....	2	15	.....	.....	.....	.....	95,021	147,646	14
16	4,135	.....	.....	60	12,113	.....	.....	4	200	50	3,000	.....	.....	.....	.....	112,224	147,727	15
167	130,188	1	400	1,583	581,010	296	48,888	379	46,982	74	25,967	29	9,882	39	6,975	1,626,862	3,532,486	16
21	7,516	.....	.....	208	38,961	.....	.....	6	550	.....	.....	.....	.....	.....	.....	106,240	180,496	17
47	14,022	.....	.....	84	14,318	.....	.....	.....	.....	3	100	.....	.....	.....	.....	111,465	164,921	18
4	1,589	.....	.....	27	3,950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,913	26,560	19
8	3,747	.....	.....	54	9,202	20	2,660	15	990	6	675	.....	.....	.....	.....	37,089	96,453	20
87	64,123	7	2,502	919	282,789	190	34,251	74	7,304	23	5,994	14	2,458	.....	.....	1,816,919	2,562,707	21
21	8,453	.....	.....	33	9,889	.....	.....	1	75	6	420	.....	.....	.....	.....	41,665	69,576	22
10	3,104	.....	.....	28	6,878	2	300	.....	.....	.....	.....	.....	.....	.....	.....	41,327	63,039	23
16	5,839	.....	.....	79	9,776	.....	.....	.....	.....	2	225	.....	.....	.....	.....	54,491	93,081	24
6	2,115	.....	.....	31	5,078	1	36	.....	.....	.....	.....	.....	.....	.....	.....	50,272	65,290	25
3	520	.....	.....	12	1,150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,713	6,184	26
377	223,420	55	18,706	2,849	835,723	1,503	204,033	438	37,453	237	54,668	188	18,426	.....	.....	4,460,378	7,283,697	27
24	10,377	2	624	376	160,352	13	1,310	9	894	23	6,528	.....	.....	.....	.....	279,096	550,369	28
14	3,975	.....	.....	34	7,744	1	50	.....	.....	.....	.....	.....	.....	.....	.....	65,272	97,716	29
10	3,773	.....	.....	113	20,455	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80,560	120,302	30
35	12,312	.....	.....	87	11,444	16	480	3	120	.....	.....	.....	.....	.....	.....	89,915	142,629	31
46	10,122	.....	.....	72	11,558	1	66	.....	.....	.....	.....	.....	.....	.....	.....	133,696	183,196	32
13	3,233	.....	.....	34	8,161	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46,743	69,850	33
27	10,019	.....	.....	79	14,049	1	72	20	800	2	225	.....	.....	1	9	141,448	197,662	34
97	49,808	15	4,997	411	126,476	231	21,030	11	1,529	19	4,916	19	1,605	6	24	642,120	1,061,997	35
11	4,327	.....	.....	29	6,576	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47,549	72,115	36
2	624	.....	.....	27	6,421	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,283	30,630	37
7	3,173	.....	.....	75	17,218	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67,090	105,125	38
18	6,032	.....	.....	52	9,656	5	850	3	300	.....	.....	.....	.....	.....	.....	75,027	106,977	39
14	6,008	.....	.....	22	4,132	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37,767	57,523	40
4	1,046	.....	.....	153	27,796	.....	.....	.....	.....	4	500	.....	.....	.....	.....	82,535	134,061	41
45	20,154	.....	.....	114	31,327	1	100	5	150	85	8,050	.....	.....	9	360	271,759	448,948	42
13	4,152	.....	.....	138	28,456	3	220	.....	.....	1	225	.....	.....	.....	.....	75,086	134,444	43
1,542	1,437,740	123	46,070	10,649	4,444,314	1,528	259,661	334	39,442	2,121	635,697	2,545	504,808	218	18,749	14,634,756	28,873,350	44
31	18,380	2	350	268	52,609	51	4,634	158	12,042	22	4,958	24	2,796	35	910	274,432	618,700	45
12	4,491	.....	.....	26	6,006	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60,095	82,057	46

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

VIRGINIA—Continued.

BY COUNTIES—Continued.

	COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
47	Isle of Wight	21	$238,111	$124,040	$43,975	$18,205	$61,860	$114,071	$23,781	270	$49,352
48	James City	6	15,120	10,525	3,100	3,050	4,375	4,595	823	20	4,529
49	King and Queen	23	31,210	23,965	4,575	4,725	14,665	7,245	1,412	205	15,543
50	King George	10	9,032	7,312	420	1,552	5,340	1,720	205	31	6,373
51	King William	24	53,000	40,945	6,830	9,510	24,605	12,055	2,022	85	17,034
52	Lancaster	10	24,295	18,915	9,880	3,530	5,505	5,380	811	34	5,102
53	Lee	56	84,607	74,641	26,561	11,950	36,130	9,966	5,359	139	26,995
54	Loudoun	93	260,967	172,045	31,125	84,530	56,390	88,922	7,996	210	63,674
55	Louisa	21	38,717	29,155	3,087	11,165	14,903	9,562	1,326	36	8,678
56	Lunenburg	14	29,890	28,550	2,885	5,175	20,490	1,340	1,042	49	7,900
57	Madison	46	85,396	64,574	9,504	18,235	36,835	20,822	2,620	121	22,340
58	Mathews	8	14,360	9,820	850	5,270	3,700	4,540	710	25	7,678
59	Mecklenburg	43	138,469	91,990	22,060	23,405	46,525	46,479	8,714	234	39,702
60	Middlesex	19	47,817	32,355	13,745	6,310	12,300	15,462	1,239	175	19,224
61	Montgomery	34	110,780	81,640	16,050	32,785	32,205	29,140	2,605	73	20,015
62	Nansemond	47	507,668	387,189	129,363	66,575	191,251	120,479	23,070	740	214,062
63	Nelson	31	76,741	72,443	25,688	22,220	24,535	4,298	3,639	79	16,905
64	New Kent	10	28,785	24,140	11,020	2,370	9,850	4,645	356	26	5,475
65	Norfolk	505	10,987,399	8,822,817	1,896,751	2,362,621	4,563,445	2,164,582	355,673	4,930	2,222,907
66	Northampton	7	24,605	13,200	1,100	1,300	10,800	11,405	2,201	36	5,642
67	Northumberland	10	21,910	14,625	4,050	3,300	7,275	7,285	2,115	42	7,735
68	Nottoway	19	100,840	49,070	9,295	16,925	22,850	51,770	4,648	76	18,601
69	Orange	21	72,723	45,370	6,250	12,345	26,775	27,353	3,193	59	12,094
70	Page	44	377,990	263,045	53,775	48,425	160,845	114,945	6,665	246	83,355
71	Patrick	44	44,819	36,759	9,279	8,925	18,555	8,060	1,769	73	10,541
72	Pittsylvania	373	5,143,078	2,086,210	404,988	545,498	1,135,724	3,056,868	870,403	5,219	1,293,901
73	Powhatan	14	80,525	65,300	23,950	15,750	25,600	15,225	1,980	92	12,799
74	Prince Edward	39	113,285	80,740	18,925	28,075	33,740	32,545	4,777	146	31,037
75	Prince George	4	20,550	10,950	2,700	5,150	3,100	9,600	730	22	5,780
76	Princess Anne	14	52,585	43,330	17,075	5,655	20,600	9,255	1,353	57	11,441
77	Prince William	23	61,503	48,337	9,672	12,495	26,170	13,166	2,902	54	11,241
78	Pulaski	18	649,940	347,620	52,610	73,895	221,115	302,320	43,910	186	77,409
79	Rappahannock	34	69,065	44,330	3,060	19,330	21,940	24,735	2,716	56	13,589
80	Richmond	15	36,738	31,728	10,543	2,660	18,525	5,010	1,866	47	8,398
81	Roanoke	53	3,828,177	2,028,089	438,318	599,474	990,297	1,800,088	221,514	2,512	1,203,517
82	Rockbridge	68	430,866	191,322	45,830	76,150	69,342	239,544	134,637	473	131,844
83	Rockingham	186	677,331	378,062	70,743	156,405	150,914	299,269	22,667	525	145,499
84	Russell	46	100,608	78,523	28,128	20,210	30,185	22,085	2,453	125	23,469
85	Scott	77	157,181	134,936	68,110	16,515	50,311	22,245	4,534	230	46,842
86	Shenandoah	74	178,637	110,295	15,455	35,355	59,485	68,342	11,551	172	43,598
87	Smyth	45	234,792	144,990	30,175	39,700	75,115	89,802	8,166	271	62,038
88	Southampton	45	165,007	104,067	18,105	17,370	68,592	61,030	7,799	335	97,680
89	Spottsylvania	84	658,842	305,940	31,640	130,455	143,845	352,902	39,536	575	177,289
90	Stafford	11	17,525	15,995	2,970	4,505	8,520	1,530	1,095	32	5,111
91	Surry	12	46,250	40,725	20,350	9,100	11,275	5,525	2,192	68	10,575
92	Sussex	27	146,543	101,475	36,100	9,100	56,275	45,088	7,285	212	45,674
93	Tazewell	53	309,345	294,630	19,595	28,460	240,575	14,715	3,532	251	68,515
94	Warren	33	259,459	166,790	38,150	83,555	45,085	92,669	11,706	211	57,925
95	Warwick	34	141,650	108,745	9,720	16,950	82,075	32,905	7,356	420	236,036
96	Washington	70	740,840	495,645	144,135	219,275	132,235	245,204	52,999	556	140,333
97	Westmoreland	7	6,492	5,491	1,031	1,525	2,935	1,001	427	9	2,073
98	Wise	19	31,899	27,205	2,695	1,825	23,185	4,694	2,000	78	18,909
99	Wythe	47	807,315	575,435	116,805	97,975	360,655	231,880	50,635	345	110,059
100	York	11	15,486	12,951	5,855	955	6,141	2,535	633	26	5,410

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

VIRGINIA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
16	$7,210	.....	.....	179	$36,142	75	$6,000	.....	.....	.....	.....	.....	.....	.....	.....	$381,248	$491,103	47
5	1,864	.....	.....	15	2,665	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,483	28,806	48
13	4,163	.....	.....	30	4,780	.....	.....	.....	.....	162	$6,600	.....	.....	.....	.....	26,142	49,454	49
6	2,070	.....	.....	23	4,093	2	210	.....	.....	.....	.....	.....	.....	.....	.....	15,124	27,580	50
20	6,697	.....	.....	60	9,535	1	246	3	$412	1	150	.....	.....	.....	.....	44,859	72,994	51
3	645	.....	.....	31	4,457	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23,749	34,156	52
22	6,071	.....	.....	109	19,063	.....	.....	1	96	7	1,765	.....	.....	.....	.....	81,704	135,392	53
58	21,866	.....	.....	150	41,523	.....	.....	1	75	.....	.....	1	$216	.....	.....	245,765	378,255	54
14	4,366	.....	.....	21	4,260	.....	.....	.....	.....	1	56	.....	.....	.....	.....	37,386	53,720	55
5	1,430	.....	.....	44	6,476	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,445	66,417	56
27	6,330	1	$140	82	14,460	3	420	4	400	4	590	.....	.....	.....	.....	81,917	128,386	57
2	988	.....	.....	23	6,696	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,506	21,300	58
18	6,654	.....	.....	207	32,928	3	176	2	50	4	560	.....	.....	.....	.....	109,628	192,811	59
10	3,975	.....	.....	51	10,649	14	2,460	.....	.....	100	2,200	.....	.....	.....	.....	41,665	76,427	60
23	8,320	.....	.....	47	11,479	.....	.....	1	26	2	190	.....	.....	.....	.....	121,258	171,380	61
56	43,888	9	1,905	433	140,718	17	3,006	10	1,700	106	11,800	109	11,045	.....	.....	352,256	734,538	62
10	2,972	.....	.....	69	13,933	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	114,440	156,936	63
3	672	.....	.....	21	4,603	.....	.....	.....	.....	2	200	.....	.....	.....	.....	20,260	36,361	64
592	434,652	69	20,649	3,332	1,546,944	296	57,298	100	10,098	238	109,812	303	44,054	.....	.....	3,938,954	7,849,651	65
2	795	.....	.....	33	4,647	.....	.....	.....	.....	1	200	.....	.....	.....	.....	26,712	39,550	66
3	1,185	.....	.....	39	6,550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,748	30,005	67
10	2,703	.....	.....	64	15,778	.....	.....	2	120	.....	.....	.....	.....	.....	.....	82,771	128,941	68
10	3,875	.....	.....	37	5,369	.....	.....	1	100	11	2,750	.....	.....	.....	.....	48,473	75,716	69
30	18,746	.....	.....	213	63,979	.....	.....	4	636	.....	.....	.....	.....	.....	.....	350,162	563,836	70
25	4,338	.....	.....	48	6,203	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44,808	65,251	71
450	291,943	17	5,685	2,131	637,727	961	145,826	349	33,736	554	112,346	382	42,032	375	$24,612	6,068,638	9,156,985	72
8	2,647	.....	.....	50	9,146	17	706	17	306	.....	.....	.....	.....	.....	.....	44,943	76,319	73
18	6,243	.....	.....	128	24,794	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118,343	183,362	74
1	180	.....	.....	21	5,660	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,360	28,206	75
8	2,874	.....	.....	48	8,387	1	180	.....	.....	.....	.....	.....	.....	.....	.....	34,401	62,900	76
7	1,531	.....	.....	47	9,710	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66,184	93,293	77
12	11,620	.....	.....	167	64,259	3	880	1	150	3	500	.....	.....	.....	.....	400,266	638,975	78
27	8,979	.....	.....	26	4,310	3	306	.....	.....	.....	.....	.....	.....	.....	.....	75,518	105,162	79
11	2,295	.....	.....	34	5,998	1	36	.....	.....	1	75	.....	.....	.....	.....	30,570	50,612	80
130	92,451	.....	.....	957	427,232	10	400	40	4,835	1,341	676,424	21	2,060	13	175	3,247,452	5,077,701	81
69	26,032	.....	.....	379	102,485	9	610	8	313	8	2,404	.....	.....	.....	.....	479,307	702,163	82
109	44,720	.....	.....	377	91,918	4	700	7	1,015	25	6,686	.....	.....	3	400	601,480	969,307	83
32	9,174	.....	.....	92	14,215	.....	.....	.....	.....	1	50	.....	.....	.....	.....	95,154	140,892	84
44	12,330	.....	.....	191	34,281	.....	.....	.....	.....	3	186	1	45	.....	.....	168,522	259,959	85
44	15,668	.....	.....	119	26,218	2	300	4	412	3	1,000	.....	.....	.....	.....	184,514	278,148	86
37	13,598	.....	.....	203	44,427	18	2,740	9	473	4	800	.....	.....	.....	.....	163,892	277,655	87
24	12,442	5	1,886	301	82,656	3	500	2	196	.....	.....	.....	.....	.....	.....	258,805	443,532	88
80	43,759	7	3,192	309	80,749	92	9,084	6	325	54	29,200	27	11,000	.....	.....	489,213	828,337	89
4	1,066	.....	.....	28	4,045	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,715	30,870	90
5	1,381	.....	.....	47	9,099	1	30	5	65	.....	.....	.....	.....	.....	.....	19,117	35,914	91
20	9,382	.....	.....	190	35,948	.....	.....	.....	.....	2	344	.....	.....	.....	.....	97,529	186,959	92
21	6,756	.....	.....	162	59,109	5	875	.....	.....	63	21,775	.....	.....	.....	.....	211,162	330,218	93
26	11,172	.....	.....	137	37,057	9	330	15	1,046	24	8,320	.....	.....	.....	.....	159,865	266,210	94
18	10,122	.....	.....	399	225,362	1	246	2	312	.....	.....	.....	.....	.....	.....	417,462	733,357	95
68	33,375	.....	.....	359	98,471	34	2,893	84	5,075	1	350	6	119	4	50	242,897	519,646	96
4	1,320	.....	.....	4	728	.....	.....	.....	.....	1	25	.....	.....	.....	.....	17,756	22,188	97
16	5,192	.....	.....	59	13,477	.....	.....	1	240	.....	.....	.....	.....	.....	.....	24,773	61,463	98
40	23,480	.....	.....	287	83,242	7	950	8	875	3	1,512	.....	.....	.....	.....	454,280	722,052	99
9	2,978	.....	.....	17	2,432	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,967	22,734	100

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

WASHINGTON.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	1,543	$34,360,735	$21,543,304	$9,133,392	$3,643,086	$8,766,016	$12,826,341	$2,180,557	20,306	$12,658,614
2	Awnings, tents, and sails	3	14,497	2,400	.....	.....	2,400	12,097	3,342	24	17,264
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	114	226,679	111,960	41,895	22,400	47,575	114,719	22,286	260	190,813
4	Bookbinding and blank-book making. (See also Printing and publishing.)	6	27,850	12,800	.....	.....	12,800	15,050	3,713	40	24,008
5	Boots and shoes, custom work and repairing.	44	36,474	25,795	8,800	9,325	7,670	10,679	7,372	65	49,495
6	Bottling. (See also Liquors, malt; Mineral and soda waters.)	3	60,500	39,500	7,000	8,000	24,500	21,000	4,315	24	22,200
7	Bread and other bakery products	22	122,820	79,550	20,200	18,350	41,000	43,270	22,534	174	133,450
8	Brick and tile. (See also Clay and pottery products.)	86	1,058,965	677,265	235,755	128,255	313,255	381,700	55,702	1,826	684,461
9	Carpentering	39	84,110	22,850	3,100	4,250	15,500	61,260	10,672	481	479,956
10	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	19	154,305	73,730	29,750	28,000	15,980	80,575	11,138	125	107,589
11	Cars and general shop construction and repairs by steam railroad companies.	4	272,195	136,465	18,640	38,850	78,975	135,730	.....	351	286,068
12	Cheese, butter, and condensed milk, factory product.	3	9,850	4,450	500	1,350	2,600	5,400	262	4	1,125
13	Clay and pottery products. (See also Brick and tile.)	4	152,193	116,923	52,160	46,114	18,649	35,270	5,317	84	50,405
14	Clothing, men's, custom work and repairing.	41	151,572	14,162	1,750	4,000	8,412	137,410	37,555	269	238,650
15	Clothing, women's, dressmaking	28	24,635	11,750	2,700	2,100	6,950	12,885	9,058	155	67,624
16	Confectionery	10	76,450	27,175	4,000	8,000	15,175	49,275	11,722	81	47,104
17	Cooperage	3	10,600	7,850	6,100	650	1,100	2,750	423	5	2,720
18	Dyeing and cleaning	4	2,430	1,600	.....	500	1,100	830	1,898	18	13,552
19	Fish, canning and preserving. (See also Food preparations.)	7	320,790	115,360	14,945	53,615	46,800	205,430	33,801	331	72,475
20	Flouring and grist mill products	38	1,140,630	651,929	133,054	192,425	326,450	488,701	85,764	222	140,865
21	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	27	938,780	639,650	174,050	134,400	331,200	299,130	58,766	557	496,222
22	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, chairs; Furniture, factory product; Mattresses and spring beds.)	17	139,250	85,200	49,960	20,890	14,350	54,050	8,466	107	82,395
23	Gas, illuminating and heating	4	605,700	573,200	197,500	62,000	313,700	32,500	14,852	50	55,560
24	Hand stamps	6	32,600	27,600	15,000	8,000	4,600	5,000	2,019	23	8,969
25	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	9	147,125	65,375	25,000	26,200	14,175	81,750	6,132	171	183,241
26	Jewelry. (See also Watch, clock, and jewelry repairing.)	3	8,950	4,000	.....	.....	4,000	4,950	1,171	12	13,440
27	Lime and cement	7	581,375	573,925	339,870	180,280	53,775	7,450	15,113	207	125,727
28	Liquors, malt. (See also Bottling.)	13	1,328,329	869,000	206,500	321,000	340,600	459,329	193,186	230	213,275
29	Lock and gun smithing	4	7,550	6,200	3,500	500	2,200	1,350	2,865	9	8,576
30	Looking-glass and picture frames	4	10,614	950	.....	.....	950	9,664	2,950	7	5,016
31	Lumber and other mill products from logs or bolts.	310	19,445,429	12,540,234	6,441,178	1,606,132	4,492,924	6,905,195	762,680	7,637	4,060,231
32	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood turned and carved.)	39	899,765	401,798	105,500	83,833	212,465	497,967	48,087	898	703,732
33	Marble and stone work. (See also Monuments and tombstones.)	6	15,175	4,075	.....	2,500	1,575	11,100	2,555	27	27,050
34	Masonry, brick and stone. (See also Plastering and stuccowork.)	12	62,550	14,000	1,500	2,100	10,400	48,550	6,262	537	559,688
35	Mattresses and spring beds. (See also Furniture.)	5	43,800	15,100	6,000	4,300	4,800	28,700	4,865	52	48,210
36	Millinery, custom work	23	112,559	9,375	5,200	1,300	2,875	103,184	17,301	103	52,758
37	Mineral and soda waters. (See also Bottling.)	10	59,620	32,720	1,600	2,650	28,470	26,900	9,623	49	35,173
38	Monuments and tombstones. (See also Marble and stone work.)	7	30,800	4,350	2,000	1,200	1,150	26,450	3,548	23	23,712
39	Painting and paper hanging	23	49,760	7,200	1,000	2,250	3,950	42,560	8,055	141	147,202
40	Photography	12	12,885	10,400	50	700	9,650	2,485	5,241	33	30,220
41	Plumbing and gas fitting	26	344,161	24,711	.....	625	24,086	319,450	24,341	478	437,515

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

WASHINGTON.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1,642	$1,619,584	47	$27,136	17,181	$10,307,160	455	$176,732	129	$22,761	883	$495,336	28	$9,830	1	$75	$19,917,057	$41,768,022	1
6	7,080	.....	.....	8	6,080	10	4,104	.....	.....	.....	.....	.....	.....	.....	.....	51,684	89,500	2
90	56,665	.....	.....	168	133,578	.....	.....	.....	.....	2	570	.....	.....	.....	.....	133,422	433,340	3
6	6,184	.....	.....	17	13,470	15	4,224	2	130	.....	.....	.....	.....	.....	.....	19,720	58,000	4
29	22,696	.....	.....	31	22,825	.....	.....	.....	.....	5	3,974	.....	.....	.....	.....	27,913	97,150	5
.....	.....	.....	.....	24	22,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118,485	193,500	6
19	20,960	4	1,410	136	106,440	5	1,680	10	2,960	.....	.....	.....	.....	.....	.....	266,726	534,295	7
60	37,292	2	1,000	1,716	631,260	7	726	18	1,171	23	13,012	.....	.....	.....	.....	213,884	1,389,650	8
17	22,704	.....	.....	464	457,252	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	929,130	1,545,327	9
14	15,754	.....	.....	111	91,835	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	94,090	273,783	10
9	7,440	.....	.....	342	278,628	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	175,492	461,561	11
1	75	.....	.....	3	1,050	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,475	33,100	12
10	9,300	.....	.....	73	40,745	1	360	.....	.....	.....	.....	.....	.....	.....	.....	19,626	139,829	13
38	43,335	1	416	59	54,883	15	8,564	3	676	149	128,376	4	2,400	.....	.....	179,201	521,041	14
.....	.....	13	9,380	.....	.....	139	57,644	.....	.....	.....	.....	3	600	.....	.....	70,015	199,656	15
14	13,994	1	520	33	23,210	33	9,380	.....	.....	.....	.....	.....	.....	.....	.....	103,071	230,550	16
2	2,020	.....	.....	3	700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,232	5,235	17
4	4,600	.....	.....	9	7,332	4	1,380	1	240	.....	.....	.....	.....	.....	.....	2,220	18,200	18
15	8,655	.....	.....	72	30,320	.....	.....	10	1,000	234	32,500	.....	.....	.....	.....	346,532	525,000	19
52	42,897	.....	.....	155	94,331	.....	.....	.....	.....	15	3,637	.....	.....	.....	.....	2,013,304	2,460,809	20
42	50,590	.....	.....	514	445,512	.....	.....	1	120	.....	.....	.....	.....	.....	.....	559,652	1,347,700	21
12	10,120	.....	.....	90	70,275	.....	.....	.....	.....	5	2,090	.....	.....	.....	.....	87,937	215,645	22
9	22,800	.....	.....	41	32,760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53,041	213,473	23
8	6,260	.....	.....	15	2,709	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,581	25,535	24
7	8,700	.....	.....	164	174,541	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	112,240	396,000	25
1	1,040	.....	.....	11	12,400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,600	32,800	26
5	2,950	.....	.....	197	121,937	.....	.....	3	780	2	60	.....	.....	.....	.....	65,878	264,587	27
21	36,305	.....	.....	202	173,070	2	100	.....	.....	5	3,800	.....	.....	.....	.....	424,637	1,178,306	28
4	3,968	.....	.....	5	4,608	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,050	16,050	29
4	3,260	.....	.....	3	1,756	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,203	14,000	30
476	458,355	6	1,750	7,032	3,533,709	16	3,617	10	1,940	93	60,379	3	415	1	75	7,930,443	15,067,627	31
59	57,790	.....	.....	828	643,582	.....	.....	11	2,360	.....	.....	.....	.....	.....	.....	1,001,396	2,030,279	32
3	3,300	.....	.....	24	23,750	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31,050	83,700	33
10	21,100	.....	.....	527	538,588	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,193,150	1,919,700	34
12	15,700	.....	.....	35	27,636	5	4,874	.....	.....	.....	.....	.....	.....	.....	.....	52,000	144,400	35
4	5,390	17	11,090	.....	.....	82	36,278	.....	.....	.....	.....	.....	.....	.....	.....	134,821	259,600	36
15	13,499	.....	.....	31	21,104	.....	.....	3	570	.....	.....	.....	.....	.....	.....	64,030	157,197	37
5	6,600	.....	.....	18	17,112	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,565	60,200	38
35	46,560	.....	.....	106	100,642	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70,635	253,152	39
14	17,508	.....	.....	12	9,484	3	1,808	1	300	.....	.....	3	1,120	.....	.....	8,922	60,150	40
57	82,775	.....	.....	420	354,428	.....	.....	1	312	.....	.....	.....	.....	.....	.....	560,556	1,188,800	41

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY WASHINGTON—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
42	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	20	$161,926	$112,016	.....	.....	$112,016	$49,910	$21,145	150	$133,727
43	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	125	1,035,182	780,109	$94,150	$113,057	572,902	255,073	205,376	797	683,827
44	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	3	21,024	3,700	.....	.....	3,700	17,324	735	47	30,814
45	Saddlery and harness	36	166,760	41,410	13,450	15,560	12,400	125,350	16,820	98	72,856
46	Shipbuilding	17	155,620	123,340	3,680	71,310	48,350	32,280	5,037	186	97,216
47	Soap and candles. (See also Grease and tallow.)	4	49,500	26,000	8,000	4,000	14,000	23,500	5,136	25	19,925
48	Timber products, not manufactured at mill.	152	1,954,878	1,290,989	657,695	.....	633,294	663,889	284,073	2,432	1,108,376
49	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	29	158,430	65,880	22,500	21,975	21,405	92,550	12,895	133	112,567
50	Tobacco, cigars and cigarettes	20	56,990	4,052	610	950	2,492	52,938	20,535	91	63,941
51	Vinegar and cider	3	12,150	8,300	800	3,500	4,000	3,850	1,939	12	7,900
52	Watch, clock, and jewelry repairing. (See also Jewelry.)	33	31,425	15,400	.....	.....	15,400	16,025	11,043	63	65,312
53	All other industries (a)	56	1,741,528	1,029,621	176,750	384,700	468,171	711,907	69,971	442	314,417

a Embracee agricultural implements, 2; boot and shoe uppers, 1; boots and shoes, factory product, 1; boxes, wooden packing, 2; brass castings and brass finishing, 1; brooms and brushes, 2; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 2; coke, 1; cutlery and edge tools, 1; engraving, steel, including plate printing, 1; flavoring extracts, 1; food preparations, 1; fur goods, 1; furniture, chairs, 1; furniture, factory product, 2; gloves and mittens, 1; grease and tallow, 1; hosiery and knit goods, 1; ice, artificial, 2; iron and steel, 1; iron and steel, doors and shutters, 1; kaolin and other earth grinding, 1;

BY COUNTIES.

1	The State	1,543	34,369,735	21,543,394	9,133,392	3,643,086	8,766,916	12,826,341	2,180,557	20,360	12,658,614
2	Asotin	5	22,300	16,300	5,300	3,500	7,500	6,000	1,288	16	5,380
3	Chehalis	36	3,422,366	1,721,137	867,936	120,800	732,401	1,701,229	85,410	750	417,428
4	Clallam	3	67,550	54,250	26,050	10,050	18,150	13,300	2,903	60	24,701
5	Clarke	38	429,164	288,200	88,175	54,175	145,850	140,964	33,102	365	146,694
6	Columbia	39	416,920	195,374	62,124	38,075	95,175	221,546	23,118	170	76,822
7	Cowlitz	41	458,043	328,850	166,375	29,875	132,600	129,193	30,950	437	166,657
8	Douglas	7	40,760	24,100	400	700	23,000	16,660	1,996	33	10,652
9	Franklin	4	12,325	9,100	1,200	1,000	6,900	3,225	822	18	4,736
10	Garfield	12	58,157	38,960	7,850	6,600	24,510	19,197	3,598	38	12,777
11	Island	11	111,110	81,790	39,730	.....	42,060	29,320	22,514	160	75,745
12	Jefferson	18	1,999,460	1,381,450	352,000	409,700	619,750	618,010	74,088	606	295,923
13	King	417	6,612,936	3,975,086	1,020,715	916,085	2,038,286	2,637,850	633,327	5,691	4,266,190
14	Kitsap	24	3,747,010	2,134,750	1,226,400	414,550	493,800	1,612,260	150,975	780	445,404
15	Kittitas	16	152,629	99,590	21,600	20,760	57,230	53,039	11,924	215	66,725
16	Klickitat	8	65,400	32,250	3,400	5,650	23,200	33,150	4,774	54	20,802
17	Lewis	60	813,032	561,915	159,640	81,960	320,315	251,117	48,704	746	367,476
18	Lincoln	24	309,414	179,605	23,880	46,000	109,725	129,809	20,457	218	138,654
19	Mason	6	207,101	155,331	70,400	600	84,331	51,770	19,264	126	69,233
20	Pacific	18	570,372	379,430	147,200	74,050	158,180	190,942	38,341	321	166,602
21	Pierce	266	7,879,741	5,462,499	3,002,519	667,394	1,792,586	2,408,242	508,110	4,615	3,533,105
22	San Juan	6	580,362	569,200	335,070	175,980	58,150	11,162	14,856	198	121,240
23	Skagit	29	327,669	211,900	50,875	16,150	144,875	115,769	35,098	340	183,591
24	Snohomish	44	883,445	588,815	274,700	23,850	290,265	294,630	78,458	724	287,207
25	Spokane	167	2,237,175	1,388,480	611,850	195,495	581,135	848,695	133,741	1,722	870,343
26	Stevens	10	36,185	28,600	3,725	10,825	14,050	7,585	1,914	61	17,532
27	Thurston	53	894,508	470,715	189,443	76,615	204,657	423,793	56,435	634	247,659
28	Wahkiakum	13	187,450	130,700	33,500	10,400	86,800	56,750	16,536	139	48,545
29	Wallawalla	40	599,307	321,895	97,940	98,190	125,765	277,412	37,876	184	130,684
30	Whatcom	48	555,440	396,782	183,150	58,757	154,875	158,658	41,810	507	266,609
31	Whitman	69	608,160	271,030	56,835	64,400	149,795	337,130	43,036	378	150,231
32	Yakima	8	59,894	35,110	2,010	8,450	24,650	24,784	4,052	34	19,817
33	All other counties (a)	3	13,350	10,200	1,400	2,450	6,350	3,150	1,080	17	3,450

a Includee establishments distributed as follows: Adams, 1; Okanogan, 1; Skamania, 1.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

WASHINGTON—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecesworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
32	$34,016	.....	.....	104	$94,385	8	$2,720	5	$1,456	1	$1,150	.....	.....	.....	.....	$75,323	$278,477	42
134	137,940	1	$520	428	363,351	43	17,591	34	4,150	152	157,388	5	$2,881	.....	.....	234,127	1,400,064	43
3	2,260	.....	.....	44	28,554	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40,492	82,194	44
30	24,414	.....	.....	65	46,600	.....	.....	1	312	2	1,530	.....	.....	.....	.....	124,901	263,172	45
15	12,711	.....	.....	171	84,505	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68,885	188,685	46
9	8,460	.....	.....	13	10,200	3	1,265	.....	.....	.....	.....	.....	.....	.....	.....	29,844	65,500	47
96	64,938	.....	.....	2,161	990,902	43	11,462	5	1,710	127	39,364	.....	.....	.....	.....	400,893	2,382,674	48
22	21,559	.....	.....	111	91,008	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	102,832	283,860	49
13	9,333	1	450	18	11,651	1	180	6	1,476	52	40,851	.....	.....	.....	.....	67,096	178,410	50
.....	.....	.....	.....	12	7,900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,885	23,400	51
29	31,220	.....	.....	32	33,416	.....	.....	2	676	.....	.....	.....	.....	.....	.....	19,570	103,631	52
70	76,512	1	600	323	218,955	20	8,775	2	416	16	6,745	10	2,414	.....	.....	1,557,560	2,379,528	53

leather, tanned and curried, 1; liquors, distilled, 2; malt, 1; millinery and lace goods, 1; paints, 1; patent medicines and compounds, 2; paving and paving materials, 1; pickles, preserves, and sauces, 1; plastering and stuccowork, 2; sausage, 1; shirts, 1; show cases, 2; slaughtering and meat packing, wholesale, 2; slaughtering, wholesale, not including meat packing, 2; tools, not elsewhere specified, 1; trunks and valises, 2; umbrellas and canes, 1; washing machines and clothes wringers, 2; wood, turned and carved, 1.

BY COUNTIES.

1,642	1,619,584	47	27,136	17,181	10,307,160	455	176,732	129	22,761	883	495,336	28	9,830	1	$75	19,917,057	41,768,022	1
3	1,768	.....	.....	12	3,300	1	312	.....	.....	.....	.....	.....	.....	.....	.....	19,667	30,350	2
35	38,323	.....	.....	699	373,068	11	3,387	2	650	3	2,000	.....	.....	.....	.....	680,075	1,372,645	3
8	5,562	1	500	60	18,630	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37,276	78,951	4
24	15,157	.....	.....	330	128,321	4	1,464	5	852	2	900	.....	.....	.....	.....	426,414	742,748	5
17	10,791	.....	.....	145	62,541	6	2,460	.....	.....	2	1,030	.....	.....	.....	.....	286,713	445,487	6
34	19,376	3	300	366	135,706	6	1,100	2	400	25	9,700	.....	.....	1	75	186,109	518,250	7
3	1,874	.....	.....	26	8,128	1	200	3	450	.....	.....	.....	.....	.....	.....	11,604	35,240	8
.....	.....	.....	.....	16	4,008	2	728	.....	.....	.....	.....	.....	.....	.....	.....	3,078	10,450	9
11	5,422	.....	.....	21	6,455	4	700	2	200	.....	.....	.....	.....	.....	.....	45,060	75,355	10
4	3,000	.....	.....	153	71,635	3	1,110	.....	.....	.....	.....	.....	.....	.....	.....	26,052	150,200	11
38	33,282	.....	.....	562	257,961	.....	.....	.....	.....	6	4,680	.....	.....	.....	.....	961,178	1,561,125	12
398	425,401	5	1,880	4,864	3,576,916	197	81,330	7	1,742	211	175,089	9	3,832	.....	.....	5,815,738	12,759,882	13
29	31,223	.....	.....	745	411,661	1	470	.....	.....	5	2,050	.....	.....	.....	.....	993,396	1,628,590	14
5	4,768	.....	.....	205	60,871	4	920	1	166	.....	.....	.....	.....	.....	.....	83,206	210,745	15
6	3,850	.....	.....	47	16,777	.....	.....	.....	.....	.....	.....	1	175	.....	.....	33,778	68,230	16
61	51,128	1	450	641	308,980	3	950	3	294	37	5,674	.....	.....	.....	.....	517,886	1,148,885	17
23	14,982	.....	.....	191	123,172	.....	.....	.....	.....	4	500	.....	.....	.....	.....	204,018	407,341	18
5	5,600	.....	.....	94	49,613	1	520	2	900	24	12,600	.....	.....	.....	.....	38,487	173,194	19
23	24,180	.....	.....	275	137,454	12	3,864	11	1,104	.....	.....	.....	.....	.....	.....	408,931	693,400	20
438	583,579	15	11,990	3,796	2,694,215	91	36,248	51	12,056	218	192,753	6	2,264	.....	.....	5,451,192	11,433,865	21
8	4,080	.....	.....	183	115,920	.....	.....	5	1,180	2	60	.....	.....	.....	.....	60,744	245,397	22
14	11,724	.....	.....	319	169,787	6	1,930	1	150	.....	.....	.....	.....	.....	.....	109,883	420,133	23
36	25,626	.....	.....	679	259,586	6	1,245	2	100	1	650	.....	.....	.....	.....	284,184	933,150	24
185	143,793	19	10,096	1,399	661,306	57	24,570	12	426	46	28,664	4	1,488	.....	.....	1,240,667	2,762,466	25
5	3,410	.....	.....	56	14,122	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,184	58,775	26
48	32,958	.....	.....	331	175,516	16	6,142	3	138	236	32,905	.....	.....	.....	.....	582,258	1,097,275	27
5	3,100	.....	.....	116	43,455	1	240	.....	.....	17	1,750	.....	.....	.....	.....	87,796	188,989	28
32	30,905	3	1,920	132	93,845	10	3,214	.....	.....	1	50	6	750	.....	.....	553,886	875,744	29
40	29,528	.....	.....	421	213,462	7	2,208	13	1,355	26	20,056	.....	.....	.....	.....	359,738	882,273	30
92	46,846	.....	.....	263	97,721	4	620	3	398	14	3,325	2	1,321	.....	.....	295,424	626,902	31
10	7,448	.....	.....	22	11,669	.....	.....	1	200	1	500	.....	.....	.....	.....	81,772	115,285	32
2	900	.....	.....	12	1,350	1	800	.....	.....	2	400	.....	.....	.....	.....	5,673	16,700	33

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

WEST VIRGINIA.

BY SPECIFIED INDUSTRIES.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
1	All industries	2,376	$28,118,030	$16,464,520	$3,615,607	$4,138,734	$8,710,179	$11,653,510	$1,960,929	21,969	$8,330,997
2	Baskets and rattan and willow ware	3	871	45			45	826	180	3	770
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	246	162,837	82,008	23,211	33,475	25,322	80,829	7,180	309	123,670
4	Boots and shoes, custom work and repairing.	95	50,619	21,222	4,897	7,186	9,139	29,397	5,708	136	52,364
5	Bread and other bakery products	32	98,817	63,094	19,209	29,439	14,455	35,723	14,142	110	55,552
6	Brick and tile. (See also Clay and pottery products.)	27	202,946	155,297	54,915	50,828	49,554	47,649	3,036	403	116,781
7	Brooms and brushes	3	39,066	12,200	3,000	7,000	2,200	26,866	9,682	19	6,749
8	Carpentering	15	113,505	6,655	1,805	700	4,150	106,850	1,142	90	49,333
9	Carpets, rag	3	1,280	600	300	150	150	680	163	4	2,370
10	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	56	258,423	146,785	45,700	67,140	33,945	111,638	9,125	219	193,559
11	Cars and general shop construction and repairs by steam railroad companies.	7	533,305	413,145	52,450	240,700	119,995	120,160		1,036	442,552
12	Cheese, butter, and condensed milk, factory product.	3	6,905	5,025	200	2,875	1,950	1,880	146	4	630
13	Chemicals. (See also Fertilizers.)	3	48,100	32,900	7,000	11,500	14,400	15,200	8,978	24	13,323
14	Clay and pottery products. (See also Brick and tile.)	8	86,682	62,205	38,200	15,700	8,305	24,477	2,759	68	27,828
15	Clothing, men's, custom work and repairing.	39	240,888	50,302	14,200	26,225	9,877	199,586	18,494	423	201,332
16	Clothing, women's, dressmaking	85	25,539	15,583	5,100	4,540	5,943	9,956	6,924	192	54,997
17	Coffee and spice, roasting and grinding	4	51,886	9,760			9,760	42,126	7,196	15	8,795
18	Coffins and burial cases, trimming and finishing.	9	9,855	4,495	690	2,125	1,680	5,360	268	10	2,751
19	Coke	45	1,716,837	1,592,526	213,345	70,097	1,309,084	124,311	53,310	1,074	310,268
20	Confectionery	11	42,571	14,540	2,100	2,150	10,290	28,031	5,442	73	34,728
21	Coöperage	19	27,298	8,515	4,150	2,655	1,710	18,783	1,337	76	30,532
22	Dentistry, mechanical	6	3,260	1,560			1,560	1,700	1,509	9	4,686
23	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	5	26,029	17,729	8,300	8,590	929	8,300	1,992	17	5,152
24	Dyeing and cleaning	5	6,140	4,400			4,400	1,740	2,214	21	8,535
25	Dye stuffs and extracts	3	63,500	33,700	1,000	10,200	22,500	29,800	2,005	85	23,277
26	Flouring and grist mill products	496	1,767,003	1,405,749	236,134	431,738	737,877	361,254	64,298	930	277,154
27	Foundry and machine shop products	30	482,940	293,770	68,190	71,580	154,080	189,170	27,737	390	198,614
28	Fruits and vegetables, canning and preserving. (See also Pickles, preserves, and sauces.)	3	16,511	5,211	250	2,000	2,961	11,300	3,098	58	5,121
29	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	25	58,810	30,215	8,030	14,185	8,000	28,595	3,320	68	28,041
30	Furniture, factory product. (See also Furniture, chairs.)	3	189,984	74,500	13,000	21,000	40,500	115,484	15,638	172	66,726
31	Gas, illuminating and heating	3	714,431	681,400	22,000	34,800	624,600	33,031	10,140	72	39,558
32	Glass	7	825,313	377,757	33,000	213,000	131,757	447,556	40,805	1,405	558,025
33	Hardware. (See also Tools, not elsewhere specified.)	3	135,421	86,140	12,050	23,190	50,900	49,281	7,016	85	26,624
34	Ice, artificial	4	166,565	162,900	14,650	28,850	118,500	4,565	5,715	59	18,455
35	Iron and steel	7	4,215,097	2,075,661	143,000	734,591	1,198,070	2,139,436	102,624	2,065	1,176,693
36	Iron and steel, nails and spikes, cut and wrought, including wire nails.	6	2,343,827	1,532,943	263,000	350,000	919,943	810,884	47,008	1,795	682,176
37	Leather, tanned and curried	50	567,972	151,140	38,710	79,000	33,430	415,932	28,465	240	103,937
38	Lime and cement	5	75,575	56,375	37,500	15,500	3,375	19,200	1,012	72	14,865
39	Liquors, malt	6	833,768	470,593	68,593	169,500	232,500	363,175	188,911	181	118,992
40	Lock and gun smithing	8	4,890	1,725			1,725	3,165	1,482	11	4,040
41	Looking-glass and picture frames	6	14,480	2,450	800	150	1,500	12,030	1,868	10	4,546
42	Lumber and other mill products from logs or bolts.	428	4,541,072	2,475,732	996,012	198,457	1,281,263	2,065,340	163,140	4,398	1,164,254
43	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	50	493,113	241,163	51,575	69,945	119,643	251,950	25,623	498	214,622
44	Masonry, brick and stone. (See also Plastering and stuccowork.)	3	5,600	1,450			1,450	4,150	1,691	42	23,620
45	Millinery, custom work	21	63,903	21,617	10,000	10,000	1,617	42,286	8,572	92	29,545
46	Mineral and soda waters	8	51,495	27,050	5,600	4,600	16,850	24,445	5,173	28	11,786

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

WEST VIRGINIA.

BY SPECIFIED INDUSTRIES.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
2,475	$1,357,604	154	$61,614	14,963	$5,611,054	912	$167,964	763	$102,167	2,111	$935,743	543	$88,219	48	$6,632	$23,729,089	$38,702,125	1
3	770															822	1,800	2
219	92,389			88	30,761					2	520					68,421	247,195	3
83	31,870			34	14,760					17	5,362	2	372			42,551	120,713	4
33	22,748	10	4,012	55	25,115	3	1,450	9	2,227							121,745	229,380	5
15	9,165	1	65	344	100,998			34	3,813	9	2,740					57,309	249,493	6
7	4,124			5	1,700	6	800	1	125							36,651	65,150	7
17	10,239			67	35,494					6	3,600					96,518	187,810	8
3	1,870					1	500									3,410	6,940	9
52	28,313			158	73,196			5	772	4	1,278					106,932	257,150	10
14	9,217			1,022	433,335											467,841	910,393	11
				4	630											5,242	6,540	12
4	2,760			16	8,763					4	1,800					31,513	88,702	13
7	4,804			43	16,147			6	664	10	5,713	2	500			12,640	55,372	14
46	44,502	2	700	100	62,696	145	35,661	3	322	54	36,600	71	20,539	2	312	241,285	556,594	15
		77	33,818			115	21,179									159,889	242,785	16
3	2,650			5	3,685	1	500			2	960	4	1,000			476,001	515,685	17
9	2,651									1	100					2,735	6,810	18
40	25,893			659	179,905			7	768	368	103,702					709,576	1,130,762	19
14	8,644	6	2,371	26	12,604	6	1,761	3	612	12	7,020	6	1,716			92,290	190,430	20
10	5,732			30	8,950					36	15,850					41,323	85,418	21
6	3,960			2	500	1	226									3,362	15,050	22
7	2,545	1	500	4	1,500	4	542	1	65							15,556	34,600	23
4	2,510	5	1,766	8	3,572	4	687									2,839	16,155	24
4	2,820			81	20,457											48,195	113,518	25
385	136,195			539	139,986	1	52			5	921					3,228,786	3,902,994	26
35	29,038			337	158,837			3	211	15	10,528					185,521	506,513	27
1	500			18	3,145	22	1,109	17	367							20,862	36,750	28
23	10,609			39	16,088	1	208	3	250	2	886					33,254	83,163	29
5	4,407			154	56,105					13	6,214					78,580	183,602	30
6	6,100			52	30,458			14	3,000							30,859	144,971	31
34	46,946			334	140,289	127	21,796	190	29,206	636	306,060	03	10,836	21	2,892	277,033	945,234	32
4	4,524			42	18,200	4	400	35	3,500							45,816	93,649	33
8	4,575	1	480	39	13,300			2	100							12,870	70,500	34
52	72,204			2,013	1,098,489											5,606,883	7,490,934	35
25	32,521	2	780	1,603	624,022	5	1,200	160	23,653							2,329,933	3,140,931	36
30	15,450			208	88,127					2	360					680,298	896,120	37
2	500			70	14,365											13,895	38,045	38
26	27,232	1	300	151	90,836									3	624	323,894	747,402	39
9	3,730							2	310							1,768	10,795	40
6	3,071			3	1,400			1	75							15,845	33,650	41
578	204,753	5	1,510	3,593	932,016	5	508	43	4,730	84	20,737					2,968,511	5,239,340	42
54	33,426			420	176,881	6	1,500	12	2,215	6	600					543,793	910,640	43
3	3,060			39	20,620											17,087	43,877	44
8	5,297	30	11,569			54	12,679									65,295	124,752	45
7	5,404			14	5,178			6	1,129					1	75	13,221	54,960	46

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY WEST VIRGINIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
47	Monuments and tombstones. (See also Marble and stone work.)	8	$31,010	$9,485	$4,300	$3,800	$1,385	$21,525	$1,755	39	$17,493
48	Painting and paper hanging	10	24,519	8,185	6,000	100	2,085	16,334	1,451	52	32,912
49	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	4	81,170	8,170	2,000	1,920	4,250	73,000	12,821	28	12,782
50	Petroleum, refining	4	1,348,322	636,679	208,368	161,999	266,312	711,643	42,834	221	96,992
51	Photography	10	34,876	21,870	.....	.....	21,870	13,006	5,507	40	22,876
52	Plastering and stuccowork. (See also Masonry, brick and stone.)	3	2,274	275	.....	.....	275	1,999	560	13	7,568
53	Plumbing and gas fitting	12	151,946	79,559	34,500	21,500	23,559	72,387	6,542	126	70,366
54	Printing and publishing, book and job	12	61,641	33,366	1,700	3,050	28,616	28,275	6,511	68	28,578
55	Printing and publishing, newspapers and periodicals.	103	438,110	307,900	20,950	36,100	250,859	130,210	74,383	532	222,052
56	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	14	80,009	10,868	1,175	3,530	6,163	69,141	6,880	70	39,067
57	Saddlery and harness	66	175,356	53,591	18,460	21,810	13,321	121,765	10,563	170	66,489
58	Salt	5	361,966	331,450	102,416	159,334	69,700	30,516	15,043	165	67,548
59	Sausage. (See also Slaughtering and meat packing, wholesale.)	5	9,865	7,740	1,600	3,340	2,800	2,125	613	11	4,740
60	Shipbuilding	4	21,303	15,475	2,800	8,050	4,625	5,828	2,307	57	17,550
61	Timber products, not manufactured at mill.	26	545,042	396,412	352,550	.....	43,862	148,630	40,371	478	89,059
62	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	27	144,230	74,940	27,650	34,650	12,640	69,290	6,868	107	59,759
63	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	55	172,889	71,853	26,225	37,800	7,828	101,036	142,920	507	228,837
64	Watch, clock, and jewelry repairing	19	14,598	10,010	1,350	5,300	3,360	4,588	2,019	27	11,432
65	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	3	25,285	13,200	1,100	5,500	6,600	12,085	1,096	43	14,360
66	Woolen goods. (See also Hats and caps, not including wool hats; Hosiery and knit goods.)	30	336,281	167,270	15,295	54,400	97,575	169,011	15,418	287	61,919
67	All other industries (a)	52	2,664,309	1,277,290	265,311	511,360	500,619	1,387,019	648,199	1,936	715,790

a Embraces agricultural implements, 2; awnings, tents, and sails, 2; bone, ivory, and lamp black, 1; boxes, fancy and paper, 2; boxes, wooden packing, 2; brass castings and brass finishing, 1; bridges, 1; carriage and wagon materials, 1; cars, steam railroad, not including operations of railroad companies, 1; clothing, horse, 1; dyeing and finishing textiles, 1; fertilizers, 1; files, 1; fruit jar trimmings, 1; furniture, chairs, 2; glue, 1; grease and tallow, 1; hairwork, 1; hats and caps, not including wool hats, 1; hosiery and knit goods, 2; kaolin and other earth grinding, 1; liquors, distilled, 2; marble and stone work, 2; mattresses and

BY COUNTIES.

1	The State	2,376	28,118,030	16,464,520	3,615,607	4,138,734	8,710,179	11,653,510	1,960,929	21,969	8,330,997
2	Barbour	36	82,905	56,370	13,910	11,375	31,085	26,535	1,782	145	33,009
3	Berkeley	42	320,297	259,392	49,117	126,050	84,225	60,905	6,847	459	163,106
4	Boone	24	336,138	308,822	272,450	5,723	30,649	27,316	7,432	146	30,155
5	Braxton	8	12,590	7,100	725	1,685	4,750	5,430	561	24	8,448
6	Brooks	18	247,687	128,244	13,260	66,800	48,184	119,443	11,060	469	189,320
7	Cabell	43	1,548,904	612,771	60,961	287,503	264,247	936,133	49,933	1,127	479,898
8	Calhoun	10	15,365	13,135	870	8,115	4,150	2,230	636	15	3,534
9	Clay	9	32,979	27,054	15,420	4,487	7,147	5,925	3,602	55	9,739
10	Doddridge	22	58,055	44,580	3,755	9,095	31,730	13,475	2,323	64	14,214
11	Fayette	42	838,586	752,770	70,095	65,734	616,941	85,816	23,028	508	169,485
12	Gilmer	22	47,092	36,675	2,275	9,690	24,610	10,417	1,399	49	11,298
13	Grant	12	176,498	97,325	33,425	15,150	48,750	79,173	10,272	120	50,396
14	Greenbrier	47	441,003	277,630	98,540	29,285	149,805	163,373	14,367	276	80,092
15	Hampshire	42	247,974	93,637	12,825	41,177	39,635	154,337	15,201	128	40,177
16	Hancock	30	225,788	172,695	69,080	52,450	51,165	53,093	2,756	250	110,006
17	Hardy	8	10,725	9,500	425	5,950	3,125	1,225	587	9	2,195
18	Harrison	93	464,246	266,604	38,959	56,425	171,220	197,642	23,440	383	106,201
19	Jackson	39	94,408	70,165	9,795	12,090	48,283	24,243	6,657	166	43,610
20	Jefferson	49	792,282	649,370	213,875	185,675	249,820	142,912	25,013	355	98,413
21	Kanawha	70	1,015,973	589,163	213,568	93,935	281,660	426,810	68,673	886	304,862
22	Lewis	46	176,615	76,584	17,489	17,165	41,930	100,031	11,603	111	36,904
23	Lincoln	18	25,180	16,315	4,270	2,095	9,950	8,865	13,191	57	18,369
24	McDowell	8	294,182	278,622	250	6,730	271,642	15,560	11,992	244	60,263
25	Marion	71	600,668	434,105	191,505	63,923	178,677	166,563	30,355	373	128,840
26	Marshall	61	3,474,518	1,822,232	178,365	632,386	1,011,481	1,652,286	91,819	1,947	962,649

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

WEST VIRGINIA—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
9	$5,280	.....	.....	30	$12,213	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$18,993	$53,605	47
11	7,854	.....	.....	38	24,383	.....	.....	3	$675	.....	.....	.....	.....	.....	.....	17,873	65,800	48
14	8,570	.....	.....	7	2,744	7	$1,468	.....	.....	.....	.....	.....	.....	.....	.....	38,370	89,560	49
22	18,474	.....	.....	154	66,387	.....	.....	10	600	35	$11,531	.....	.....	.....	.....	951,576	1,171,374	50
11	10,864	2	$416	20	10,010	7	1,586	.....	.....	.....	.....	.....	.....	.....	.....	19,952	68,134	51
4	3,220	.....	.....	9	4,348	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,001	12,202	52
22	19,931	1	150	92	48,048	.....	.....	11	2,237	.....	.....	.....	.....	.....	.....	113,223	232,507	53
10	7,154	1	520	26	12,496	12	2,391	7	922	9	4,320	3	$775	.....	.....	17,268	66,786	54
99	66,104	3	1,040	262	115,201	39	7,381	78	6,084	49	25,992	2	250	.....	.....	114,765	537,362	55
17	12,320	.....	.....	52	27,491	.....	.....	1	156	.....	.....	.....	.....	.....	.....	63,375	138,130	56
58	27,190	.....	.....	85	33,960	9	1,000	8	1,103	10	3,236	.....	.....	.....	.....	112,746	250,839	57
13	8,171	.....	.....	152	59,377	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42,839	136,638	58
4	2,020	.....	.....	7	2,720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,873	24,624	59
2	700	.....	.....	55	16,850	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,252	38,980	60
21	7,520	.....	.....	385	78,639	.....	.....	.....	.....	72	2,900	.....	.....	.....	.....	54,786	275,725	61
35	26,638	.....	.....	67	32,085	.....	.....	5	1,036	.....	.....	.....	.....	.....	.....	68,024	163,854	62
44	30,432	1	50	59	21,099	28	5,552	18	2,174	287	156,771	49	10,030	21	$2,729	141,813	562,060	63
9	4,134	.....	.....	18	7,298	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,992	24,508	64
3	1,460	.....	.....	40	12,900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,821	50,535	65
33	11,462	1	50	129	31,117	82	13,688	11	424	9	2,130	22	3,048	.....	.....	202,801	328,800	66
133	108,448	4	1,517	857	328,578	217	32,140	54	8,642	352	197,312	319	39,153	.....	.....	2,358,097	4,376,835	67

spring beds, 1; oil, lubricating, 1; paper, 2; pickles, preserves, and sauces, 2; plumbers' supplies, 1; pulp, wood, 2; pumps, not including steam pumps, 1; slaughtering and meat packing, wholesale, 2; soap and candles, 1; tobacco, chewing, smoking, and snuff, 2; tools, not elsewhere specified, 1; umbrellas and canes, 1; upholstery materials, 1; vinegar and cider, 1; whips, 1; woodenware, not elsewhere specified, 1.

BY COUNTIES.

2,475	1,357,604	154	61,614	14,963	5,611,054	912	167,954	763	102,167	2,111	935,743	543	88,219	48	6,632	23,729,089	38,702,125	1
34	11,408	.....	.....	107	20,921	.....	.....	.....	.....	4	680	.....	.....	.....	.....	95,870	154,201	2
30	9,555	.....	.....	425	153,241	.....	.....	3	235	.....	.....	.....	.....	1	75	210,552	403,213	3
16	3,855	.....	.....	130	26,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53,590	117,355	4
5	2,112	.....	.....	19	6,336	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,282	28,705	5
21	14,782	.....	.....	210	85,908	33	4,776	53	7,915	142	74,939	.....	.....	10	1,000	153,572	399,338	6
50	30,654	.....	.....	726	253,276	25	6,010	52	8,119	274	182,839	.....	.....	.....	.....	1,437,010	2,353,576	7
8	2,365	.....	.....	7	1,169	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,845	18,243	8
6	1,824	.....	.....	39	7,815	.....	.....	.....	.....	10	100	.....	.....	.....	.....	18,754	37,917	9
26	8,284	.....	.....	38	5,650	1	180	.....	.....	1	100	.....	.....	.....	.....	81,253	110,544	10
44	26,396	1	70	306	94,335	.....	.....	1	139	156	48,545	.....	.....	.....	.....	428,165	632,067	11
22	6,939	.....	.....	25	4,159	.....	.....	.....	.....	2	200	.....	.....	.....	.....	67,769	91,384	12
18	11,338	.....	.....	99	38,673	2	325	1	60	.....	.....	.....	.....	.....	.....	138,468	234,562	13
41	18,258	.....	.....	216	62,598	11	929	5	87	3	220	.....	.....	.....	.....	260,359	406,703	14
42	15,436	.....	.....	83	24,201	.....	.....	.....	.....	3	450	.....	.....	.....	.....	242,520	374,891	15
28	15,473	.....	.....	199	84,571	3	720	9	1,542	11	7,200	2	500	.....	.....	103,745	285,969	16
5	1,144	.....	.....	4	1,051	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,838	22,236	17
73	27,875	.....	.....	270	72,033	18	3,695	7	774	4	576	11	1,248	.....	.....	380,833	609,217	18
38	14,309	.....	.....	123	28,455	1	60	3	386	1	300	.....	.....	.....	.....	145,569	225,132	19
39	18,276	.....	.....	303	78,470	7	1,182	3	240	3	245	.....	.....	.....	.....	237,329	445,272	20
86	47,502	1	480	670	229,083	38	10,098	10	512	81	17,187	.....	.....	.....	.....	714,174	1,320,703	21
40	18,224	.....	.....	65	17,565	4	1,015	2	100	.....	.....	.....	.....	.....	.....	124,529	218,460	22
11	3,722	.....	.....	46	14,647	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30,739	70,378	23
5	2,040	.....	.....	162	38,739	.....	.....	6	629	71	18,855	.....	.....	.....	.....	114,843	229,014	24
66	32,021	.....	.....	240	77,835	10	1,821	5	568	49	15,820	3	775	.....	.....	433,741	681,577	25
92	81,239	1	405	1,825	877,952	2	229	27	2,824	.....	.....	.....	.....	.....	.....	4,841,447	6,359,553	26

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

WEST VIRGINIA—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
27	Mason	30	$620,355	$422,205	$146,296	$162,609	$113,300	$198,150	$34,588	339	$121,530
28	Mercer	36	375,481	326,161	26,470	20,560	279,131	49,320	5,040	277	79,004
29	Mineral	35	428,321	261,519	38,130	71,145	152,244	166,802	18,379	585	237,153
30	Monongalia	70	152,245	114,148	14,513	33,730	65,905	38,097	8,354	177	47,597
31	Monroe	35	104,102	76,009	13,391	18,090	44,528	28,093	4,223	122	25,789
32	Morgan	10	29,525	24,010	9,025	3,515	11,470	5,515	1,149	37	11,990
33	Nicholas	39	30,193	26,610	4,323	8,715	13,572	3,583	1,156	69	9,704
34	Ohio	439	8,571,857	4,677,726	769,243	1,261,361	2,647,122	3,894,131	1,210,127	6,899	3,055,692
35	Pendleton	34	65,747	48,617	19,125	18,005	20,487	17,130	2,533	53	14,147
36	Pleasants	14	29,000	19,665	1,930	6,150	11,585	9,335	1,031	35	10,972
37	Pocahontas	32	64,126	35,010	4,040	10,775	20,195	29,116	1,427	73	16,713
38	Preston	89	570,445	405,353	54,370	81,770	269,213	165,092	30,597	528	122,729
39	Putnam	28	88,316	52,856	19,612	5,645	27,599	35,460	2,956	128	31,701
40	Raleigh	15	49,930	33,530	2,500	5,200	25,830	16,400	1,511	75	16,046
41	Randolph	51	165,340	102,071	33,060	15,331	53,680	63,269	3,857	226	41,041
42	Ritchie	60	267,732	201,310	87,170	30,735	83,405	66,422	8,159	226	67,325
43	Roane	33	54,819	41,830	4,255	10,480	27,095	12,980	1,876	76	14,388
44	Summers	35	103,689	80,000	20,990	8,200	50,810	23,689	1,768	181	40,164
45	Taylor	46	359,781	245,475	29,465	129,220	86,790	114,306	14,063	542	204,542
46	Tucker	23	172,122	140,032	35,142	15,425	89,465	32,090	8,497	241	58,038
47	Tyler	29	97,332	70,345	17,930	11,675	40,740	26,987	3,496	206	57,850
48	Upshur	58	476,834	326,096	147,845	40,175	138,076	150,738	6,468	341	118,359
49	Wayne	27	356,226	155,165	73,685	16,870	64,610	201,061	18,997	334	86,499
50	Webster	12	74,720	61,295	45,295	8,195	7,805	13,425	1,247	38	8,325
51	Wetzel	28	131,468	88,417	17,665	16,540	54,212	43,051	4,855	142	32,442
52	Wirt	20	150,570	74,605	39,950	6,155	28,500	75,965	4,933	211	56,240
53	Wood	172	2,882,455	1,217,190	344,943	309,645	562,602	1,665,265	134,766	1,407	591,137
54	All other counties (*a*)	8	64,650	36,350	19,035	1,865	15,450	28,300	1,387	35	7,797

a Includes establishments distributed as follows: Logan, 7; Wyoming, 1.

WISCONSIN.

BY SPECIFIED INDUSTRIES.

1	All industries	10,417	246,515,404	125,455,518	57,766,281	24,461,110	43,228,127	121,059,886	18,602,764	132,031	51,843,703
2	Agricultural implements	51	10,611,185	2,569,460	450,828	899,891	1,218,741	8,041,725	617,242	3,031	1,489,673
3	Awnings, tents, and sails	13	24,461	5,626	1,700	600	3,326	18,835	3,091	62	25,750
4	Baking and yeast powders	3	177,350	66,100	6,500	49,000	10,600	111,250	58,287	46	17,861
5	Baskets and rattan and willow ware	8	90,150	59,540	21,825	19,750	17,965	30,610	4,194	140	43,454
6	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	798	1,180,056	744,671	267,717	314,447	162,507	435,385	47,269	1,255	674,904
7	Bookbinding and blank-book making. (See also Printing and publishing.)	23	105,416	51,326	500	2,000	48,826	54,090	13,289	220	94,235
8	Boot and shoe uppers	5	4,720	1,750			1,750	2,970	584	17	6,080
9	Boots and shoes, custom work and repairing.	508	489,669	321,520	117,501	141,168	62,851	168,149	42,195	747	298,795
10	Boots and shoes, factory product	32	2,621,606	623,385	166,350	145,976	311,059	1,998,221	146,345	2,155	875,785
11	Bottling. (See also Liquors, malt; Mineral and soda waters.)	12	27,618	23,621	7,975	11,242	4,404	3,997	2,169	23	7,303
12	Boxes, cigar	7	123,495	66,855	15,000	22,824	29,031	56,640	8,016	181	54,365
13	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	7	85,205	56,260	14,000	18,000	24,260	28,945	5,240	177	55,135
14	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	24	381,937	202,477	70,220	33,920	98,337	179,460	23,508	565	191,553
15	Brass castings and brass finishing. (See also Plumbers' supplies.)	5	311,942	138,675	30,600	24,625	83,450	173,267	15,221	195	97,918
16	Bread and other bakery products	256	936,863	604,790	228,420	227,407	148,963	332,073	85,367	1,000	425,483
17	Brick and tile. (See also Clay and pottery products.)	137	2,388,393	1,575,505	886,085	259,873	429,547	812,888	114,503	2,819	680,705
18	Bridges	4	162,600	72,350	6,600	11,250	54,500	90,250	14,516	215	131,815
19	Brooms and brushes	41	79,849	46,028	20,435	12,975	12,618	33,821	4,222	144	49,432
20	Carpentering	367	1,576,638	539,179	226,713	132,675	179,791	1,037,459	114,666	3,465	1,942,030
21	Carpets, rag	30	55,431	47,265	21,950	21,850	3,465	8,166	3,015	51	17,733
22	Carriage and wagon materials	13	79,776	41,525	16,300	12,000	13,225	38,251	4,022	85	34,381
23	Carriages and sleds, children's	3	211,588	114,595	60,000	31,000	23,595	96,993	15,354	217	66,921
24	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	500	7,046,491	2,418,397	777,648	1,035,728	605,021	4,628,094	354,575	3,723	1,834,965
25	Cars and general shop construction and repairs by steam railroad companies.	22	1,681,235	1,284,544	189,775	679,850	414,919	396,711		2,198	1,262,410
26	Cheese, butter, and condensed milk, factory product.	966	1,833,988	1,278,049	85,281	698,600	494,168	555,939	75,721	1,817	545,361

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

WEST VIRGINIA—Continued.

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
24	$13,843	1	$520	296	$98,997	1	$156	.....	.....	17	$8,014	.....	.....	.....	.....	$150,484	$352,726	27
25	8,383	.....	.....	218	52,175	.....	.....	1	$15	33	9,431	.....	.....	.....	.....	176,595	283,014	28
36	18,974	.....	.....	538	216,757	1	247	10	1,175	.....	.....	.....	.....	.....	.....	368,478	685,577	29
60	17,606	.....	.....	109	28,417	4	550	2	100	2	924	.....	.....	.....	.....	122,566	210,416	30
30	11,444	.....	.....	91	14,045	.....	.....	.....	.....	1	300	.....	.....	.....	.....	157,070	215,098	31
12	6,065	.....	.....	16	5,205	1	120	.....	.....	8	600	.....	.....	.....	.....	37,040	71,188	32
30	6,534	.....	.....	38	2,990	.....	.....	.....	.....	1	180	.....	.....	.....	.....	64,791	84,867	33
639	525,356	125	50,403	3,515	1,728,199	602	115,054	476	69,646	1,010	483,549	497	$78,240	35	$5,245	7,432,873	13,109,836	34
30	10,592	.....	.....	23	3,555	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61,957	86,767	35
16	5,134	.....	.....	19	5,838	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38,688	57,585	36
26	7,275	.....	.....	47	9,438	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65,484	93,810	37
76	29,303	.....	.....	354	75,374	8	640	10	660	73	15,602	7	1,150	.....	.....	366,973	567,056	38
24	7,078	.....	.....	103	24,523	.....	.....	.....	.....	1	100	.....	.....	.....	.....	89,058	165,773	39
11	2,406	.....	.....	61	13,354	1	30	2	256	.....	.....	.....	.....	.....	.....	52,166	79,166	40
43	11,716	.....	.....	163	28,961	.....	.....	4	464	16	800	.....	.....	.....	.....	116,979	204,968	41
60	22,344	3	864	157	43,664	5	393	.....	.....	.....	.....	1	60	.....	.....	224,847	393,153	42
27	7,059	.....	.....	48	7,104	1	225	.....	.....	.....	.....	.....	.....	.....	.....	77,537	111,811	43
29	11,266	.....	.....	128	28,168	12	450	12	280	.....	.....	.....	.....	.....	.....	111,881	192,709	44
37	15,281	2	900	475	181,522	13	2,178	2	480	7	3,281	6	900	.....	.....	263,093	520,957	45
25	9,915	.....	.....	196	43,962	1	180	1	75	13	3,906	.....	.....	.....	.....	141,947	315,089	46
27	10,136	1	50	155	45,250	13	1,644	1	30	9	740	.....	.....	.....	.....	151,131	248,547	47
66	26,143	.....	.....	251	88,053	11	1,471	.....	.....	13	2,692	.....	.....	.....	.....	344,410	560,747	48
18	6,876	.....	.....	305	78,473	.....	.....	11	1,150	.....	.....	.....	.....	.....	.....	209,379	384,593	49
10	2,312	.....	.....	28	6,013	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,747	35,120	50
34	12,160	.....	.....	102	19,672	2	250	3	130	1	230	.....	.....	.....	.....	139,530	203,340	51
23	7,930	.....	.....	174	43,960	1	150	3	200	10	4,000	.....	.....	.....	.....	78,605	147,305	52
183	119,260	19	7,922	993	407,597	80	14,186	38	3,376	76	33,138	16	5,346	2	312	2,284,686	3,455,372	53
10	2,182	.....	.....	25	5,615	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,208	35,325	54

WISCONSIN.

BY SPECIFIED INDUSTRIES.

10,949	8,448,995	1,076	436,446	96,224	36,341,738	6,670	1,456,403	1,727	212,549	9,096	3,942,838	6,081	979,610	208	25,129	145,437,016	248,546,164	1
251	284,334	15	7,646	2,060	895,530	16	2,061	19	2,442	670	297,660	.....	.....	.....	.....	1,928,182	5,015,512	2
13	8,193	.....	.....	28	13,865	21	3,692	.....	.....	.....	.....	.....	.....	.....	.....	29,789	69,094	3
9	8,391	.....	.....	21	5,520	10	2,650	.....	.....	.....	.....	6	1,200	.....	.....	82,470	295,482	4
9	4,020	.....	.....	78	28,049	21	2,200	.....	.....	25	9,110	.....	.....	7	75	32,154	87,915	5
632	308,886	1	50	604	261,663	.....	.....	1	260	16	4,005	.....	.....	1	40	365,115	1,256,076	6
21	16,392	.....	.....	117	63,659	65	11,411	2	205	.....	.....	15	2,568	.....	.....	66,829	205,938	7
5	1,584	1	140	5	2,654	6	1,702	.....	.....	.....	.....	.....	.....	.....	.....	12,718	20,960	8
371	153,678	1	300	311	121,920	4	955	2	300	58	21,642	.....	.....	.....	.....	229,526	694,605	9
112	98,252	7	3,370	776	341,401	382	90,759	34	4,862	497	245,362	345	91,519	2	260	1,466,557	2,972,233	10
9	4,545	1	200	7	2,058	.....	.....	6	500	.....	.....	.....	.....	.....	.....	24,690	42,347	11
15	12,568	.....	.....	43	16,193	36	6,372	4	644	3	624	80	17,964	.....	.....	116,997	203,455	12
8	8,712	.....	.....	33	16,135	51	7,320	.....	.....	2	672	83	22,296	.....	.....	36,646	132,100	13
30	27,170	2	500	375	133,398	.....	.....	43	6,300	42	18,425	73	5,760	.....	.....	401,072	781,105	14
14	15,440	.....	.....	151	70,651	1	375	5	1,079	24	10,373	.....	.....	.....	.....	227,195	370,451	15
282	174,152	33	10,155	517	213,042	127	18,534	13	2,146	27	7,154	.....	.....	1	300	1,209,613	2,064,288	16
114	69,157	1	800	2,568	689,065	7	550	85	5,336	44	15,887	.....	.....	.....	.....	373,361	1,642,465	17
21	25,156	.....	.....	194	106,659	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	227,217	437,659	18
32	14,879	.....	.....	54	18,218	2	458	4	230	50	15,495	2	162	.....	.....	78,521	150,880	19
392	287,785	.....	.....	3,054	1,647,617	.....	.....	6	124	13	6,504	.....	.....	.....	.....	3,086,282	5,798,930	20
25	9,495	4	1,188	14	4,620	2	832	1	104	5	1,404	.....	.....	.....	.....	13,611	40,196	21
17	8,690	1	125	52	20,723	.....	.....	2	208	12	4,260	1	375	.....	.....	47,037	96,739	22
7	4,999	1	260	95	31,518	33	4,108	13	1,650	68	24,386	.....	.....	.....	.....	83,944	187,423	23
464	362,406	8	3,508	2,646	1,192,689	54	13,074	35	6,700	504	254,291	4	960	8	1,337	3,075,538	5,947,499	24
49	44,178	1	600	2,146	1,216,432	.....	.....	.....	.....	2	1,200	.....	.....	.....	.....	898,673	2,221,152	25
440	139,572	4	562	1,278	389,707	69	9,201	12	1,197	14	5,122	.....	.....	.....	.....	5,876,630	6,960,711	26

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

WISCONSIN—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.					Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
27	Chemicals. (See also Fertilizers; Gunpowder; Paints.)	6	$194,000	$98,000	$22,800	$54,500	$20,700	$96,000	$16,440	71	$36,403
28	China, decorating. (See also Clay and pottery products.)	3	127,165	20,875	.....	.....	20,875	106,290	14,078	62	24,310
29	Clay and pottery products. (See also Brick and tile.)	16	185,340	94,952	31,798	26,503	36,651	90,388	12,634	150	68,820
30	Clothing, horse	4	115,154	19,900	2,000	3,000	14,900	95,254	7,898	254	55,822
31	Clothing, men's, custom work and repairing.	342	1,584,133	349,916	136,940	157,198	55,778	1,234,217	135,447	2,334	1,227,033
32	Clothing, men's, factory product	27	3,200,775	87,008	5,000	25,000	57,008	3,113,767	258,831	2,804	735,725
33	Clothing, women's, dressmaking	567	265,373	143,264	49,615	48,685	44,964	122,109	59,559	1,080	449,813
34	Clothing, women's, factory product	4	140,095	29,675	8,000	10,000	11,675	110,420	12,748	460	76,709
35	Coffee and spice, roasting and grinding	7	306,522	95,710	18,000	32,000	45,710	300,812	36,101	84	50,071
36	Coffins and burial cases, trimming and finishing.	14	66,929	27,369	3,425	12,000	11,944	39,560	3,395	39	18,538
37	Coffins, burial cases, and undertakers' goods.	4	113,751	37,152	10,000	16,132	11,020	76,599	5,759	63	35,499
38	Confectionery	38	507,714	160,707	30,600	52,907	77,200	347,007	51,396	519	195,248
39	Cooperage	140	675,399	298,565	129,380	101,095	68,030	376,894	20,931	1,179	572,538
40	Cordage and twine	4	24,540	13,740	4,900	3,600	5,240	10,800	633	27	9,862
41	Cotton goods. (See also Hosiery and knit goods.)	4	892,509	667,022	104,000	103,558	459,464	225,487	52,477	501	142,470
42	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	6	34,202	24,550	6,800	7,500	10,250	9,652	1,875	22	13,209
43	Dentistry, mechanical	75	79,167	38,610	2,900	1,600	34,110	40,557	15,033	115	65,126
44	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	18	79,900	23,135	9,850	8,950	4,335	56,765	4,760	58	16,836
45	Dyeing and cleaning	22	49,910	34,510	11,750	6,600	16,160	15,400	6,762	80	38,746
46	Electrical apparatus and supplies	3	44,700	37,100	22,000	10,000	5,100	7,600	866	15	8,178
47	Electroplating	4	7,425	5,550	2,000	300	3,250	1,875	1,013	15	4,638
48	Fancy articles, not elsewhere specified	11	13,580	6,450	3,000	800	2,650	7,130	2,239	33	9,112
49	Files. (See also Cutlery and edge tools.)	3	21,510	13,000	6,300	1,900	4,800	8,510	1,079	33	16,855
50	Flavoring extracts	4	43,300	2,800	.....	.....	2,800	40,500	5,082	28	16,020
51	Flouring and grist mill products	497	9,804,761	6,783,707	1,338,577	1,767,482	3,677,648	3,021,054	646,648	2,300	1,172,505
52	Food preparations. (See also Fruits and vegetables, canning and preserving.)	8	117,791	76,492	10,180	26,450	39,862	41,299	53,771	93	26,683
53	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	155	8,965,377	4,014,022	982,804	915,210	2,116,008	4,951,355	818,637	5,304	2,836,433
54	Fur goods. (See also Hats and caps, not including wool hats.)	11	289,867	35,725	2,500	10,400	22,825	254,142	28,800	198	96,020
55	Furnishing goods, men's. (See also Shirts.)	6	197,842	8,900	200	.....	8,700	188,942	27,597	301	69,469
56	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	95	496,971	189,615	81,600	73,790	34,225	307,356	35,585	408	206,858
57	Furniture, chairs	11	568,187	249,129	35,350	95,185	118,594	319,058	58,615	615	222,561
58	Furniture, factory product	35	2,702,234	1,004,933	172,849	397,736	434,348	1,697,301	257,821	2,428	1,003,859
59	Gas and lamp fixtures. (See also Lamps and reflectors.)	3	17,600	4,275	.....	.....	4,275	13,325	1,727	25	15,924
60	Gas, illuminating and heating	18	2,900,609	2,756,381	400,600	286,500	2,069,281	144,228	97,445	261	171,161
61	Glass, cutting, staining, and ornamenting.	3	34,175	8,850	600	350	7,900	25,325	2,926	39	22,222
62	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	13	143,500	15,305	1,300	3,725	10,280	128,255	13,062	154	48,165
63	Grease and tallow. (See also Soap and candles.)	9	70,350	42,900	12,550	16,650	13,700	27,450	4,700	32	18,831
64	Hairwork	16	38,813	14,600	4,000	7,200	3,400	24,213	6,140	50	16,903
65	Hand stamps	5	76,873	46,200	2,000	13,000	31,200	30,673	3,420	38	20,590
66	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	3	233,785	125,799	42,000	33,710	50,089	107,986	13,934	162	80,822
67	Hats and caps, not including wool hats. (See also Fur goods; Straw goods, not elsewhere specified.)	9	240,266	104,750	700	65,100	38,950	135,516	20,363	344	119,917
68	Hay and straw, baling	7	40,675	19,950	5,950	6,700	7,300	20,725	1,828	63	15,263
69	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	23	1,214,727	424,719	66,500	120,140	238,079	790,008	102,727	2,296	449,724
70	Iron and steel	9	6,379,893	3,246,776	304,854	709,149	2,232,773	3,133,117	302,405	1,920	1,032,541
71	Iron and steel, nails and spikes, cut and wrought, including wire nails.	3	77,246	56,506	5,050	15,050	36,406	20,740	3,687	40	15,393

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

WISCONSIN—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
10	$11,100	.....	.....	45	$22,728	15	$2,500	.....	.....	.....	.....	1	$75	.....	.....	$82,005	$184,807	27
21	10,600	2	$1,200	37	12,000	2	510	.....	.....	.....	.....	.....	.....	.....	.....	34,696	112,863	28
19	14,444	.....	.....	109	44,338	2	828	.....	.....	20	$9,210	.....	.....	.....	.....	35,771	142,977	29
5	6,800	.....	.....	38	15,749	22	3,580	29	$3,503	10	1,870	120	21,200	30	$3,120	97,020	183,690	30
343	256,715	7	1,990	760	435,006	192	52,841	7	702	817	425,827	208	53,952	.....	.....	1,371,913	3,178,081	31
137	149,472	5	3,261	237	150,704	291	71,130	.....	.....	478	116,791	1,656	244,367	.....	.....	2,317,771	3,909,726	32
11	6,718	565	218,551	.....	.....	1,065	219,586	9	2,029	.....	.....	23	2,704	7	225	1,195,561	2,000,294	33
7	7,760	.....	.....	20	10,380	13	4,400	.....	.....	100	26,000	320	28,169	.....	.....	254,510	410,630	34
20	24,080	.....	.....	49	23,491	13	1,950	2	550	.....	.....	.....	.....	.....	.....	737,208	936,025	35
9	5,570	.....	.....	30	12,968	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,138	66,254	36
11	9,678	.....	.....	30	19,518	14	2,613	.....	.....	8	3,690	.....	.....	.....	.....	29,966	99,494	37
62	51,810	14	3,710	271	114,256	172	25,472	.....	.....	.....	.....	.....	.....	.....	.....	775,569	1,195,375	38
115	64,760	.....	.....	356	151,418	.....	.....	15	5,200	693	351,160	.....	.....	.....	.....	667,529	1,527,008	39
6	3,770	.....	.....	13	5,260	.....	.....	8	832	.....	.....	.....	.....	.....	.....	16,801	32,015	40
11	11,300	.....	.....	198	65,675	239	61,231	53	4,264	.....	.....	.....	.....	.....	.....	382,833	620,196	41
6	4,020	.....	.....	16	9,189	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,613	30,780	42
74	45,657	3	566	32	16,091	3	572	.....	.....	2	2,100	1	140	.....	.....	31,806	140,474	43
22	9,901	.....	.....	18	5,225	17	1,560	.....	.....	1	150	.....	.....	.....	.....	20,709	63,564	44
27	18,714	6	1,652	25	12,412	17	5,274	5	694	.....	.....	.....	.....	.....	.....	13,468	77,180	45
4	2,902	.....	.....	11	5,276	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,488	38,876	46
5	2,824	.....	.....	10	1,814	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	991	6,800	47
3	1,910	6	2,369	1	175	11	2,658	.....	.....	.....	.....	12	2,000	.....	.....	8,208	26,000	48
4	5,075	.....	.....	27	10,980	.....	.....	.....	.....	2	800	.....	.....	.....	.....	11,991	54,082	49
9	10,680	.....	.....	11	4,140	8	1,200	.....	.....	.....	.....	.....	.....	.....	.....	30,024	73,850	50
524	371,015	6	2,432	1,710	780,451	3	710	4	640	53	17,257	.....	.....	.....	.....	20,420,677	24,252,297	51
14	7,429	.....	.....	42	15,134	6	1,028	22	2,387	.....	.....	9	705	.....	.....	52,773	159,898	52
304	345,613	13	5,896	4,556	2,301,224	4	1,285	23	4,174	367	171,456	.....	.....	37	6,785	3,699,370	8,467,290	53
37	26,725	3	1,847	24	21,540	132	45,738	1	100	.....	.....	1	70	.....	.....	590,165	764,399	54
12	9,930	.....	.....	18	7,858	46	8,081	.....	.....	.....	.....	225	43,600	.....	.....	200,175	360,205	55
93	61,103	2	552	296	141,507	5	1,200	6	1,026	5	1,420	1	50	.....	.....	254,571	599,209	56
25	21,388	2	780	441	158,154	58	10,668	10	1,200	55	27,875	24	2,496	.....	.....	242,278	662,501	57
104	101,860	3	850	1,721	719,241	7	1,595	93	15,202	291	152,093	201	10,916	8	2,102	1,240,516	2,954,016	58
4	3,560	.....	.....	21	12,364	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,600	37,800	59
27	31,163	2	660	230	139,158	.....	.....	2	180	.....	.....	.....	.....	.....	.....	192,114	819,596	60
6	7,024	.....	.....	32	15,120	.....	.....	1	78	.....	.....	.....	.....	.....	.....	24,219	53,875	61
9	7,849	2	1,440	37	14,884	30	10,135	3	199	7	3,605	66	10,053	.....	.....	79,396	162,123	62
6	6,800	.....	.....	26	12,031	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,292	66,986	63
10	6,288	8	3,566	2	685	29	6,314	.....	.....	.....	.....	1	50	.....	.....	15,882	47,350	64
9	6,670	1	360	28	13,560	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,212	66,300	65
12	14,419	2	728	115	51,383	.....	.....	6	1,200	27	13,092	.....	.....	.....	.....	65,651	187,202	66
15	16,486	.....	.....	83	44,036	13	2,926	1	175	5	4,515	227	51,779	.....	.....	188,148	363,496	67
6	3,504	.....	.....	56	11,659	.....	.....	1	100	.....	.....	.....	.....	.....	.....	108,990	137,475	68
53	68,580	4	2,006	273	112,136	540	112,327	65	8,160	9	1,694	1,312	142,327	40	2,500	899,371	1,635,641	69
29	50,394	1	360	1,830	967,937	.....	.....	60	13,850	.....	.....	.....	.....	.....	.....	4,613,753	6,501,761	70
6	4,890	.....	.....	21	8,264	3	294	7	1,050	3	900	.....	.....	.....	.....	32,367	56,221	71

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

WISCONSIN—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
72	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	10	$592,085	$290,134	$112,500	$74,000	$103,634	$301,951	$26,355	233	$157,817
73	Jewelry. (See also Watch, clock, and jewelry repairing.)	4	70,950	15,550	2,750	6,500	6,300	55,400	2,942	36	23,174
74	Leather, tanned and curried	38	6,345,812	1,873,450	720,212	772,340	380,898	4,472,362	381,436	2,570	1,371,967
75	Lime and cement	45	912,386	750,093	341,173	276,802	132,118	162,293	34,397	817	302,616
76	Liquors, malt. (See also Bottling.)	107	16,803,323	8,671,112	1,650,834	3,791,787	3,228,491	8,132,211	3,800,846	3,165	1,864,579
77	Liquors, vinous. (See also Liquors, distilled.)	3	17,230	9,050	4,800	3,250	1,000	7,580	162	4	821
78	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	4	371,377	214,281	.....	.....	214,281	157,096	33,741	262	182,949
79	Lock and gun smithing	16	20,210	20,105	7,600	4,825	7,680	0,105	1,790	22	13,120
80	Looking-glass and picture frames	25	108,622	30,482	14,250	8,550	7,682	78,140	8,609	79	41,364
81	Lumber and other mill products from logs or bolts.	853	84,419,243	49,669,529	33,569,702	3,648,549	12,451,278	34,749,714	3,056,080	32,755	10,046,413
82	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	88	5,339,694	2,154,150	751,109	609,748	793,293	3,185,544	314,775	3,705	1,623,889
83	Malt. (See also Liquors, malt.)	15	2,447,823	1,124,016	219,000	699,246	205,770	1,323,807	122,988	378	238,091
84	Marble and stonework. (See also Monuments and tombstones.)	25	460,750	250,255	144,790	29,635	75,830	210,495	13,756	233	166,057
85	Masonry, brick and stone. (See also Plastering and stuccowork.)	144	891,271	238,091	81,995	51,980	104,116	653,180	60,274	2,894	1,411,373
86	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	16	469,156	100,305	21,376	21,861	57,068	368,851	36,977	383	159,177
87	Millinery, custom work	204	485,411	183,983	81,050	87,700	15,233	301,428	56,446	588	195,289
88	Mineral and soda waters. (See also Bottling.)	55	417,532	315,975	114,125	78,175	123,675	101,557	37,060	223	100,678
89	Models and patterns	8	26,860	18,550	8,100	2,800	7,650	8,310	1,654	35	17,824
90	Monuments and tombstones. (See also Marble and stone work.)	56	470,975	119,547	29,670	27,280	62,597	351,428	53,246	438	243,551
91	Musical instruments and materials, not specified. (See also Musical instruments, pianos and materials.)	5	28,570	26,825	800	25,200	825	1,745	366	9	4,830
92	Musical instruments, organs and materials.	3	19,350	9,650	2,000	3,400	4,250	9,700	1,545	16	11,532
93	Oil, linseed	3	314,920	162,000	19,000	63,000	80,000	152,920	34,235	63	37,677
94	Oil, lubricating	5	170,150	39,500	7,000	8,000	24,500	130,650	10,993	28	24,709
95	Optical goods	3	1,495	305	.....	.....	395	1,100	744	7	5,206
96	Painting and paper hanging	210	460,075	185,557	73,640	59,485	52,432	274,518	45,426	1,227	670,805
97	Paints. (See also Chemicals.)	9	186,649	82,844	25,857	17,100	39,887	103,805	6,437	55	31,508
98	Paper. (See also Pulp, wood.)	19	4,927,318	3,989,952	974,975	1,006,600	2,008,377	937,366	342,700	1,613	695,221
99	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	22	107,008	22,585	4,700	6,900	10,985	84,423	54,080	100	41,505
100	Paving and paving materials	22	761,486	275,822	166,400	39,675	66,747	485,664	68,929	831	373,364
101	Photography	89	192,076	127,825	17,100	21,600	88,925	64,251	32,282	264	136,878
102	Photolithographing and engraving. (See also Lithographing and engraving.)	3	8,050	5,200	1,000	1,500	2,700	2,850	6,446	22	12 594
103	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	10	105,228	43,875	10,900	16,600	16,375	61,353	15,221	82	30,558
104	Plastering and stuccowork. (See also Masonry, brick and stone.)	15	45,390	27,830	4,700	12,425	10,705	17,560	3,408	100	47,728
105	Plumbing and gas fitting	67	645,799	171,854	70,200	54,750	46,904	473,945	36,092	861	474,507
106	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	68	597,065	380,395	5,300	3,600	371,495	216,670	122,407	591	279,548
107	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making; Printing and publishing, music.)	379	2,645,930	1,632,099	183,550	192,725	1,255,824	1,013,631	574,866	2,728	1,285,724
108	Pulp, wood	8	433,300	376,500	73,000	137,500	166,000	56,800	19,934	247	85,016
109	Pumps, not including steam pumps	31	148,193	76,324	25,465	19,625	31,234	71,869	8,761	107	55,741
110	Refrigerators	3	120,445	46,100	6,000	25,050	15,050	74,345	19,105	95	44,078
111	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	25	135,390	50,865	15,250	9,075	26,540	84,525	7,417	142	80,814
112	Rubber and elastic goods	3	140,085	46,288	3,960	14,050	27,078	100,397	5,918	141	52,404
113	Saddlery and harness	332	880,492	337,893	107,817	168,168	61,908	542,599	54,674	749	328,375
114	Sausage. (See also Slaughtering.)	6	187,052	109,700	52,500	33,600	23,600	77,352	9,003	83	39,671
115	Shipbuilding	16	544,828	424,070	168,600	140,300	115,170	120,758	11,157	311	205,005
116	Shirts. (See also Furnishing goods, men's.)	6	5,360	1,800	.....	.....	1,800	3,566	1,286	28	9,878

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

WISCONSIN—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.														Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.		
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	
25	$33,883	2	$840	205	$122,938	.....	.....	1	$156	.....	.....	.....	.....	.....	.....	$345,438	$604,532	72
5	4,804	.....	.....	29	17,920	2	$450	.....	.....	.....	.....	.....	.....	.....	.....	47,180	94,500	73
83	100,080	.....	.....	2,091	1,002,186	26	5,230	.....	.....	370	$264,471	.....	.....	.....	.....	8,732,182	11,161,850	74
35	22,947	.....	.....	777	277,669	.....	.....	.....	.....	5	2,000	.....	.....	.....	.....	216,467	706,815	75
287	394,501	19	12,770	2,160	1,267,354	125	29,854	191	15,000	301	130,100	82	$15,000	.....	.....	4,829,390	14,193,057	76
3	721	.....	.....	1	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,266	5,720	77
14	30,000	2	1,440	238	148,785	8	2,124	.....	.....	.....	.....	.....	.....	.....	.....	113,988	409,866	78
14	7,740	.....	.....	7	5,016	.....	.....	.....	.....	.....	.....	1	364	.....	.....	4,523	25,441	79
35	21,195	.....	.....	38	18,953	1	312	4	704	1	200	.....	.....	.....	.....	80,307	161,057	80
1,355	1,060,496	24	14,573	30,034	8,586,254	271	46,661	140	18,774	892	316,819	37	2,801	2	$35	33,212,511	52,115,739	81
218	209,580	7	2,546	3,345	1,383,391	12	2,798	88	12,863	35	12,711	.....	.....	.....	.....	3,736,105	6,295,810	82
38	50,261	1	300	339	187,530	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,848,126	2,472,018	83
19	22,581	.....	.....	214	143,476	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	184,705	467,422	84
154	123,950	1	400	2,729	1,285,893	1	120	1	30	8	980	.....	.....	.....	.....	1,877,395	3,682,473	85
40	33,886	1	468	179	67,955	1	350	3	432	89	36,936	53	16,242	17	2,908	540,085	867,738	86
10	7,344	182	79,133	3	1,016	387	107,016	6	780	.....	.....	.....	.....	.....	.....	452,982	864,073	87
55	38,058	2	937	143	58,254	15	2,150	6	802	2	477	.....	.....	.....	.....	172,326	452,148	88
8	5,424	1	600	25	11,488	1	312	.....	.....	.....	.....	.....	.....	.....	.....	9,275	36,638	89
65	54,975	1	468	370	187,692	.....	.....	2	416	.....	.....	.....	.....	.....	.....	318,054	752,905	90
3	1,970	.....	.....	6	2,860	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	518	8,080	91
4	3,948	.....	.....	12	7,584	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,850	24,600	92
8	11,860	.....	.....	55	25,817	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	499,387	624,228	93
12	15,000	1	600	14	8,984	.....	.....	1	125	.....	.....	.....	.....	.....	.....	138,403	230,625	94
3	2,400	.....	.....	4	2,806	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,276	9,750	95
247	169,127	.....	.....	976	501,345	.....	.....	2	218	2	115	.....	.....	.....	.....	421,769	1,310,972	96
9	13,110	1	35	45	18,363	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	168,872	235,495	97
69	77,814	3	1,684	1,057	506,256	448	99,819	5	806	.....	.....	31	8,842	.....	.....	2,471,136	4,216,593	98
31	21,489	2	1,320	38	13,658	24	4,338	3	200	1	300	1	200	.....	.....	41,013	213,194	99
23	17,260	.....	.....	769	343,958	.....	.....	.....	.....	39	12,146	.....	.....	.....	.....	729,645	1,272,499	100
90	70,747	5	2,074	97	44,705	57	16,293	5	762	3	275	7	2,022	.....	.....	93,923	346,928	101
4	3,774	.....	.....	17	8,508	1	312	.....	.....	.....	.....	.....	.....	.....	.....	2,369	21,315	102
16	13,172	3	1,460	44	18,261	19	3,665	.....	.....	.....	.....	.....	.....	.....	.....	107,321	188,734	103
19	12,164	.....	.....	75	34,432	.....	.....	.....	.....	6	1,132	.....	.....	.....	.....	58,274	132,069	104
110	96,707	2	784	737	375,000	.....	.....	.....	.....	12	2,016	.....	.....	.....	.....	761,054	1,471,786	105
97	83,617	2	560	429	179,687	40	9,080	12	1,420	9	4,478	2	700	.....	.....	239,270	771,744	106
477	357,878	33	11,761	1,357	640,457	238	59,575	259	22,983	318	174,375	46	18,697	.....	.....	734,777	3,256,897	107
8	8,767	1	480	227	73,294	.....	.....	11	2,475	.....	.....	.....	.....	.....	.....	117,727	258,775	108
25	17,184	.....	.....	72	33,496	.....	.....	2	390	8	4,671	.....	.....	.....	.....	66,753	178,228	109
4	3,570	.....	.....	91	40,508	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52,855	109,845	110
30	20,878	.....	.....	110	59,761	.....	.....	2	175	.....	.....	.....	.....	.....	.....	123,241	260,911	111
8	5,724	2	700	27	15,670	9	3,810	.....	.....	5	2,500	90	24,000	.....	.....	76,432	157,400	112
252	132,961	2	515	402	161,375	1	260	9	1,109	81	31,725	2	430	.....	.....	497,380	1,093,787	113
11	15,548	.....	.....	72	24,123	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	239,729	311,513	114
25	28,006	1	200	285	176,799	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	178,351	463,120	115
2	1,020	2	780	2	1,650	5	1,828	.....	.....	.....	.....	17	4,600	.....	.....	8,357	24,633	116

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

WISCONSIN—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.					Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.			Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.		Average number.	Total wages.
117	Slaughtering and meat packing, wholesale. (See also Sausage.)	15	$2,269,880	$863,300	$166,000	$467,000	$230,300	$1,406,580	$98,388	782	$386,854
118	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	7	352,941	191,227	68,784	93,926	28,517	161,714	10,124	141	75,008
119	Soap and candles. (See also Grease and tallow.)	17	456,987	228,120	75,300	64,915	87,905	228,867	65,454	179	87,812
120	Soda water apparatus	3	154,400	36,300	10,400	15,300	10,600	118,100	2,660	41	24,906
121	Stationery goods, not elsewhere specified	3	3,470	700	400	200	100	2,770	710	5	3,020
122	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	7	571,058	172,670	.....	3,000	169,670	398,388	50,383	516	306,626
123	Stencils and brands	3	2,575	1,950	.....	.....	1,950	625	517	6	3,250
124	Sugar and molasses, refining	25	16,915	16,365	780	2,345	13,240	550	978	142	4,809
125	Surgical appliances. (See also Artificial limbs.)	5	14,075	2,650	.....	.....	2,650	11,425	2,481	15	6,896
126	Timber products, not manufactured at mill.	266	20,772,278	10,200,882	8,656,053	.....	1,544,829	10,571,396	1,990,358	10,123	1,852,757
127	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	237	1,522,251	730,744	165,180	279,640	285,924	791,507	89,218	1,348	536,269
128	Tobacco, chewing, smoking, and snuff	4	683,774	65,486	.....	.....	65,486	618,288	523,507	264	125,969
129	Tobacco, cigars and cigarettes	355	1,301,856	286,040	121,736	113,505	51,393	1,015,216	308,868	1,967	868,872
130	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	7	130,327	78,317	26,000	11,075	41,242	52,010	5,865	50	25,256
131	Toys and games	3	129,451	67,726	18,500	14,100	35,126	61,725	14,849	197	54,211
132	Trunks and valises. (See also Leather goods.)	13	1,293,149	422,211	173,925	178,475	69,811	870,938	90,070	851	343,925
133	Umbrellas and canes	4	22,332	12,310	5,600	5,500	1,210	10,022	655	14	5,038
134	Vinegar and cider	11	343,118	234,275	55,555	49,620	129,100	108,843	22,923	91	53,797
135	Washing machines and clothes wringers	4	2,214	1,575	1,025	400	150	639	227	4	1,424
136	Watch, clock, and jewelry repairing. (See also Jewelry.)	87	190,115	130,185	47,125	40,825	42,235	59,930	17,499	183	102,014
137	Windmills	7	711,913	211,046	30,918	82,601	97,527	500,867	31,638	322	174,588
138	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	9	80,174	22,643	1,950	4,600	16,293	57,331	10,605	102	58,956
139	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	13	113,392	43,130	3,070	9,840	30,220	70,262	8,890	92	43,810
140	Woodenware, not elsewhere specified	9	165,320	54,735	6,960	27,350	20,425	110,785	5,347	112	48,217
141	Woolen goods. (See also Gloves and mittens; Hosiery and knit goods; Worsted goods.)	32	2,333,700	850,491	137,080	291,838	421,573	1,483,209	104,226	982	324,772
142	All other industries (a)	93	2,620,136	1,314,107	315,045	375,293	623,769	1,306,029	601,723	1,937	719,460

a Embraces artificial feathers and flowers, 2; artificial limbs, 2; artists' materials, 1; babbitt metal and solder, 1; bags, other than paper, 1; bicycle and tricycle repairing, 1; billiard tables and materials, 1; blacking, 2; bluing, 2; boot and shoe cut stock, 1; brasswaro, 1; calcium lights, 1; chocolate and cocoa products, 1; cleansing and polishing preparations, 1; clocks, 1; cloth, eponging and refinishing, 1; clothing, men's, factory product, buttonholes, 1; coke, 1; cork, cutting, 1; corsets, 2; drug grinding, 1; engraving and diesinking, 2; engraving, steel, including plate printing, 1; engraving, wood, 2; fertilizers, 1; fruits and vegetables, canning and preserving, 1; furs, dressed, 2; gas stoves, 1; glass, 1; glue, 1; gunpowder, 1; hammocks, 1; hardware, saddlery, 1; housefurnishing goods, not elsewhere specified, 1; ink, writing, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, forgings, 2; kaolin and other earth grinding, 1; lamps and

BY COUNTIES.

1	The State	10,417	246,515,404	125,455,518	57,766,281	24,461,110	43,228,127	121,059,886	18,602,764	132,031	51,843,708
2	Adams	14	42,317	36,810	4,725	12,145	19,940	5,507	2,220	30	5,967
3	Ashland	30	5,263,662	3,482,543	2,310,030	339,619	832,903	1,781,319	219,788	1,965	748,327
4	Barron	49	2,827,568	1,926,592	1,391,804	99,177	435,611	900,976	86,649	1,088	351,304
5	Bayfield	21	4,717,990	3,123,224	2,308,381	285,131	529,712	1,594,766	170,310	1,163	426,219
6	Brown	195	2,161,026	1,002,283	166,706	316,249	519,328	1,158,743	142,868	1,751	694,669
7	Buffalo	70	345,458	222,761	26,370	73,347	123,044	122,697	24,464	211	67,864
8	Burnett	16	40,310	24,186	3,133	6,142	14,911	22,124	2,416	59	9,230
9	Calumet	104	410,132	205,743	48,418	115,909	101,425	444,389	18,561	351	105,243
10	Chippewa	198	17,242,363	7,545,752	6,264,917	274,621	1,006,214	9,696,611	1,361,310	5,377	1,143,071
11	Clark	62	768,569	417,275	169,392	64,615	183,268	351,294	36,212	822	211,947
12	Columbia	119	678,146	420,330	69,430	132,205	218,695	257,816	59,055	647	253,839
13	Crawford	49	464,870	193,677	23,953	58,207	111,517	271,193	18,835	319	97,337
14	Dane	355	3,148,074	1,351,764	295,732	500,894	555,138	1,796,310	270,672	1,954	870,401
15	Dodge	233	2,470,480	1,221,538	176,880	383,485	661,173	1,248,942	151,057	1,289	438,210
16	Door	65	1,187,660	584,042	159,836	87,792	336,414	603,618	57,040	719	188,354
17	Douglas	102	2,289,614	1,450,972	660,982	233,740	565,250	829,642	63,807	2,120	955,791
18	Dunn	85	4,688,769	3,494,130	2,438,741	279,676	775,713	1,194,639	175,736	1,936	519,817
19	Eauclaire	140	8,937,870	5,610,858	4,029,879	384,312	1,196,667	3,327,012	417,250	3,305	1,117,804
20	Florence	6	4,860	2,645	400	850	1,395	2,215	378	6	2,068
21	Fond du Lac	399	3,304,886	1,482,984	287,947	538,723	656,314	1,821,902	294,005	2,771	997,385

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

WISCONSIN—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Pieceworkers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
45	$48,581			719	$334,623	3	$1,400	15	$2,250							$7,686,075	$8,393,754	117
18	20,598			123	54,410											1,489,908	1,952,644	118
38	36,164	1	$450	101	44,208	23	4,107	2	263	11	$2,100	3	$520			420,120	647,904	119
8	6,814			33	18,692											94,584	155,853	120
3	2,500					2	520									1,209	7,000	121
44	46,980	1	500	430	233,146					41	26,000					290,951	770,450	122
3	1,950			3	1,300											893	5,863	123
14	712			106	3,557	18	431	4	109							9,363	22,188	124
6	4,900			7	1,736	2	260									13,348	36,300	125
194	111,154			9,422	1,678,352	65	7,263	1	75	441	55,913					3,436,847	8,850,705	126
185	133,070	3	1,464	992	372,280	85	10,178	47	4,984	24	5,500	12	8,793			1,178,849	2,128,389	127
18	30,425	1	420	168	79,474	33	6,290	12	1,560			32	7,800			353,896	1,212,668	128
316	207,155			561	260,978	198	46,521	78	9,064	719	321,860	76	20,742	19	$2,552	962,202	2,524,949	129
5	5,316	1	300	43	19,276	1	364									21,961	79,651	130
4	4,300	1	480	138	43,881	4	750			50	4,800					68,189	167,660	131
58	60,467	5	1,480	332	136,236	14	3,775	15	2,120	415	138,447	2	400	10	1,000	526,376	1,193,812	132
2	614			12	4,424											7,895	22,027	133
19	17,086			68	35,036	3	762	1	13							168,196	323,661	134
3	1,216			1	208											976	3,675	135
75	46,644			101	53,360	1	300	2	410	4	1,300					56,414	220,931	136
16	18,100	3	1,325	303	155,163											304,697	586,452	137
11	9,960	1	300	79	40,896	1	300			10	7,500					72,885	170,450	138
21	14,404	1	540	57	24,408			3	298	10	4,160					53,192	161,130	139
14	11,535			82	32,927			11	1,205	5	1,550					64,596	144,951	140
64	52,550	2	1,020	382	152,188	371	86,520	7	621	12	4,674	140	27,164	4	35	978,479	1,669,944	141
127	125,495	15	6,565	881	366,247	275	53,845	56	7,169	138	95,438	430	62,846	15	1,855	1,455,762	3,367,724	142

reflectors, 1; leather goods, 1; linen goods, 2; liquors, distilled, 2; matches, 1; millinery and lace goods, 1; musical instruments, pianos and materials, 2; paper goods, not elsewhere specified, 1; paper hangings, 1; perfumery and cosmetics, 1; photographic materials, 1; pipes, tobacco, 1; plumbers' supplies, 1; printing and publishing, music, 2; printing materials, 2; regalia and society banners and emblems, 1; rules, ivory and wood, 1; saws, 1; scales and balances, 1; sewing machine repairing, 2; shoddy, 1; show cases, 1; smelting and refining, 2; springs, steel, car and carriage, 1; starch, 2; straw goods, not elsewhere specified, 1; taxidermy, 1; tobacco, stemming and rehandling, 1; type founding, 2; upholstery materials, 2; wheelbarrows, 1; whips, 1; window shades, 2; wood, preserving, 1; worsted goods, 1.

BY COUNTIES.

10,949	8,448,995	1,076	436,446	96,224	36,341,738	6,670	1,456,403	1,727	212,549	9,096	3,942,838	6,081	979,610	208	25,129	145,437,016	248,546,164	1
8	3,097			22	2,870											49,118	64,436	2
57	72,483	1	480	1,845	645,584	13	4,388	15	1,632	33	22,960	1	800			2,225,835	3,859,702	3
55	33,664	1	520	962	304,520	7	1,370	9	1,206	30	8,780	23	1,205	1	30	1,082,622	1,731,530	4
36	41,318	1	600	964	347,860	5	1,076	4	505	153	34,860					1,596,274	2,429,142	5
166	107,637	4	2,478	1,156	421,752	51	14,291	30	4,198	316	140,657	10	2,239	9	1,417	2,097,681	3,303,688	6
51	21,283			133	43,236	1	20			17	2,945	1	300	8	80	405,970	570,127	7
13	2,845			41	5,952	2	251	2	132	1	50					21,817	37,524	8
72	29,471	1	70	265	73,958	3	364	4	256	6	1,124					379,965	614,850	9
179	101,794	12	5,365	4,930	997,819	47	10,028	15	1,909	194	26,156					3,420,591	7,005,236	10
66	48,986	1	125	749	162,278	2	225	2	208	2	125					429,298	774,261	11
82	51,095	7	3,043	258	107,016	167	50,357	51	5,266	55	28,962	27	8,100			660,510	1,099,686	12
41	20,345			268	76,202	2	340			8	450					468,449	646,128	13
304	192,922	35	12,722	1,050	484,166	88	23,223	19	1,747	235	132,502	173	23,119			2,060,148	3,885,498	14
180	105,071	10	3,922	867	273,164	147	30,731	22	2,580	61	22,554	2	188			1,342,496	2,243,263	15
59	32,415	2	480	506	146,117	4	590	1	52	57	8,700					820,568	1,084,155	16
84	64,522	5	2,432	1,916	843,740	8	2,660	19	1,562	86	39,005	2	1,870			1,470,332	2,815,820	17
94	67,557	3	1,352	1,733	431,959	22	3,212	28	2,778	56	12,959					1,650,137	2,527,029	18
139	138,290	11	4,874	2,855	866,157	87	19,170	27	3,578	108	79,965	17	5,420	1	350	2,778,468	4,915,862	19
				4	1,392					2	676					1,934	8,090	20
361	219,459	16	6,861	1,805	604,032	164	28,891	17	1,640	255	103,955	143	31,247	10	1,300	2,903,564	5,029,758	21

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY

WISCONSIN—Continued.

BY COUNTIES—Continued.

	COUNTIES AND MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
22	Forest	7	$184,550	$75,450	$24,450	$9,500	$41,500	$109,100	$8,035	170	$51,245
23	Grant	114	599,143	310,133	40,837	109,892	159,404	289,010	33,278	372	127,020
24	Green	149	462,285	275,027	34,884	121,185	118,958	187,258	19,873	411	134,984
25	Green Lake	75	419,687	218,010	38,640	60,025	119,345	201,677	28,206	449	143,042
26	Iowa	60	179,642	113,795	12,005	49,700	52,090	65,847	19,464	152	50,474
27	Jackson	58	3,366,241	2,288,153	1,460,492	142,088	685,573	1,078,088	190,165	1,259	367,139
28	Jefferson	310	2,670,598	1,326,950	174,450	581,735	570,765	1,343,648	196,237	2,050	774,171
29	Juneau	45	1,660,637	883,576	546,818	93,547	243,211	777,061	48,108	515	161,335
30	Kenosha	48	2,259,796	671,554	143,082	236,041	291,831	1,588,242	96,790	1,167	541,965
31	Kewaunee	99	349,934	220,260	48,776	75,387	96,097	129,674	19,312	342	79,982
32	Lacrosse	237	10,577,080	5,379,585	2,545,898	959,350	1,874,337	5,197,495	741,817	4,427	1,743,702
33	Lafayette	55	188,382	129,265	19,675	55,655	54,535	59,117	9,937	115	41,359
34	Langlade	36	982,179	388,110	74,700	73,466	239,944	594,069	60,398	704	205,048
35	Lincoln	137	5,595,351	2,915,888	1,781,786	275,786	858,317	2,679,463	308,348	2,748	920,991
36	Manitowoc	281	1,755,200	1,066,177	153,788	459,375	453,014	689,023	126,738	1,574	562,239
37	Marathon	191	7,172,168	3,387,197	1,925,065	362,781	1,099,351	3,784,971	423,698	3,549	1,019,926
38	Marinette	64	11,019,684	8,405,703	6,616,988	406,420	1,382,295	2,613,981	482,727	3,534	1,164,353
39	Marquette	41	133,045	91,730	20,050	25,010	46,670	41,315	8,101	93	34,226
40	Milwaukee	2,917	70,109,117	29,186,423	7,851,413	8,682,211	12,652,799	40,922,694	8,460,995	43,829	20,836,789
41	Monroe	56	637,565	272,191	110,095	49,806	112,290	365,374	20,135	361	120,704
42	Oconto	84	4,941,305	3,076,409	2,233,313	197,668	645,428	1,864,896	193,570	2,140	591,708
43	Oneida	21	2,051,527	1,099,365	614,920	88,773	395,672	952,162	96,972	986	309,606
44	Outagamie	274	5,251,605	3,653,876	998,356	1,079,256	1,576,265	1,597,729	350,242	2,944	1,192,682
45	Ozaukee	86	1,121,653	589,209	84,262	258,609	246,338	532,444	62,903	695	256,005
46	Pepin	22	83,080	57,043	10,241	16,855	29,947	26,037	4,139	72	19,546
47	Pierce	72	519,765	318,319	81,334	72,166	164,825	201,446	27,152	471	134,267
48	Polk	42	383,387	266,064	95,980	29,102	140,982	117,323	27,570	392	80,671
49	Portage	99	1,815,752	796,500	366,735	199,242	230,523	1,019,252	73,725	1,269	395,626
50	Price	9	1,895,553	1,270,362	978,091	37,405	254,866	625,191	99,903	547	239,591
51	Racine	235	11,849,173	3,476,835	776,063	1,179,316	1,521,456	8,372,338	683,821	5,033	2,474,930
52	Richland	79	355,928	253,827	71,091	58,174	124,562	102,101	18,544	268	66,449
53	Rock	189	3,569,592	1,823,008	377,273	408,109	1,037,626	1,746,584	271,157	2,364	1,071,958
54	St. Croix	73	2,801,022	1,841,418	1,064,228	244,412	532,778	959,604	118,097	1,356	448,227
55	Sauk	99	768,132	398,533	56,214	145,471	196,848	369,599	45,111	631	226,951
56	Sawyer	4	2,235,620	1,386,440	1,203,055	47,463	135,922	849,180	39,887	336	146,751
57	Shawano	78	1,248,039	639,304	244,479	97,110	297,715	608,735	69,829	1,027	287,368
58	Shoboygan	295	1,743,729	1,062,045	215,860	388,337	457,848	681,684	145,393	1,325	448,918
59	Taylor	11	1,362,760	609,685	375,355	58,600	175,730	753,075	48,421	525	163,655
60	Trempealeau	50	295,024	198,992	37,375	71,017	90,600	96,032	18,840	147	58,329
61	Vernon	69	289,600	177,717	33,635	51,798	92,284	111,883	16,465	282	64,720
62	Walworth	100	1,597,466	819,926	118,205	251,681	450,040	777,540	160,811	978	394,824
63	Washburn	5	278,581	91,374	10,364	17,900	63,110	187,207	15,680	139	48,890
64	Washington	152	746,035	505,672	131,807	211,009	162,856	240,363	35,592	460	145,418
65	Waukesha	91	932,999	703,056	235,385	243,631	224,040	229,943	29,465	600	269,433
66	Waupaca	121	1,062,833	583,597	175,542	144,338	263,717	479,236	57,291	795	211,080
67	Waushara	58	124,278	89,198	13,744	30,076	45,378	35,080	3,161	127	27,188
68	Winnebago	606	11,000,992	5,408,702	1,606,797	1,387,719	2,414,186	2,592,290	816,712	8,431	3,083,595
69	Wood	107	4,866,866	2,784,756	1,155,029	430,100	1,199,627	5,082,110	197,891	1,987	710,781

WYOMING.

BY SPECIFIED INDUSTRIES.

1	All industries	190	1,411,184	811,838	146,369	209,721	455,748	599,346	94,673	1,144	878,646
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	21	47,565	26,405	11,220	3,950	5,235	27,160	2,263	40	29,811
3	Boots and shoes, custom work and repairing.	12	8,780	4,725	1,660	1,000	2,725	4,655	2,008	16	9,368
4	Bread and other bakery products	7	19,345	14,700	2,400	7,600	4,700	4,645	2,467	16	10,659
5	Brick and tile	7	28,970	19,570	13,795	1,875	3,900	9,400	351	31	11,410
6	Carpentering	12	89,085	13,225	3,700	6,450	3,075	75,860	10,259	73	60,570
7	Clothing, men's, custom work and repairing.	8	27,560	9,318	3,000	5,000	1,318	18,242	2,380	22	18,150
8	Clothing, women's, dressmaking	21	20,370	9,050	3,000	4,100	1,950	11,320	2,967	58	17,079
9	Flouring and grist mill products	6	128,225	89,019	5,738	35,781	47,500	39,206	6,744	18	11,495
10	Lumber and other mill products from logs or bolts.	17	100,049	85,352	7,402	15,000	62,950	14,697	6,702	113	42,678

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

WISCONSIN—Continued

BY COUNTIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.

Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecework ers.						Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
5	$2,656	1	$866	158	$45,455	.....	.....	.....	.....	6	$2,268	.....	.....	.....	.....	$88,687	$176,990	22
94	41,634	.....	.....	233	71,250	7	$964	7	$715	31	12,457	.....	.....	.....	.....	405,150	693,612	23
52	25,404	.....	.....	334	106,169	7	1,251	14	1,000	4	1,160	.....	.....	.....	.....	555,814	801,808	24
59	28,434	4	1,990	207	67,832	32	8,250	19	1,050	87	29,996	41	$5,490	.....	.....	435,232	729,896	25
36	13,425	.....	.....	111	36,194	4	780	1	75	.....	.....	.....	.....	.....	.....	165,135	264,893	26
51	38,384	.....	.....	1,167	318,046	25	3,752	3	87	73	6,870	.....	.....	.....	.....	1,334,411	2,183,080	27
287	172,120	15	5,655	1,463	510,506	102	20,482	24	2,376	135	57,422	24	5,610	.....	.....	2,512,870	4,073,393	28
53	33,848	.....	.....	430	120,579	16	3,608	.....	.....	16	3,300	.....	.....	.....	.....	661,549	946,405	29
81	77,277	.....	.....	851	357,462	36	6,477	6	762	148	87,011	38	12,068	7	$908	1,644,290	2,601,281	30
50	17,977	.....	.....	264	55,599	4	471	9	1,109	13	4,360	2	466	.....	.....	282,311	435,777	31
302	280,786	9	5,168	3,536	1,337,779	241	45,773	78	12,450	101	35,384	156	26,106	4	256	6,519,517	9,767,181	32
30	12,688	.....	.....	82	27,721	3	950	.....	.....	.....	.....	.....	.....	.....	.....	250,660	341,745	33
53	32,116	.....	.....	643	170,282	4	750	.....	.....	4	1,900	.....	.....	.....	.....	617,500	989,387	34
114	104,553	10	3,264	2,475	768,471	55	7,979	3	346	85	34,506	6	1,872	.....	.....	2,950,861	4,749,768	35
214	107,009	11	3,220	1,155	380,625	54	6,949	16	1,171	118	61,465	6	1,800	.....	.....	1,250,694	2,271,473	36
194	111,994	3	1,540	3,183	875,958	15	1,243	95	13,584	59	15,607	.....	.....	.....	.....	3,341,665	5,844,949	37
137	141,877	3	2,000	3,250	968,484	40	8,471	10	1,500	80	36,917	14	5,104	.....	.....	3,144,386	5,281,660	38
32	16,736	1	520	55	16,360	5	610	.....	.....	.....	.....	.....	.....	.....	.....	153,482	218,927	39
3,950	3,668,171	657	273,159	26,991	13,604,305	2,966	636,926	654	84,125	3,969	1,859,416	4,517	695,717	125	14,970	56,312,663	98,598,451	40
54	28,444	1	300	292	89,952	10	1,408	.....	.....	4	600	.....	.....	.....	.....	385,123	585,589	41
98	97,230	11	3,031	2,001	485,065	23	3,842	1	100	5	2,190	1	250	.....	.....	1,801,710	3,005,772	42
48	35,658	.....	.....	887	255,467	1	110	.....	.....	50	18,371	.....	.....	.....	.....	780,431	1,433,096	43
308	211,879	55	20,879	2,016	830,336	371	84,444	65	7,964	60	26,243	55	9,566	14	1,371	3,432,360	5,688,586	44
64	51,471	1	240	504	177,108	85	17,506	5	314	16	5,101	20	4,175	.....	.....	965,456	1,405,532	45
24	9,544	.....	.....	47	9,902	.....	.....	1	100	.....	.....	.....	.....	.....	.....	92,652	129,630	46
61	23,022	.....	.....	371	90,910	9	1,350	1	100	25	8,850	.....	.....	4	35	660,666	944,175	47
42	16,958	1	192	331	60,776	3	400	14	2,195	1	150	.....	.....	.....	.....	169,936	330,736	48
94	54,826	10	4,354	1,117	326,074	28	5,477	9	370	9	4,125	2	400	.....	.....	1,174,504	1,927,875	49
17	12,950	.....	.....	520	223,440	1	442	.....	.....	9	2,750	.....	.....	.....	.....	701,729	1,129,473	50
410	407,688	29	13,646	3,071	1,480,081	317	77,505	110	16,961	878	430,347	195	44,475	23	4,224	4,699,944	8,973,663	51
49	19,881	1	520	215	44,182	1	416	1	50	1	400	.....	.....	.....	.....	302,765	451,384	52
212	177,854	16	7,130	1,357	658,899	446	120,598	62	4,428	148	74,086	122	28,815	1	148	2,290,003	4,147,975	53
97	82,162	2	896	1,198	347,054	5	1,374	20	400	34	15,441	.....	.....	.....	.....	2,276,031	3,175,977	54
61	33,229	1	250	448	163,449	73	16,449	7	486	21	7,374	20	5,714	.....	.....	514,006	915,600	55
13	13,272	.....	.....	322	132,993	.....	.....	.....	.....	1	486	.....	.....	.....	.....	515,525	830,148	56
68	39,357	1	1,783	934	241,117	13	1,525	.....	.....	11	3,586	.....	.....	.....	.....	637,173	1,119,002	57
225	103,647	4	1,740	784	270,266	106	20,330	10	1,013	151	45,516	45	6,406	.....	.....	1,583,507	2,471,871	58
18	18,053	.....	.....	503	144,874	4	728	.....	.....	.....	.....	.....	.....	.....	.....	511,148	835,438	59
37	16,911	1	400	105	40,098	4	920	.....	.....	.....	.....	.....	.....	.....	.....	474,685	607,466	60
52	18,074	.....	.....	224	46,048	2	98	.....	.....	4	500	.....	.....	.....	.....	254,298	410,377	61
104	63,346	8	2,654	547	230,451	35	7,430	19	1,923	264	88,838	1	182	.....	.....	1,292,110	2,105,046	62
7	6,434	.....	.....	128	41,236	2	270	.....	.....	2	950	.....	.....	.....	.....	178,822	262,817	63
99	43,571	.....	.....	341	98,089	8	1,320	4	258	1	180	7	2,000	.....	.....	572,138	850,918	64
77	39,270	2	1,017	495	223,949	9	2,301	5	770	11	2,006	.....	.....	1	40	555,130	993,766	65
94	48,233	2	1,156	660	153,620	17	3,214	9	582	11	3,825	2	450	.....	.....	958,715	1,452,117	66
33	12,227	.....	.....	87	14,061	.....	.....	.....	.....	1	300	6	600	.....	.....	143,805	204,124	67
547	417,472	98	29,918	6,023	2,180,920	642	136,764	130	19,985	582	251,280	400	47,256	.....	.....	6,768,682	12,913,825	68
95	64,989	8	3,634	1,749	601,472	19	3,219	32	4,048	82	31,919	2	600	.....	.....	2,251,368	3,546,725	69

WYOMING.

BY SPECIFIED INDUSTRIES.

104	80,489	18	10,988	901	726,217	57	16,265	5	982	56	41,765	3	1,940	.....	.....	1,084,432	2,367,601	1
15	9,957	.....	.....	25	19,854	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,256	78,581	2
7	3,978	.....	.....	6	3,530	.....	.....	.....	.....	3	1,800	.....	.....	.....	.....	7,402	24,550	3
5	3,339	.....	.....	9	6,240	1	250	1	230	.....	.....	.....	.....	.....	.....	32,851	54,478	4
2	390	.....	.....	29	11,020	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,723	25,900	5
2	1,980	.....	.....	71	58,590	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	89,355	196,550	6
2	1,490	.....	.....	6	5,660	.....	.....	.....	.....	14	11,000	.....	.....	.....	.....	23,427	52,801	7
.....	.....	7	2,752	.....	.....	49	14,327	.....	.....	.....	.....	2	900	.....	.....	93,304	141,424	8
4	2,340	.....	.....	14	9,155	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125,265	157,251	9
11	4,275	.....	.....	95	35,678	1	250	1	300	5	1,575	.....	.....	.....	.....	52,166	124,462	10

TABLE 6.—MANUFACTURES IN STATES AND TERRITORIES, BY WYOMING—Continued.

BY SPECIFIED INDUSTRIES—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES AND COUNTIES.	Number of establishments reporting.	CAPITAL.						Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.	
			Aggregate.	Plant.				Live assets.		Aggregates.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.			Average number.	Total wages.
11	Lumber, planing mill products, including sash, doors, and blinds.	3	$24,650	$14,000	$2,500	$3,500	$8,000	$10,650	$1,979	15	$12,300
12	Masonry, brick and stone	4	43,180	5,025	.....	.....	5,025	38,155	1,751	79	68,500
13	Painting and paper hanging	4	16,740	9,220	5,000	3,000	1,220	7,520	1,066	22	18,530
14	Photography	4	14,402	9,700	.....	.....	9,700	4,702	2,395	6	4,248
15	Printing and publishing, newspapers and periodicals.	21	133,642	86,930	6,665	10,965	69,300	46,712	24,258	03	82,518
16	Saddlery and harness	8	63,415	23,399	15,849	5,900	1,650	40,016	2,622	24	18,260
17	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	4	7,575	4,550	1,000	2,500	1,050	3,025	485	4	2,692
18	All other industries (*a*)	31	577,631	393,650	64,100	103,100	226,450	183,981	23,436	514	460,738

a Embraces boot and shoe uppers, 1; carriages and wagons, including custom work and repairing, 2; cars and general shop construction and repairs by steam railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; confectionery, 1; dentistry, mechanical, 2; furniture, cabinetmaking, repairing and upholstering, 2; gas, illuminating and heating, 1; iron and steel, 1; jewelry, 1; leather, tanned and curried, 1; lime and cement, 1; liquors, malt, 2; lock and gun

BY COUNTIES.

1	The State	190	1,411,184	811,838	146,369	209,721	455,748	599,346	94,073	1,144	878,646
2	Albany	44	496,461	315,278	23,700	69,600	221,978	181,183	31,962	277	176,159
3	Carbon	6	15,192	12,000	1,600	4,500	5,900	3,192	1,293	12	6,323
4	Converse	3	7,790	6,400	485	915	5,090	1,390	1,411	10	4,362
5	Crook	12	38,740	24,875	5,925	3,725	15,225	13,865	2,942	33	18,550
6	Fremont	7	62,965	47,790	4,625	12,025	31,140	15,175	4,491	34	14,397
7	Johnson	11	39,254	30,079	3,113	14,250	12,710	9,175	2,922	23	13,668
8	Laramie	84	538,377	243,994	70,749	61,050	112,195	294,383	41,865	409	308,444
9	Natrona	3	4,070	3,870	20	100	3,750	200	742	7	4,924
10	Sheridan	7	35,251	19,270	4,670	3,950	10,650	15,981	2,133	13	8,099
11	Uinta	9	159,024	100,402	31,402	38,950	30,050	58,622	2,326	312	316,468
12	All other counties (*a*)	4	14,060	7,880	80	950	7,150	6,180	2,076	14	7,252

a Includes establishments distributed as follows: Bighorn, 1; Sweetwater, 2; Weston, 1.

SPECIFIED INDUSTRIES AND BY COUNTIES: 1890—Continued.

WYOMING—Continued.

BY SPECIFIED INDUSTRIES—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.																Cost of materials used.	Value of products, including receipts from custom work and repairing.	
Officers, firm members, and clerks.				Operatives, skilled and unskilled.						Piecoworkers.								
Males above 16 years.		Females above 15 years.		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.		Children.				
Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.			
1	$180	.....	.....	14	$12,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$17,820	$40,050	11
.....	.....	.....	.....	69	61,750	.....	.....	.....	.....	10	$6,750	.....	.....	.....	.....	85,095	168,500	12
5	3,980	.....	.....	17	14,550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,800	44,000	13
3	2,480	.....	.....	3	1,768	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,590	18,082	14
16	18,780	10	$7,836	53	46,024	5	$1,188	1	$250	7	7,400	1	$1,040	.....	.....	29,529	191,227	15
6	4,700	.....	.....	9	6,440	.....	.....	.....	.....	9	7,120	.....	.....	.....	.....	15,780	45,764	16
2	1,092	.....	.....	2	1,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,240	6,300	17
23	21,528	1	400	479	432,238	1	250	2	202	8	6,120	.....	.....	.....	.....	460,829	997,681	18

emithing, 1; millinery, custom work, 1; mineral and soda waters, 1; plumbing and gas fitting, 2; roofing and roofing materials, 1; soap and candles, 1; tobacco, cigars and cigarettes, 6; watch, clock, and jewelry repairing, 1.

BY COUNTIES.

104	80,489	18	10,988	901	726,217	57	16,265	5	982	66	41,765	3	1,940	.....	.....	1,084,432	2,367,601	1
33	25,889	2	1,120	227	138,798	3	832	2	480	9	8,000	1	1,040	.....	.....	383,919	660,915	2
1	780	1	1,040	9	4,451	.....	.....	1	52	.....	.....	.....	.....	.....	.....	8,383	19,450	3
3	1,850	1	700	6	1,812	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,387	13,925	4
9	4,466	.....	.....	24	14,084	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,475	46,257	5
7	5,352	.....	.....	23	7,545	.....	.....	.....	.....	4	1,500	.....	.....	.....	.....	34,609	66,413	6
6	3,803	.....	.....	16	9,790	.....	.....	.....	.....	1	75	.....	.....	.....	.....	35,197	60,213	7
27	23,771	7	2,512	282	234,978	49	14,463	1	150	41	31,670	2	900	.....	.....	392,979	921,949	8
2	1,924	.....	.....	5	3,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,953	11,550	9
7	5,214	.....	.....	5	2,635	1	260	.....	.....	.....	.....	.....	.....	.....	.....	21,369	37,956	10
8	6,400	1	936	301	308,312	.....	.....	1	300	1	620	.....	.....	.....	.....	183,634	512,163	11
1	1,040	6	4,680	3	812	4	720	.....	.....	.....	.....	.....	.....	.....	.....	2,527	16,810	12

TABLE 7.

COMPARATIVE STATEMENT OF SELECTED INDUSTRIES, BY STATES AND TERRITORIES: 1880 AND 1890.

TABLE 7.—COMPARATIVE STATEMENT OF SELECTED INDUSTRIES, BY STATES AND TERRITORIES: 1880 AND 1890.

AGRICULTURAL IMPLEMENTS.

STATES AND TERRITORIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products.
				Aggregates.		Males above 10 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
The United States	1880	1,943	$62,109,668	39,580	$15,359,610	38,313	73	1,194	$31,531,170	$68,640,488
	1890	910	145,313,997	42,544	21,811,761	41,856	476	212	31,603,265	81,271,651
Alabama	1880	20	13,075	36	7,510	35	.....	1	8,806	20,014
	1890	3	14,475	14	7,748	14	.....	.....	5,368	16,218
Arkansas	1880	11	9,985	24	5,541	24	.....	.....	8,414	23,860
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	1880	21	389,500	295	149,995	286	.....	9	334,035	586,338
	1890	35	2,072,297	689	555,016	685	4	.....	575,776	1,617,484
Connecticut	1880	21	832,500	565	218,514	552	2	11	317,644	719,627
	1890	9	790,621	356	170,321	356	.....	.....	194,779	459,335
Delaware	1880	12	67,400	66	20,524	66	.....	.....	19,621	57,776
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	1880	20	200,124	274	77,585	230	.....	44	337,846	601,935
	1890	11	498,630	467	174,811	456	.....	11	425,985	793,825
Illinois	1880	220	11,306,955	7,300	3,186,999	6,989	27	284	6,722,930	13,498,575
	1890	100	48,639,383	10,417	5,457,716	10,093	279	45	10,102,508	24,609,660
Indiana	1880	96	3,231,818	2,471	1,010,644	2,357	1	113	2,182,137	4,460,408
	1890	54	6,842,456	3,394	1,765,637	3,284	37	73	2,306,390	5,756,131
Iowa	1880	58	1,185,530	809	243,635	785	1	23	601,096	1,271,872
	1890	34	2,181,101	893	419,249	880	7	.....	586,713	1,570,872
Kansas	1880	14	72,450	103	27,962	102	.....	1	25,063	73,477
	1890	7	91,400	71	31,748	67	.....	4	47,605	101,084
Kentucky	1880	86	2,296,037	1,033	364,385	999	10	24	823,392	1,647,116
	1890	5	1,444,685	769	357,182	760	.....	.....	540,965	1,265,799
Louisiana	1880	1	3,000	5	600	5	.....	.....	650	2,000
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1880	28	726,300	448	174,075	440	1	7	329,675	661,445
	1890	17	439,267	217	118,048	215	2	.....	103,479	310,822
Maryland	1880	36	395,400	356	117,791	338	.....	18	227,190	574,672
	1890	11	322,940	177	78,271	176	.....	1	48,998	216,457
Massachusetts	1880	29	910,000	973	365,896	956	1	16	634,752	1,670,242
	1890	17	1,817,750	787	448,927	785	.....	2	664,235	1,470,085
Michigan	1880	143	2,488,287	2,004	650,192	1,958	3	43	1,337,945	3,102,638
	1890	65	6,944,005	1,847	992,708	1,832	15	.....	1,647,579	3,955,306
Minnesota	1880	32	2,315,222	1,197	507,085	1,196	1	.....	975,890	2,340,288
	1890	23	5,136,542	602	363,080	595	7	.....	418,619	1,622,951
Mississippi	1880	12	31,900	61	16,025	61	.....	.....	32,120	68,640
	1890	3	33,980	26	9,950	26	.....	.....	9,640	26,474
Missouri	1880	74	645,772	726	276,536	713	.....	13	599,015	1,141,822
	1890	21	977,828	713	415,849	680	7	26	522,130	1,309,669
Nebraska	1880	13	37,550	54	15,050	54	.....	.....	30,030	77,032
	1890	6	55,625	30	7,339	29	.....	1	6,610	18,292
New Hampshire	1880	17	196,700	178	75,068	178	.....	.....	91,476	212,850
	1890	12	145,790	108	44,978	108	.....	.....	40,939	109,614
New Jersey	1880	40	208,300	206	61,972	204	.....	2	95,437	242,984
	1890	20	270,512	142	66,335	139	.....	3	83,416	200,282
New York	1880	265	9,580,009	6,462	2,513,875	6,335	.....	127	4,580,010	10,707,766
	1890	110	19,924,731	6,038	3,179,511	6,018	16	4	3,743,157	11,680,842
North Carolina	1880	34	132,800	202	48,550	199	.....	3	62,380	178,449
	1890	14	132,297	97	35,335	96	.....	1	42,371	105,875
Ohio	1880	156	16,111,576	7,536	2,981,065	7,281	13	242	7,243,326	15,479,825
	1890	106	29,399,930	8,326	4,052,712	8,254	61	11	5,654,360	14,333,258
Oregon	1880	4	35,000	18	9,100	17	.....	1	7,073	24,450
	1890	3	8,027	4	2,890	4	.....	.....	2,167	6,239
Pennsylvania	1880	220	3,452,923	2,617	898,608	2,540	.....	77	1,788,420	3,686,212
	1890	94	4,457,464	1,895	898,490	1,891	3	1	1,043,263	2,682,718
Rhode Island	1880	4	18,500	16	5,219	16	.....	.....	6,710	15,068
	b1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	1880	7	18,150	88	7,050	33	10	45	5,250	17,475
	1890	4	38,210	39	11,226	39	.....	.....	19,567	35,485
South Dakota (c)	1890	3	13,050	12	3,551	12	.....	.....	3,045	9,400
Tennessee	1880	33	161,030	178	43,277	172	1	5	59,280	182,116
	1890	12	383,189	258	121,866	251	1	6	118,625	328,856

a None reported in 1890.

b See "All other states", page 644.

c Part of Dakota territory in 1880, from which no reports were received.

TABLE 7.—COMPARATIVE STATEMENT OF SELECTED INDUSTRIES, ETC.—Continued.

AGRICULTURAL IMPLEMENTS—Continued.

STATES AND TERRITORIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Texas	1880	13	$33,800	139	$46,750	133	.....	6	$46,700	$143,700
	1890	11	207,987	260	90,838	260	.....	.....	116,844	307,795
Utah	1880	1	5,000	16	11,232	16	.....	.....	3,759	16,991
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	1880	35	649,900	484	165,894	462	2	.....	357,639	718,455
	1890	19	645,686	352	180,186	343	5	4	273,204	593,648
Virginia	1880	51	536,039	530	162,634	519	.....	11	244,377	602,959
	1890	19	684,454	489	243,023	488	1	.....	295,776	691,210
West Virginia	1880	8	73,050	63	18,195	63	.....	.....	17,535	69,340
	b1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1880	108	3,747,095	2,967	874,667	1,999	.....	68	1,373,547	3,742,069
	1890	51	10,611,185	3,031	1,489,673	2,981	31	19	1,928,182	5,015,512
All other states (c)	1890	5	88,500	33	17,697	33	.....	.....	25,970	50,453

a None reported in 1890. b See "All other states". c Includes establishments distributed as follows: Rhode Island, 1; Washington, 2; West Virginia, 2.

BOOTS AND SHOES, FACTORY PRODUCT.

The United States	1880	1,959	42,994,028	111,152	43,001,438	82,547	25,122	3,483	102,442,442	166,050,354
	1890	2,082	95,282,311	139,333	66,375,076	96,486	40,418	2,435	118,785,831	220,649,358
California	1880	81	1,001,183	2,499	1,064,038	2,246	165	88	2,022,487	3,649,551
	1890	56	1,740,175	2,472	1,261,919	2,033	391	48	1,524,272	3,395,045
Colorado	1880	1	60,000	75	17,590	75	.....	.....	78,100	125,000
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1880	26	631,000	1,412	529,058	1,012	383	17	1,335,397	2,211,385
	1890	20	683,100	1,061	529,467	760	289	12	750,140	1,535,125
Georgia	1880	4	41,800	38	11,445	35	1	2	64,241	89,725
	1890	3	16,461	26	7,204	22	3	1	7,917	18,542
Idaho	1880	1	4,000	19	3,750	8	1	1	2,100	10,500
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	1880	33	1,729,200	2,060	755,769	1,718	242	100	1,834,999	3,183,026
	1890	56	3,781,476	4,152	2,047,331	2,817	1,303	32	4,931,986	8,756,824
Indiana	1880	12	226,500	341	111,465	304	33	4	296,448	476,845
	1890	6	98,065	186	67,205	136	47	3	99,157	179,936
Iowa	1880	3	61,040	139	32,950	135	4	.....	166,090	243,040
	1890	6	435,066	319	135,850	203	116	.....	286,716	574,378
Kansas	1880	3	16,000	67	13,800	62	.....	5	34,350	55,814
	b1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1880	15	197,100	472	159,587	315	129	28	339,433	578,732
	1890	11	280,166	325	138,810	207	108	10	266,219	526,387
Louisiana	1880	4	17,000	115	53,618	115	.....	.....	85,000	164,090
	1890	17	293,244	825	365,280	766	9	50	412,497	968,917
Maine	1880	52	1,369,000	3,949	1,335,168	2,634	1,180	105	3,886,446	5,823,541
	1890	53	4,894,946	6,597	3,078,466	4,235	2,328	34	5,809,682	10,335,342
Maryland	1880	34	590,600	1,796	595,603	1,271	450	75	1,216,118	2,212,963
	1890	28	863,965	1,253	521,048	856	387	10	723,952	1,533,761
Massachusetts	1880	982	21,098,133	61,651	24,875,196	46,988	18,374	1,289	59,906,773	95,900,519
	1890	1,057	44,567,702	69,934	34,949,698	50,009	18,945	980	63,928,182	116,387,900
Michigan	1880	10	343,500	783	340,172	690	67	26	736,184	1,216,255
	1890	12	972,534	1,371	582,132	905	458	8	1,209,387	2,065,531
Minnesota	1880	5	463,000	402	207,218	357	24	21	571,644	930,192
	1890	8	1,794,711	1,182	614,022	798	383	1	1,090,722	2,032,814
Mississippi	1880	2	14,500	32	6,715	27	4	1	12,162	21,775
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1880	26	642,800	1,282	447,603	864	225	193	1,224,796	1,982,993
	1890	29	3,712,915	2,813	1,247,292	1,664	1,026	123	2,521,027	4,841,004
New Hampshire	1880	59	1,696,200	4,434	1,792,832	3,390	985	59	4,751,968	7,239,894
	1890	64	3,956,774	8,069	3,469,908	5,554	2,391	124	6,749,322	11,986,003
New Jersey	1880	89	964,245	3,318	1,278,269	2,302	899	117	2,837,861	4,689,286
	1890	109	2,811,098	5,455	2,488,858	3,572	1,735	148	3,417,180	7,255,499
New York	1880	272	6,227,537	13,414	4,902,132	9,072	3,711	631	11,502,251	18,979,259
	1890	257	11,950,891	16,170	7,560,134	10,914	4,884	372	12,383,851	23,661,204
North Carolina	1880	5	34,000	108	23,990	97	1	10	65,900	107,600
	1890	4	118,000	102	31,920	86	8	8	76,670	155,990

a None reported in 1890. b See "All other states and territories", page 645.

TABLE 7.—COMPARATIVE STATEMENT OF SELECTED INDUSTRIES, ETC.—Continued.

BOOTS AND SHOES, FACTORY PRODUCT—Continued.

STATES AND TERRITORIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Ohio	1880	51	$1,154,200	3,204	$1,089,116	2,255	671	278	$2,498,178	$4,167,476
	1890	63	3,176,318	6,991	2,573,080	3,748	2,172	71	4,480,206	8,489,728
Oregon	1880	1	10,000	15	10,000	15	.....	.....	27,500	46,000
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1880	145	3,627,840	7,845	2,820,976	5,085	2,442	318	5,425,844	9,590,002
	1890	158	5,394,799	7,952	3,398,690	5,157	2,462	333	5,012,096	10,354,850
Rhode Island	b1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	3	27,850	13	5,534	0	3	1	110,745	158,800
Tennessee	1880	3	6,000	26	9,905	23	.....	3	17,191	35,826
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	b1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	3	62,250	47	30,508	37	10	.....	42,900	109,850
Utah	1880	8	60,050	186	55,220	117	33	36	108,160	189,669
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	1880	6	88,000	101	41,950	93	8	.....	126,688	198,200
	1890	7	348,827	239	107,390	152	77	10	346,557	529,486
Virginia	1880	5	60,800	221	30,381	172	42	7	116,893	187,520
	1890	7	501,661	272	139,888	188	77	7	874,564	1,279,069
West Virginia	1880	1	10,000	10	3,500	10	.....	.....	11,000	17,002
	c1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1880	20	548,800	1,177	381,732	970	138	69	1,147,140	1,736,773
	1890	32	2,621,606	2,155	875,785	1,385	734	36	1,466,557	2,972,233
All other states and territories (d)	1890	13	267,711	352	147,657	267	72	13	282,236	546,222

a See "All other states and territories".
b None reported in 1880.
c None reported in 1890.
d Includes establishments distributed as follows: Alabama, 1; Delaware, 1; Kansas, 2; Nebraska, 1; Oregon, 1; South Carolina, 2; Tennessee, 2; Utah, 2; Washington, 1.

CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT.

The United States	1880	3,932	9,604,803	7,903	1,546,495	6,419	1,330	154	18,363,579	25,742,510
	1890	4,552	16,016,573	14,369	5,116,005	13,536	733	100	49,819,301	60,635,705
Arizona	1880	2	2,100	6	600	4	2	.....	2,760	6,395
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	1880	216	1,039,365	391	70,434	357	20	14	339,334	590,434
	1890	19	125,650	54	26,090	50	4	.....	131,283	172,579
Colorado	1880	2	11,000	6	1,050	6	.....	.....	5,902	9,225
	1890	6	30,065	20	13,840	20	.....	.....	75,226	110,924
Connecticut	1880	16	36,775	33	11,360	29	4	.....	87,820	134,440
	1890	49	196,770	162	86,467	155	5	2	706,038	881,327
Dakota	1880	4	10,200	3	210	3	.....	.....	1,002	2,260
	b1890	26	72,483	86	22,022	84	1	1	143,685	186,024
Delaware	1880	3	18,290	8	610	4	3	1	4,620	7,710
	1890	5	19,085	19	6,840	19	.....	.....	107,542	124,780
District of Columbia	1880	1	10,000	8	3,300	8	.....	.....	36,500	44,920
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	1880	6	15,250	13	2,100	8	5	.....	6,590	13,239
	1890	4	25,175	16	2,800	9	7	.....	11,461	17,805
Illinois	1880	285	933,586	698	233,974	631	56	11	2,840,327	3,876,085
	1890	262	2,180,685	1,540	698,014	1,359	154	27	6,582,144	8,004,991
Indiana	1880	49	82,345	122	20,587	104	16	2	157,606	225,049
	1890	52	129,414	187	70,747	183	4	.....	299,599	402,556
Iowa	1880	244	657,508	795	139,813	670	91	34	1,261,316	1,736,400
	1890	497	2,074,177	2,545	1,032,799	2,517	25	3	8,360,689	10,545,182
Kansas	1880	48	81,765	88	10,420	70	12	6	43,859	72,783
	1890	101	433,792	312	111,143	299	11	2	713,677	919,787
Kentucky	1880	8	20,100	14	1,200	11	2	1	7,854	14,178
	c1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1880	41	82,512	58	8,213	48	9	1	47,692	75,592
	1890	40	110,215	100	37,195	95	5	.....	334,403	401,026
Maryland	1880	14	22,950	18	3,471	18	.....	.....	60,190	87,956
	1890	24	75,875	56	16,224	55	.....	1	160,280	202,288
Massachusetts	1880	22	97,550	52	14,277	46	5	1	128,845	194,110
	1890	29	118,781	91	51,754	88	3	.....	484,798	576,742

a None reported in 1880. b North Dakota and South Dakota combined for 1890. c See "All other states", page 646.

TABLE 7.—COMPARATIVE STATEMENT OF SELECTED INDUSTRIES, ETC.—Continued.

CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT—Continued.

STATES AND TERRITORIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Michigan	1880	74	$129,925	114	$21,103	88	23	3	$218,479	$317,877
	1890	100	481,770	424	139,673	386	35	3	946,152	1,179,139
Minnesota	1880	27	71,149	38	7,680	31	5	2	38,262	62,094
	1890	106	606,184	855	397,618	846	6	3	2,168,307	2,958,476
Missouri	1880	30	123,990	57	8,464	38	12	7	65,950	96,128
	1890	61	252,024	186	61,164	179	5	2	299,925	400,551
Montana	1880	3	10,250	6	470	6	.....	.....	4,700	7,900
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	1880	21	81,165	37	5,921	28	7	2	27,791	46,322
	1890	58	339,165	475	180,367	438	26	11	868,839	1,183,000
Nevada	1880	2	3,200	3	130	3	.....	.....	875	1,587
	b1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1880	2	10,400	4	780	1	3	.....	20,683	27,887
	1890	23	71,992	66	34,539	60	5	1	420,767	494,466
New Jersey	1880	11	42,170	32	8,395	30	1	1	85,491	123,063
	1890	16	88,959	39	15,192	38	1	.....	120,223	146,394
New York	1880	1,652	3,576,214	3,368	623,391	2,526	808	34	8,848,708	12,295,353
	1890	1,308	4,002,026	3,675	837,617	2,760	296	19	12,362,992	14,885,966
North Carolina	1880	2	900	.....	.....	.....	.....	.....	152	250
	b1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Dakota (c)	1890	10	38,490	26	7,413	26	.....	.....	67,528	85,140
Ohio	1880	452	948,702	819	162,985	701	104	14	1,985,050	2,756,793
	1890	330	819,720	890	264,629	866	20	4	2,481,872	3,001,606
Oregon	1880	24	192,650	39	6,170	32	6	1	20,233	43,216
	1890	12	86,290	32	10,750	30	2	.....	45,265	66,426
Pennsylvania	1880	146	395,020	304	51,943	253	43	8	655,368	915,468
	1890	300	1,322,384	904	322,668	872	25	7	4,433,395	5,319,434
Rhode Island	d1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	4	16,983	19	10,046	19	.....	.....	71,894	91,322
South Dakota (c)	1890	10	33,993	60	14,609	58	1	1	76,157	100,884
Tennessee	1880	2	1,800	5	300	4	.....	1	1,188	1,980
	1890	4	19,405	11	2,249	8	2	1	15,176	18,605
Texas	d1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	3	19,172	10	1,575	10	.....	.....	7,277	10,373
Utah	1880	11	22,402	20	2,035	14	.....	6	12,095	21,928
	1890	3	22,300	12	4,610	12	.....	.....	13,359	18,650
Vermont	1880	85	202,300	156	22,535	126	28	2	284,422	393,122
	1890	123	367,353	310	95,972	291	18	1	1,387,445	1,602,641
Virginia	1880	4	33,700	8	950	8	.....	.....	6,786	10,621
	1890	12	47,575	44	13,033	44	.....	.....	158,226	202,544
Washington	1880	2	16,467	8	1,600	8	.....	.....	11,794	18,820
	1890	3	9,850	4	1,185	4	.....	.....	24,475	33,100
West Virginia	1880	7	7,550	11	1,104	8	3	.....	6,378	10,238
	1890	3	6,905	4	630	4	.....	.....	5,242	6,540
Wisconsin	1880	414	613,643	561	98,920	497	62	2	1,036,357	1,501,087
	1890	966	1,833,988	1,817	545,361	1,732	73	12	5,876,630	6,960,711
All other states (e)	1890	3	10,361	4	1,252	4	.....	.....	7,015	9,150

a See "All other states".
b None reported in 1890.
c See Dakota.
d None reported in 1880.
e Includes establishments distributed as follows: Kentucky, 1; Montana, 1; Wyoming, 1.

FLOURING AND GRIST MILL PRODUCTS.

The United States	1880	24,338	177,361,878	58,407	17,422,316	58,239	42	126	441,545,225	505,185,712
	1890	18,470	208,473,500	63,481	27,035,742	62,801	474	206	434,152,290	513,971,474
Alabama	1880	807	1,803,514	1,366	211,243	1,337	4	25	3,787,711	4,315,174
	1890	702	1,410,730	1,442	266,459	1,433	3	6	2,471,828	3,060,452
Arizona	1880	8	94,000	27	9,615	27	.....	.....	141,103	165,357
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas	1880	350	810,915	744	97,614	740	.....	4	1,979,317	2,249,289
	1890	376	975,616	992	169,790	984	.....	8	2,041,587	2,498,168
California	1880	150	4,363,285	885	514,602	877	4	7	11,067,847	12,701,477
	1890	101	6,126,305	1,044	817,691	1,027	11	6	12,047,810	14,200,320
Colorado	1880	34	496,500	193	94,351	193	.....	.....	2,126,522	2,534,644
	1890	33	2,135,085	291	199,780	290	.....	1	3,155,919	3,898,166

a See "All other territories", page 648.

TABLE 7.—COMPARATIVE STATEMENT OF SELECTED INDUSTRIES, ETC.—Continued.

FLOURING AND GRIST MILL PRODUCTS—Continued.

STATES AND TERRITORIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Connecticut	1880	234	$1,092,824	361	$117,722	361	.....	.....	$2,540,908	$2,964,134
	1890	177	1,516,008	450	225,562	446	3	1	2,387,155	2,904,244
Dakota	1880	30	301,665	86	37,372	86	.....	.....	842,298	1,040,958
	a1890	97	2,282,594	600	318,650	594	4	2	4,460,727	5,417,899
Delaware	1880	81	761,015	220	72,231	219	.....	1	1,165,103	1,341,028
	1890	50	1,127,592	201	90,092	198	.....	3	1,464,485	1,675,040
District of Columbia	1880	9	230,400	40	21,508	40	.....	.....	1,071,600	1,172,375
	1890	6	698,417	149	85,718	149	.....	.....	1,359,888	1,564,062
Florida	1880	94	224,655	142	22,257	140	2	.....	287,959	337,780
	1890	60	143,884	190	30,438	189	1	.....	159,135	198,110
Georgia	1880	1,132	3,576,301	1,845	327,602	1,823	4	18	8,619,092	9,793,898
	1890	719	2,347,835	1,394	301,342	1,369	4	21	4,356,700	5,190,311
Idaho	1880	16	287,000	48	16,155	46	2	.....	422,630	520,986
	1890	13	228,405	63	31,333	63	.....	.....	262,811	376,946
Illinois	1880	1,024	13,579,680	4,960	1,868,124	4,950	7	3	41,486,756	47,471,558
	1890	647	13,101,860	4,385	2,048,716	4,324	43	18	31,733,747	37,974,885
Indiana	1880	996	9,484,023	3,159	989,087	3,146	.....	13	26,104,637	29,591,397
	1890	723	10,022,173	3,640	1,606,892	3,607	26	7	26,603,127	31,239,627
Iowa	1880	713	7,890,859	2,147	748,045	2,146	.....	1	16,488,480	19,089,401
	1890	441	6,696,759	1,749	788,872	1,707	31	11	9,786,174	11,833,737
Kansas	1880	320	3,935,828	1,332	520,300	1,329	.....	3	10,280,121	11,858,022
	1890	348	7,844,280	2,069	1,053,505	2,054	9	6	14,285,990	17,420,475
Kentucky	1880	652	3,685,759	1,485	336,419	1,478	.....	7	8,406,432	9,604,147
	1890	505	4,285,649	1,816	633,747	1,798	7	11	7,917,917	9,681,259
Louisiana	1880	84	176,380	107	22,245	107	.....	.....	397,440	489,848
	1890	19	33,995	48	7,619	48	.....	.....	41,836	57,964
Maine	1880	261	993,500	385	109,882	385	.....	.....	3,500,926	3,966,023
	1890	210	1,194,900	463	186,420	462	1	.....	2,806,869	3,254,690
Maryland	1880	646	3,145,520	898	219,705	898	.....	.....	6,965,298	7,954,004
	1890	335	3,007,730	932	406,353	917	11	4	5,778,873	6,904,888
Massachusetts	1880	350	2,880,365	686	290,070	683	2	1	7,814,583	8,774,049
	1890	238	2,908,303	770	386,153	757	13	.....	5,959,480	6,906,493
Michigan	1880	706	7,704,464	2,255	726,289	2,254	.....	1	20,668,615	23,546,875
	1890	544	8,472,852	2,425	1,093,861	2,400	16	9	19,462,779	22,778,829
Minnesota	1880	436	10,510,362	2,634	1,371,646	2,634	.....	.....	37,155,429	41,519,004
	1890	307	19,518,743	4,038	2,243,855	4,026	9	3	52,383,867	60,158,088
Mississippi	1880	525	889,950	848	96,423	848	.....	.....	1,535,602	1,762,523
	1890	408	652,663	980	125,293	973	4	3	1,009,335	1,249,669
Missouri	1880	872	7,883,675	3,376	1,200,493	3,375	.....	1	28,202,782	32,438,831
	1890	710	12,630 645	3,855	1,811,395	3,779	60	16	29,210,039	34,486,795
Montana	1880	15	159,500	52	25,765	52	.....	.....	357,365	475,467
	1890	7	277,900	34	27,651	34	.....	.....	237,245	302,965
Nebraska	1880	170	1,615,070	506	105,085	506	.....	.....	3,532,942	4,193,080
	1890	185	3,586,090	922	475,741	911	6	5	5,031,858	6,365,492
Nevada	1880	7	163,000	31	9,975	31	.....	.....	369,117	405,089
	b1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1880	181	712,555	253	78,284	253	.....	.....	2,259,718	2,542,784
	1890	121	905,075	265	123,790	264	1	.....	2,061,208	2,358,616
New Jersey	1880	481	3,879,083	936	285,626	934	.....	2	7,303,244	8,459,944
	1890	228	2,816,221	707	336,076	700	5	2	5,026,694	5,928,352
New Mexico	1880	51	249,250	134	35,416	134	.....	.....	435,450	529,171
	1890	18	181,050	56	22,847	55	1	.....	208,607	307,805
New York	1880	1,768	19,545,994	4,304	1,587,899	4,284	10	10	43,226,194	49,331,984
	1890	1,235	21,128,597	4,607	2,430,231	4,558	43	6	44,890,115	52,550,744
North Carolina	1880	1,313	3,218,053	1,844	237,777	1,844	.....	.....	5,722,603	6,462,806
	1890	1,039	2,334,130	1,721	391,576	1,715	3	3	4,379,218	5,279,068
North Dakota (c)	1890	35	1,154,040	275	151,650	273	.....	2	2,152,006	2,624,198
Ohio	1880	1,380	12,328,847	3,875	1,221,494	3,874	.....	1	34,157,024	38,950,264
	1890	910	13,472,455	4,296	2,008,630	4,177	114	5	33,418,856	39,468,409
Oregon	1880	106	1,286,200	307	139,882	307	.....	.....	2,978,714	3,475,531
	1890	86	2,247,389	399	237,935	396	1	2	3,380,917	4,184,473
Pennsylvania	1880	2,873	20,238,601	4,434	1,105,939	4,422	1	11	36,291,933	41,522,662
	1890	2,226	21,079,642	5,140	2,102,181	5,107	22	20	33,238,981	39,478,076
Rhode Island	1880	48	579,600	105	46,870	105	.....	.....	981,861	1,137,990
	1890	31	391,102	135	76,252	134	.....	1	1,168,188	1,349,843

a North Dakota and South Dakota combined for 1890. b None reported in 1890. c See Dakota.

TABLE 7.—COMPARATIVE STATEMENT OF SELECTED INDUSTRIES, ETC.—Continued.

FLOURING AND GRIST MILL PRODUCTS—Continued.

STATES AND TERRITORIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
South Carolina	1880	720	$1,339,269	1,052	$139,352	1,048	1	3	$3,265,485	$3,779,470
	1890	512	984,791	906	163,747	902	.....	4	1,726,896	2,083,126
South Dakota (a)	1890	62	1,128,554	325	107,000	321	4	.....	2,308,721	2,793,701
Tennessee	1880	990	3,595,585	1,849	376,399	1,847	.....	2	9,070,421	10,784,804
	1890	918	4,964,437	2,050	643,012	2,039	8	3	10,592,752	12,474,284
Texas	1880	921	3,082,952	2,609	368,683	2,602	1	6	6,371,606	7,617,177
	1890	690	4,052,802	1,965	531,940	1,954	1	10	8,294,003	9,903,455
Utah	1880	85	595,950	157	56,557	157	.....	.....	1,136,176	1,364,619
	1890	49	884,098	177	94,328	177	.....	.....	1,160,641	1,468,681
Vermont	1880	227	1,152,461	331	81,589	331	.....	.....	2,602,641	3,038,688
	1890	217	1,343,356	405	162,966	403	2	.....	2,452,944	2,890,174
Virginia	1880	1,385	5,791,137	2,205	409,639	2,200	3	2	10,574,211	12,210,272
	1890	1,179	5,498,057	2,200	657,591	2,195	1	4	9,849,144	11,716,356
Washington	1880	9	42,300	23	7,125	23	.....	.....	87,810	114,085
	1890	38	1,140,630	222	140,865	222	.....	.....	2,013,304	2,460,809
West Virginia	1880	472	1,777,297	744	140,508	742	1	1	3,384,797	3,942,818
	1890	496	1,767,003	930	277,154	929	1	.....	3,228,786	3,902,994
Wisconsin	1880	705	9,199,735	2,421	861,302	2,418	.....	3	24,306,982	27,639,430
	1890	497	9,804,761	2,300	1,172,505	2,287	9	4	20,420,677	24,252,297
Wyoming	1880	1	7,000	3	150	3	.....	.....	3,740	4,790
	1890	6	128,225	18	11,495	18	.....	.....	125,265	157,251
All other territories (b)	1890	7	122,666	31	17,693	30	.....	1	100,313	157,087

a See Dakota. b Includes establishments distributed as follows: Arizona, 5; Indian territory, 2.

LEATHER, TANNED AND CURRIED.

[For purposes of comparison, this table includes for 1880, 2,319 establishments reported as "Leather curried" and 3,105 as "Leather tanned". At the Tenth Census an establishment engaged in both tanning and currying made a separate report for each branch of the industry and was counted twice. In 1890 but one report was received for each establishment.]

The United States	1880	5,424	67,100,574	34,865	14,049,656	34,095	265	505	145,255,716	184,699,633
	1890	3,596	81,261,696	34,348	17,825,695	34,143	126	79	100,114,806	138,282,004
Alabama	1880	145	119,230	186	32,949	177	.....	9	215,775	342,668
	1890	21	38,045	51	11,314	49	1	1	42,539	77,066
Arkansas	1880	10	10,100	11	3,039	11	.....	.....	11,267	19,950
	1890	5	13,525	9	2,814	9	.....	.....	12,765	16,684
California	1880	140	2,174,100	858	476,646	844	1	13	4,429,284	5,740,573
	1890	62	3,119,298	1,193	826,331	1,189	2	2	4,165,410	5,729,278
Colorado	1880	6	33,400	28	17,500	26	2	.....	91,550	146,350
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1880	19	79,900	65	22,925	65	.....	.....	177,175	233,700
	1890	7	369,021	124	67,443	120	4	.....	499,377	619,139
Delaware	1880	7	17,600	16	4,631	16	.....	.....	61,825	74,300
	1890	3	36,587	17	9,193	13	.....	4	70,489	91,200
District of Columbia	1880	2	10,000	3	425	3	.....	.....	4,010	5,164
	b1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	1880	173	203,450	243	50,284	239	.....	4	388,696	619,957
	1890	32	373,610	255	94,369	253	.....	2	259,585	433,853
Idaho	1880	4	3,700	3	1,000	2	.....	1	4,503	6,561
	b1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	1880	52	2,754,900	1,489	740,124	1,360	99	30	6,127,368	7,793,450
	1890	30	4,876,671	1,947	1,190,922	1,942	.....	5	5,770,146	8,240,803
Indiana	1880	198	1,034,901	485	174,841	477	.....	8	2,163,635	2,729,429
	1890	46	780,757	357	173,380	355	.....	2	911,834	1,241,306
Iowa	1880	20	27,030	28	7,744	24	1	3	71,119	105,585
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	1880	3	1,500	4	1,326	4	.....	.....	6,536	9,265
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1880	109	1,910,830	640	237,608	628	1	11	2,353,294	3,199,843
	1890	31	2,519,339	635	251,028	632	2	1	2,573,299	3,487,570
Louisiana	1880	14	12,350	18	3,969	16	.....	2	31,326	48,836
	1890	4	35,060	20	12,360	20	.....	.....	44,889	69,131
Maine	1880	117	2,070,600	1,667	563,998	1,649	10	8	7,825,737	9,713,317
	1890	51	2,231,702	911	411,791	900	11	.....	2,307,343	3,363,672

a See "All other states", page 649. b None reported in 1890.

TABLE 7.—COMPARATIVE STATEMENT OF SELECTED INDUSTRIES, ETC.—Continued.

LEATHER, TANNED AND CURRIED—Continued.

STATES AND TERRITORIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Maryland	1880	111	$971,470	497	$163,760	481	9	7	$1,428,194	$1,977,049
	1890	32	594,478	356	148,548	349	6	1	722,474	986,430
Massachusetts	1880	327	7,020,209	6,691	3,033,095	6,617	10	64	30,868,266	36,839,496
	1890	138	9,002,929	5,852	3,343,688	5,844	7	1	16,137,829	21,656,425
Michigan	1880	110	1,337,800	577	274,178	571	6	.....	2,262,624	3,026,585
	1890	20	1,200,982	378	198,594	377	1	.....	1,273,315	1,743,760
Minnesota	1880	12	58,100	49	26,070	49	.....	.....	203,778	252,685
	1890	10	482,457	112	60,267	110	1	1	518,099	700,217
Mississippi	1880	60	63,990	85	19,548	83	.....	2	141,098	208,696
	1890	4	14,220	13	4,046	13	.....	.....	15,203	22,077
Missouri	1880	41	210,350	184	66,621	173	3	8	597,839	771,695
	1890	17	691,353	328	194,287	328	.....	.....	1,111,577	1,511,990
New Hampshire	1880	90	955,300	740	313,915	705	35	.....	3,557,361	4,477,350
	1890	18	1,303,992	709	337,556	688	21	.....	2,303,363	2,988,209
New Jersey	1880	111	3,793,796	2,688	1,479,296	2,510	31	147	12,353,017	15,475,222
	1890	31	1,185,362	757	482,246	756	.....	1	1,961,634	2,780,016
New York	1880	571	13,430,771	5,990	2,186,168	5,875	34	81	23,225,535	29,844,368
	1890	200	13,204,247	5,756	2,864,665	5,720	22	14	14,318,529	20,614,037
North Carolina	1880	230	250,390	309	51,436	304	.....	5	354,885	564,222
	1890	55	116,364	132	34,401	129	.....	3	115,507	190,887
Ohio	1880	553	3,112,065	1,499	607,804	1,475	6	18	6,388,616	8,243,900
	1890	113	4,380,015	1,569	827,742	1,562	3	4	5,134,248	6,701,670
Oregon	1880	27	55,600	31	14,850	28	.....	3	100,509	155,344
	1890	13	128,750	45	30,012	45	.....	.....	110,522	164,193
Pennsylvania	1880	1,097	18,179,604	6,438	2,302,896	6,368	16	54	26,355,668	34,894,245
	1890	376	25,111,007	8,543	4,097,524	8,501	15	27	27,857,755	39,011,518
Rhode Island	1880	7	440,000	142	71,170	142	.....	.....	695,620	865,125
	1890	6	378,334	90	60,918	89	1	.....	311,765	412,213
South Carolina	1880	50	51,075	82	11,572	82	.....	.....	79,827	117,117
	1890	4	12,093	13	3,233	13	.....	.....	12,120	21,900
Tennessee	1880	260	624,260	465	114,688	451	.....	14	1,494,379	2,051,087
	1890	60	732,230	658	215,032	657	.....	1	755,767	1,266,556
Texas	1880	49	54,000	54	11,335	52	.....	2	85,047	126,285
	1890	7	92,450	37	22,776	37	.....	.....	57,473	90,890
Utah	1880	25	69,500	40	15,324	36	.....	4	67,502	106,355
	1890	4	50,820	24	16,446	24	.....	.....	38,277	78,789
Vermont	1880	77	547,250	248	84,706	247	.....	1	1,296,058	1,614,840
	1890	17	266,640	160	80,124	160	.....	.....	416,747	592,093
Virginia	1880	286	748,723	420	94,144	419	.....	1	879,384	1,244,819
	1890	82	945,014	459	159,026	447	3	9	805,487	1,224,800
Washington	1880	4	20,000	6	4,300	6	.....	.....	43,760	56,500
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	1880	173	745,390	413	145,148	408	1	4	1,676,375	2,176,538
	1890	50	567,072	240	103,937	240	.....	.....	680,298	896,120
Wisconsin	1880	134	2,997,250	1,473	618,623	1,472	.....	1	7,137,274	8,821,162
	1890	38	6,345,812	2,570	1,371,967	2,544	26	.....	8,732,182	11,161,850
All other states (b)	1890	9	61,460	28	17,625	28	.....	.....	66,968	95,662

a See "All other states".
b Includes establishments distributed as follows: Colorado, 1; Iowa, 2; Kansas, 2; Nebraska, 1; South Dakota, 1; Washington, 1; Wyoming, 1.

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The United States	1880	692	46,241,202	24,422	8,525,355	16,133	7,640	649	33,951,297	55,109,914
	1890	567	82,374,099	29,568	13,746,584	22,552	6,789	227	42,223,314	74,309,388
California	1880	6	610,000	164	87,622	156	5	3	241,015	386,197
	1890	5	421,004	186	131,951	169	15	2	399,901	630,262
Colorado	1880	1	25,000	20	6,000	14	1	5	10,350	27,300
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1880	65	3,168,931	1,702	656,000	1,173	478	51	2,761,316	4,337,550
	1890	42	3,920,916	1,464	725,214	1,057	396	11	2,014,680	3,556,257
Delaware	1880	4	2,508,000	252	112,666	179	67	6	582,154	737,905
	b1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	1880	1	35,000	28	7,497	20	8	.....	44,520	70,400
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....

a None reported in 1890. b See "All other states and territories", page 650.

TABLE 7.—COMPARATIVE STATEMENT OF SELECTED INDUSTRIES, ETC.—Continued.

PAPER—Continued.

STATES AND TERRITORIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Georgia	1880	7	$255,000	150	$31,668	102	41	7	$149,563	$221,572
	1890	3	117,400	74	20,540	56	18	.....	45,695	93,874
Illinois	1880	23	1,246,000	769	293,144	646	82	41	884,688	1,679,692
	1890	21	1,687,381	795	355,138	722	50	23	581,329	1,467,289
Indiana	1880	19	875,000	484	166,628	291	167	26	741,793	1,112,660
	1890	22	1,307,805	718	328,356	630	78	10	809,490	1,588,705
Iowa	1880	4	305,000	152	59,235	118	29	5	82,135	193,075
	1890	7	324,498	197	80,510	165	30	2	116,349	268,934
Kansas	1880	1	22,000	9	584	6	3	.....	1,450	3,050
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1880	2	600,000	295	82,460	172	113	10	363,070	619,422
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1880	12	1,995,000	1,067	325,691	753	314	.....	1,347,509	2,170,321
	1890	6	1,578,327	775	371,980	708	67	.....	1,062,628	1,762,440
Maryland	1880	25	475,048	465	119,876	298	121	46	738,140	1,028,591
	1890	17	919,766	491	193,168	395	88	8	552,604	1,001,945
Massachusetts	1880	96	11,722,046	7,148	2,467,359	3,523	3,563	62	9,213,221	15,188,196
	1890	85	22,467,036	8,111	3,906,641	4,839	3,258	14	12,210,458	21,524,173
Michigan	1880	21	1,033,338	589	214,812	428	132	29	730,614	1,204,664
	1890	21	1,779,540	938	451,483	704	223	11	1,451,698	2,292,984
Minnesota	1880	2	310,000	83	34,000	61	22	.....	118,150	183,900
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	1880	1	40,000	16	1,561	13	.....	3	2,350	5,000
	1890	3	185,500	78	22,352	76	2	.....	27,128	90,995
New Hampshire	1880	25	1,197,000	702	249,612	497	202	3	1,131,425	1,731,170
	1890	12	1,134,091	502	233,276	369	133	.....	695,041	1,224,022
New Jersey	1880	32	1,830,500	842	272,936	670	139	33	1,280,182	2,015,569
	1890	21	1,882,193	546	276,055	457	84	5	724,236	1,377,385
New York	1880	168	6,859,565	3,814	1,217,580	2,929	751	134	5,579,525	8,524,279
	1890	128	15,636,411	5,020	2,286,407	4,538	440	42	7,629,039	13,195,452
North Carolina	1880	4	129,500	80	20,860	47	29	4	88,200	145,000
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	1880	60	4,804,274	2,308	839,231	1,684	527	97	3,024,068	5,108,194
	1890	50	7,581,536	3,042	1,324,302	2,449	562	31	3,991,377	7,209,750
Oregon	1880	1	12,000	18	8,888	18	.....	.....	20,360	43,100
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1880	78	4,099,000	2,083	752,151	1,481	555	47	3,185,168	5,355,912
	1890	72	9,404,772	3,059	1,386,935	2,329	682	57	4,646,456	7,838,299
Tennessee	1880	1	20,500	20	3,250	5	5	10	12,600	17,975
	b1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	1880	1	5,000	6	3,000	4	2	.....	8,000	12,000
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	1880	13	785,500	377	189,889	283	92	2	556,667	1,237,484
	1890	14	2,977,111	970	471,589	908	62	.....	1,208,412	2,289,901
Virginia	1880	3	170,000	115	40,000	87	26	2	128,014	261,000
	1890	4	438,903	188	74,383	137	47	4	143,972	310,991
West Virginia	1880	3	160,000	78	25,200	74	1	3	145,900	211,000
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1880	13	943,000	586	235,955	401	165	20	773,150	1,277,736
	1890	19	4,927,318	1,613	695,221	1,126	482	5	2,471,136	4,216,593
All other states and territories (c)	1890	15	3,682,591	801	411,083	727	72	2	1,441,685	2,369,137

a See "All other states and territories".
b None reported in 1890.
c Includes establishments distributed as follows: Delaware, 2; Kansas, 1; Kentucky, 1; Minnesota, 2; Missouri, 1; North Carolina, 1; Oregon, 2; Rhode Island, 2; Utah, 1; West Virginia, 2.

SLAUGHTERING AND MEAT PACKING, WHOLESALE, INCLUDING SAUSAGE IN 1880.

[For purposes of comparison this table includes, for 1890, 249 establishments reported as "Sausage"; 611 as "Slaughtering and meat packing, wholesale", and 507 as "Slaughtering, wholesale, not including meat packing". For information concerning "Sausage", see Table 5.]

The United States	1880	872	49,419,213	27,297	10,508,530	26,113	.....	1,184	267,738,902	303,562,413
	1890	1,367	118,016,066	49,052	29,403,249	47,215	1,133	704	482,897,381	564,667,035
Arkansas	1880	2	4,500	10	3,800	10	.....	.....	61,175	85,680
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	1880	51	2,130,200	487	341,488	467	.....	20	6,149,623	7,953,914
	1890	70	2,252,049	633	555,499	629	3	1	8,151,994	9,901,662

a None rsported in 1890.

TABLE 7.—COMPARATIVE STATEMENT OF SELECTED INDUSTRIES, ETC.—Continued.

SLAUGHTERING AND MEAT PACKING, WHOLESALE, INCLUDING SAUSAGE IN 1880—Continued.

STATES AND TERRITORIES.	Year.	Number of establishments reporting.	Capital.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.					Cost of materials used.	Value of products.
				Aggregates.		Males above 16 years.	Females above 15 years.	Children.		
				Average number.	Total wages.					
Colorado	1880	14	$166,000	87	$51,190	82	.....	5	$926,085	$1,082,690
	a1890	4	340,150	91	77,492	91	.....	.....	1,825,249	2,128,030
Connecticut	1880	12	304,000	423	206,959	418	.....	5	4,189,151	4,669,540
	1890	20	675,055	444	249,954	439	4	1	3,470,351	4,213,528
Delaware	1880	2	160,000	26	11,200	26	.....	.....	179,368	198,000
	a1890	3	142,500	42	24,600	42	.....	.....	235,450	302,460
District of Columbia	b1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	24	118,230	109	57,083	107	.....	2	664,753	858,439
Georgia	1880	9	25,700	41	9,473	35	.....	6	269,077	309,093
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	1880	143	12,019,980	10,948	4,077,617	10,217	.....	731	84,649,718	97,891,517
	1890	94	40,850,052	18,972	11,617,530	18,028	536	408	181,086,780	212,539,072
Indiana	1880	25	3,974,000	1,815	494,622	1,790	.....	25	13,645,927	15,209,204
	a1890	21	5,346,255	2,249	1,157,663	2,094	121	34	24,425,470	27,913,840
Iowa	1880	38	1,955,500	1,532	530,188	1,488	.....	44	9,996,845	11,285,032
	a1890	29	4,485,020	2,728	1,311,957	2,666	12	50	20,655,223	23,425,576
Kansas	1880	14	1,669,400	1,070	263,600	1,017	.....	53	4,320,802	5,618,714
	1890	18	11,086,058	5,223	2,899,665	4,897	223	103	36,120,014	44,696,077
Kentucky	1880	31	2,229,500	397	150,576	389	.....	8	3,644,059	4,538,888
	1890	26	1,447,945	469	180,384	468	.....	1	2,604,664	3,374,011
Louisiana	1880	1	500,000	18	13,830	18	.....	.....	1,375,000	1,500,000
	1890	13	31,243	62	21,504	54	8	.....	88,961	150,421
Maine	1880	6	194,500	83	34,300	83	.....	.....	1,008,605	1,093,687
	1890	9	80,575	42	26,718	42	.....	.....	360,732	432,263
Maryland	1880	9	865,000	228	100,000	228	.....	.....	3,163,802	3,377,605
	a1890	17	993,081	444	238,292	436	4	4	3,969,563	4,670,690
Massachusetts	1880	77	2,904,440	1,263	653,149	1,258	.....	5	20,657,330	22,951,782
	1890	57	7,314,062	2,047	1,051,501	2,032	14	1	16,663,483	20,667,715
Michigan	1880	12	573,000	172	89,527	162	.....	10	1,712,479	2,065,634
	a1890	30	1,026,223	416	244,298	410	5	1	3,446,164	3,998,978
Minnesota	1880	12	230,000	96	41,700	92	.....	4	716,153	887,532
	1890	21	745,166	274	168,946	263	6	5	2,086,752	2,544,663
Missouri	1880	65	2,327,500	1,846	657,918	1,743	.....	103	12,352,907	14,628,630
	1890	83	5,030,463	1,486	896,042	1,403	80	3	15,190,663	18,410,851
Nebraska	1880	12	330,700	191	64,717	189	.....	2	1,097,839	1,359,397
	a1890	6	4,305,700	1,981	1,127,382	1,910	18	53	21,717,327	24,026,876
New Hampshire	b1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	a1890	3	5,050	6	3,396	6	.....	.....	27,851	34,480
New Jersey	1880	31	1,775,200	582	374,278	572	.....	10	19,349,435	20,719,640
	1890	67	1,989,086	840	673,784	837	3	.....	16,370,632	18,061,968
New York	1880	128	4,543,625	1,710	1,020,790	1,688	.....	22	40,149,850	43,096,138
	1890	243	12,831,224	4,511	3,289,519	4,464	43	4	67,915,884	77,254,533
Ohio	1880	93	5,487,682	2,024	633,044	1,950	.....	74	17,173,446	19,231,297
	1890	159	3,669,652	1,710	1,022,055	1,691	13	6	14,462,783	17,205,106
Oregon	1880	9	56,800	37	17,120	37	.....	.....	205,517	264,712
	a1890	5	439,600	100	108,400	99	.....	1	1,222,330	1,570,935
Pennsylvania	1880	35	2,938,625	552	242,077	531	.....	21	8,854,778	9,908,545
	1890	253	6,258,064	2,031	1,198,088	2,002	26	3	18,647,997	22,124,046
Rhode Island	1880	9	598,000	185	97,362	178	.....	7	3,449,816	3,876,740
	1890	15	765,550	321	205,685	316	2	3	4,252,111	4,700,470
Tennessee	1880	6	105,000	227	47,600	227	.....	.....	1,019,692	1,376,476
	a1890	3	54,500	34	17,820	34	.....	.....	124,090	150,742
Texas	1880	3	202,200	132	49,800	132	.....	.....	280,220	486,400
	1890	4	13,600	16	10,377	15	1	.....	23,775	42,000
Utah	b1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	4	302,134	74	60,754	73	.....	1	457,064	545,200
Virginia	1880	4	89,000	53	13,750	53	.....	.....	967,900	1,054,500
	a1890	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	b1880	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1890	5	289,750	78	67,198	78	.....	.....	1,109,065	1,280,395
West Virginia	1880	6	100,161	30	13,050	30	.....	.....	273,840	307,500
	a1890	5	9,865	11	4,740	11	.....	.....	14,873	24,624
Wisconsin	1880	13	959,000	1,032	203,805	1,003	.....	29	5,838,483	6,533,926
	1890	28	2,809,873	1,006	501,533	988	3	15	9,416,402	10,657,911
All other states (c)	1890	28	2,306,691	602	333,390	590	8	4	6,088,931	6,759,473

a See "All other states".
b None reported in 1880.
c Includes establishments distributed as follows: "Sausage"—Georgia, 1; Indiana, 1; Iowa, 1; Maryland, 2; Michigan, 1; Nebraska, 1; South Carolina, 2; Tennessee, 1. "Slaughtering and meat packing, wholesale"—New Hampshire, 1; South Dakota, 2; Virginia, 1; West Virginia, 2. "Slaughtering, wholesale, not including meat packing"—Colorado, 1; Delaware, 2; Florida, 2; Georgia, 1; Nebraska, 1; New Hampshire, 1; North Carolina, 1; Oregon, 2; Vermont, 1.

TABLE 8.

DETAILED STATEMENT FOR SELECTED INDUSTRIES, BY STATES AND TERRITORIES: 1890.

TABLE 8.—DETAILED STATEMENT FOR SELECTED AGRICULTURAL IMPLEMENTS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.								
			Aggregate.	Value of plant.				Live assets.			
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Total.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	The United States....	910	$145,313,997	$31,811,412	$6,246,748	$13,671,576	$11,893,088	$113,502,585	$10,883,740	$18,031,108	$84,587,737
2	Alabama	3	14,475	8,250	1,800	2,100	4,350	6,225	550	2,325	3,350
3	California	35	2,072,297	841,365	172,669	300,363	368,333	1,230,932	309,705	353,717	567,510
4	Connecticut	9	790,621	370,378	76,850	191,350	102,178	420,243	105,658	212,329	102,256
5	Georgia	11	498,630	258,160	58,280	82,930	116,950	240,470	38,035	78,339	124,096
6	Illinois	100	48,639,383	8,136,535	1,879,848	3,408,373	2,848,314	40,502,848	3,511,138	6,133,078	30,858,632
7	Indiana	54	6,842,456	1,474,179	263,566	599,805	610,808	5,368,277	644,594	979,283	3,744,400
8	Iowa	34	2,181,101	397,026	99,955	108,050	189,021	1,784,075	234,421	405,442	1,144,212
9	Kansas	7	91,400	37,100	7,800	10,500	18,800	54,300	9,450	20,600	24,250
10	Kentucky	5	1,444,685	491,475	147,050	169,250	175,175	953,210	196,617	336,181	420,412
11	Maine	17	439,267	201,399	38,305	77,365	85,729	237,868	32,656	90,600	114,612
12	Maryland	11	322,940	127,350	31,325	38,375	57,650	195,590	17,150	63,600	114,840
13	Massachusetts	17	1,817,750	568,350	77,050	349,725	141,575	1,249,400	306,828	237,560	705,012
14	Michigan	65	6,944,005	1,460,639	234,603	604,521	621,515	5,483,366	602,287	903,983	3,977,096
15	Minnesota	23	5,136,542	1,065,002	347,560	307,152	410,290	4,071,540	163,733	329,180	3,578,627
16	Mississippi	3	33,980	16,600	5,100	4,000	7,500	17,380	1,720	3,400	12,260
17	Missouri	21	977,828	352,835	97,615	68,325	186,895	624,993	128,880	138,452	357,661
18	Nebraska	6	55,625	25,700	4,000	9,500	12,200	29,925	2,250	4,250	23,425
19	New Hampshire	12	145,790	70,650	7,850	23,900	38,900	75,140	8,350	23,700	43,090
20	New Jersey	20	270,512	121,537	29,800	43,430	48,307	148,975	40,560	47,937	60,478
21	New York	116	19,924,731	3,227,462	569,225	1,395,486	1,262,751	16,697,269	1,186,207	2,775,704	12,735,358
22	North Carolina	14	132,297	60,330	8,725	25,280	26,325	71,967	9,352	12,765	49,850
23	Ohio	106	29,399,930	7,161,247	1,012,479	3,887,793	2,260,975	22,238,683	1,616,450	2,694,599	17,927,634
24	Oregon	3	8,027	3,710	280	1,630	1,800	4,317	1,050	1,235	2,032
25	Pennsylvania	94	4,457,464	1,981,553	438,355	779,682	763,516	2,475,911	292,426	605,704	1,577,781
26	South Carolina	4	38,210	25,000	4,350	11,250	9,400	13,210	5,010	4,700	3,500
27	South Dakota	3	13,050	6,500	1,175	2,825	2,500	6,550	1,500	50	5,000
28	Tennessee	12	383,189	192,775	61,350	84,400	47,025	190,414	44,310	44,360	101,744
29	Texas	11	207,987	105,416	22,405	43,175	39,836	102,571	18,147	31,721	52,703
30	Vermont	19	645,686	199,600	42,300	68,300	89,000	446,086	99,935	133,958	212,193
31	Virginia	19	683,454	226,529	43,700	65,500	117,329	457,925	54,635	112,469	290,821
32	Wisconsin	51	10,611,185	2,569,460	450,828	899,891	1,218,741	8,041,725	1,179,736	1,238,587	5,623,402
33	All other states (a)	5	88,500	27,300	10,550	7,350	9,400	61,200	20,400	11,300	29,500

a Includes establishments distributed as follows: Rhode Island, 1; Washington, 2; West Virginia, 2.

INDUSTRIES, BY STATES AND TERRITORIES: 1890.

AGRICULTURAL IMPLEMENTS.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS.					
								Aggregates.		Officers or firm members actively engaged in the industry or in supervision.			
										Males above 16 years.			
Total.	Rent paid for tenancy.	Taxes.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
$11,129,548	$165,617	$419,665	$324,718	$428,771	$103,498	$1,256,629	$8,430,650	42,544	$21,811,761	1,237	$27.63	$1,535,513	1
362	75	62	.....	50	.....	.....	175	14	7,748	2	14.42	1,500	2
97,958	7,555	8,071	11,682	11,363	.....	19,726	39,561	689	555,016	44	26.46	55,948	3
10,555	1,100	3,583	1,931	1,952	.....	188	1,801	356	170,321	9	31.83	12,550	4
33,021	840	1,653	4,795	5,613	.....	12,400	7,720	467	174,811	15	28.83	14,553	5
3,592,439	14,734	95,747	70,160	119,031	41,382	263,430	2,987,955	10,417	5,457,716	200	27.27	250,618	6
629,381	5,982	34,412	22,159	25,591	.....	43,696	497,541	3,394	1,765,637	85	27.94	103,867	7
162,182	6,243	9,194	9,557	10,789	500	22,531	103,368	893	419,249	45	20.95	43,402	8
5,331	260	518	508	800	.....	645	2,600	71	31,748	12	15.33	7,973	9
110,449	3,000	6,658	6,181	9,600	.....	19,200	65,810	760	357,182	14	38.92	24,497	10
20,669	1,005	2,362	1,660	1,759	.....	4,885	8,998	217	118,048	21	14.88	13,801	11
58,146	1,925	1,068	1,330	1,649	.....	8,066	44,108	177	78,271	9	13.93	6,338	12
81,876	13,677	13,754	5,589	2,825	.....	2,243	43,788	787	448,927	19	40.72	32,030	13
547,244	4,645	18,246	17,356	16,189	30,738	74,708	385,362	1,847	992,708	83	23.34	88,666	14
410,379	2,710	15,538	11,897	7,752	.....	53,166	319,316	602	363,080	35	36.03	55,854	15
706	.....	486	30	50	.....	40	100	26	9,950	4	17.55	2,110	16
88,564	9,035	4,798	7,819	14,999	.....	6,458	45,455	713	415,849	35	29.45	45,241	17
2,004	36	360	365	47	.....	486	710	30	7,339	2	12.00	312	18
5,250	1,240	631	888	1,310	.....	275	906	108	44,978	11	14.31	7,129	19
15,291	485	1,247	1,159	1,215	.....	1,589	9,596	142	66,335	15	14.47	9,998	20
2,263,680	43,795	54,690	39,159	57,123	10,078	256,513	1,802,322	6,038	3,179,511	139	31.70	196,931	21
3,768	.....	471	465	600	.....	812	1,420	97	35,335	10	16.65	6,674	22
2,008,481	14,175	94,324	57,243	74,487	20,800	343,882	1,403,570	8,326	4,052,712	190	36.69	306,305	23
403	.....	28	24	206	.....	30	115	4	2,830	2	16.36	1,560	24
262,430	4,714	10,637	15,970	22,041	.....	29,328	179,740	1,895	898,490	84	14.84	58,237	25
385	.....	165	175	35	.....	.....	10	39	11,226	2	15.38	1,600	26
532	10	100	98	75	.....	49	200	12	3,551	3	9.00	351	27
20,740	2,182	1,999	2,197	5,526	.....	700	8,136	258	121,866	15	21.27	13,872	28
13,159	.....	2,291	2,978	3,450	.....	2,840	1,600	260	90,838	5	19.74	4,020	29
28,041	3,800	1,828	2,812	5,528	.....	6,977	7,096	352	180,186	17	22.91	19,061	30
35,183	11,655	5,541	3,372	5,325	.....	2,740	6,550	489	243,023	24	28.89	31,358	31
617,242	10,739	28,858	24,657	20,791	.....	77,276	454,921	3,031	1,489,673	83	29.79	116,633	32
3,697	.....	345	502	1,000	.....	1,750	100	33	17,607	3	20.08	2,524	33

TABLE 8.—DETAILED STATEMENT FOR SELECTED AGRICULTURAL IMPLEMENTS—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.											
		Officers or firm members actively engaged in the industry or in supervision—Continued.			Clerks.						Operatives and skilled.		
		Females above 15 years.			Males above 16 years.			Females above 15 years.			Males above 16 years.		
		Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
1	The United States	8	$16.31	$5,600	2,292	$19.49	$2,079,604	180	$10.11	$83,950	20,997	$10.95	$10,495,274
2	Alabama										9	12.02	5,312
3	California	1	6.92	360	22	24.79	28,360	3	9.00	1,404	538	15.51	426,539
4	Connecticut				34	8.68	15,000				245	8.87	111,874
5	Georgia				17	23.54	19,890				261	8.76	95,224
6	Illinois				660	18.78	571,575	55	10.39	26,952	5,024	11.68	2,706,339
7	Indiana				222	19.79	217,008	9	8.09	3,346	1,312	10.21	634,508
8	Iowa	2	10.26	400	55	22.07	57,394	4	9.77	1,800	625	8.51	249,385
9	Kansas				7	11.54	4,000				29	11.16	14,025
10	Kentucky				47	20.76	35,847				226	13.22	116,184
11	Maine				8	17.06	6,210	1	4.62	200	109	10.81	52,687
12	Maryland				4	13.46	2,800				109	8.81	49,015
13	Massachusetts				33	20.82	34,233				315	10.90	166,354
14	Michigan				166	18.09	139,021	13	9.12	5,681	892	11.78	479,593
15	Minnesota				43	27.42	48,802	7	15.49	4,112	375	12.31	206,729
16	Mississippi				1	20.77	900				19	9.04	6,500
17	Missouri				22	20.62	21,800	7	9.74	3,440	473	11.26	263,647
18	Nebraska				1	9.72	400				17	11.78	5,562
19	New Hampshire				1	17.00	700				83	8.82	32,259
20	New Jersey				2	19.23	2,000				101	9.80	47,400
21	New York				266	19.76	250,581	13	8.35	5,461	1,909	11.63	1,047,339
22	North Carolina				1	6.92	180				75	7.28	25,969
23	Ohio	2	8.52	840	382	20.62	352,642	51	10.93	24,450	4,901	10.55	2,168,838
24	Oregon										2	13.32	1,270
25	Pennsylvania				72	16.47	58,939	1	5.77	300	1,254	9.10	566,143
26	South Carolina										37	5.23	9,626
27	South Dakota										9	8.21	3,200
28	Tennessee				7	15.62	5,684	1	7.69	400	108	11.48	63,230
29	Texas				4	12.00	1,560				156	11.20	60,438
30	Vermont				22	17.05	18,765	2	7.61	758	180	10.53	92,121
31	Virginia	1	40.14	2,000	23	13.49	15,612				312	10.26	151,353
32	Wisconsin	2	19.23	2,000	168	21.73	167,701	13	9.78	5,646	1,273	10.62	626,318
33	All other states				2	20.98	2,000				19	12.24	10,293

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

AGRICULTURAL IMPLEMENTS—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled—Continued.						Unskilled.							
Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
44	$4.90	$9,068	88	$3.05	$12,375	9,438	$7.97	$3,412,248	40	$5.04	$9,574	116	$3.61	$18,866	1
						3	6.00	936							2
						60	9.81	30,171							3
						30	7.72	14,221							4
			1	2.31	60	139	5.10	28,234				10	1.38	600	5
4	11.13	2,315	14	2.87	2,025	2,382	8.89	974,217	20	5.42	4,701	31	3.34	4,020	6
10	3.20	1,275	60	3.21	8,900	730	8.20	293,262	18	4.75	4,443	13	3.95	2,669	7
						157	8.41	63,668							8
						7	6.38	2,100							9
						274	7.41	77,854							10
1	8.00	416				15	6.21	4,280							11
			1	1.38	72	37	6.28	12,090							12
			2	2.00	182	133	7.91	53,545							13
2	7.47	745				422	7.51	152,085							14
						132	7.69	43,242							15
						2	5.72	440							16
			2	2.91	126	124	8.98	55,270				24	5.57	6,375	17
						6	6.92	540				1	1.44	75	18
															19
						20	5.92	6,157				3	1.83	280	20
3	2.83	356				1,828	7.47	591,841				4	2.98	620	21
			1	2.92	152	6	5.00	1,560							22
8	5.11	1,900	1	5.58	290	1,512	7.98	533,917				6	3.26	678	23
															24
			1	1.44	75	300	6.93	106,422	2	4.51	430				25
															26
															27
						75	6.17	23,480				6	2.31	720	28
						93	8.10	23,860							29
						74	7.39	27,318				4	4.23	880	30
						77	5.15	20,136							31
16	3.47	2,061	5	2.37	493	787	7.67	269,212				14	3.09	1,949	32
						7	8.42	2,190							33

TABLE 8.—DETAILED STATEMENT FOR SELECTED AGRICULTURAL IMPLEMENTS—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.						AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR.		WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK. (a)					
		Pieceworkers.								Males above 16 years.					
		Males above 16 years.		Females above 15 years.		Children.		May to November.	November to May.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.
		Number.	Total wages.	Number.	Total wages.	Number.	Total wages.								
1	The United States	7,892	$4,091,128	204	$56,911	8	$1,650	9.99	9.49	33,964	1,271	905	1,951	3,906	4,073
2	Alabama							10.00	10.00	14			4	2	
3	California	21	12,234					9.89	9.67	664	6	9	9	19	9
4	Connecticut	32	16,676					9.78	9.22	324	1			41	152
5	Georgia	24	16,250					8.55	10.18	432	98	9	74	15	26
6	Illinois	1,827	858,954	200	56,000			9.96	9.66	8,266	132	147	191	569	758
7	Indiana	935	496,359					9.82	9.41	2,349	118	45	111	338	306
8	Iowa	4	3,100	1	100			10.00	9.65	882	180	18	43	94	106
9	Kansas	12	2,850			4	800	10.00	9.71	55	6		5	1	3
10	Kentucky	199	102,800					10.00	9.60	561	21	50	19	179	37
11	Maine	62	40,454					10.00	9.35	153	2	7	12	8	19
12	Maryland	17	7,956					10.82	10.36	159	15		21	4	44
13	Massachusetts	285	162,583					9.75	9.65	500	5	6	17	62	119
14	Michigan	269	126,917					10.00	9.36	1,563	46	38	189	173	117
15	Minnesota	10	4,341					9.95	9.39	585	20	3	15	16	14
16	Mississippi							10.00	8.83	26	4		5	2	3
17	Missouri	26	19,950					10.00	9.38	654	9	6	18	26	19
18	Nebraska	3	450					9.67	9.25	26			6	1	
19	New Hampshire	13	4,890					9.75	9.05	95		2	9	26	8
20	New Jersey	1	500					9.95	9.55	138	8	6	9	24	3
21	New York	1,876	1,086,382					9.90	9.33	4,142	102	100	297	574	890
22	North Carolina	4	800					10.64	9.42	92	9	6	13	36	11
23	Ohio	1,269	662,002			4	850	9.96	9.39	6,985	124	265	359	1,058	845
24	Oregon							10.00	9.33	4					
25	Pennsylvania	181	107,944					10.34	9.48	1,710	186	65	238	176	169
26	South Carolina							10.50	9.75	39	13	6	9	4	
27	South Dakota							9.67	7.50	12			1		6
28	Tennessee	46	14,480					10.18	9.83	205	4	35	43	31	11
29	Texas	2	960					10.09	9.55	258	5	3	1	11	84
30	Vermont	50	20,472	3	811			9.89	9.50	293	7	4	26	25	32
31	Virginia	52	22,504					10.17	9.29	436	50	14	55	39	13
32	Wisconsin	670	297,660					9.97	9.60	2,311	99	61	149	349	269
33	All other states	2	600					10.60	9.10	31	1		3	3	

a In comparing the weekly rates of wages and the number of employés at each rate with the average weekly earnings, it must be remembered that it is not practicable to obtain true average weekly earnings from the table of weekly rates, because the term of employment varies for the employée at the respective rates.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

AGRICULTURAL IMPLEMENTS—Continued.

WEEKLY RATES OF WAGES PAID AND AVRRAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Males above 16 yeare—Continued.						Females above 15 years.										Children.			
$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	
5,144	5,640	5,396	3,214	1,294	1,170	272	52	33	23	23	13	30	40	38	19	1	204	170	34	1
		4	4																	2
25	40	155	252	92	48	4			1		1	1	1							3
95	13	2	13	3	4															4
39	58	68	33	9	3												11	11		5
1,680	1,453	1,664	1,025	297	350	79	1	22	7	5		12	4	25	3		45	45		6
367	314	312	235	97	106	37	21	2	5	6	1		2				73	65	8	7
93	127	114	45	20	42	6		1				2	2	1						8
4	2	21	11	2																9
26	51	75	49	44	10															10
20	19	45	13	7	1	2	1				1									11
39	21	11	3		1												1	1		12
66	72	67	52	21	13												2	2		13
196	253	260	155	111	25	15	1		3		3	1	7							14
71	85	243	44	22	52	7					1			1	5					15
	3	3	4	1	1															16
62	332	119	26	22	15	7				1		5			1		26	2	24	17
5	8	5	1														1	1		18
11	17	15	5	2																19
24	26	21	14	3													3	3		20
531	580	549	282	110	127	16	3	4	1	2	1		5				4	4		21
6	4	1	3	1	2												1	1		22
1,092	1,384	831	550	263	214	61	8	3	1	5	4	6	18	10	6		7	6	1	23
		3		1																24
269	219	237	96	34	21	3	2	1									1	1		25
	5		2																	26
3	2																			27
12	14	12	23	18	2	1				1							6	6		28
	117	14	16	4	3															29
40	75	43	24	6	11	2				2							4	3	1	30
37	62	83	64	8	11	1										1				31
328	279	415	165	90	107	31	15		5	1	1	3	1	1	4		19	19		32
3	5	4	5	6	1															33

TABLE 8.—DETAILED STATEMENT FOR SELECTED AGRICULTURAL IMPLEMENTS—Continued.

	STATES AND TERRITORIES.	MATERIALS USED.										
		Aggregate cost.	Lumber.		Iron.		Steel.		Fuel.			
			Feet (B. M.).	Cost.	Tons.	Cost.	Tons.	Cost.	Total cost.	Coal. (Cost.)	Wood. (Cost.)	All other. (Cost.)
1	The United States....	$31,603,265	199,599,771	$5,392,361	315,355	$10,029,938	116,350	$7,689,858	$967,161	$912,174	$13,141	$41,846
2	Alabama	5,368	10,000	350	62	2,475	23	1,777	266	266	.....	.....
3	California	575,776	2,855,948	144,632	2,950	182,032	850	72,506	27,453	25,935	490	1,028
4	Connecticut	194,779	1,420,000	47,095	1,300	75,414	497	47,329	12,993	11,609	20	1,364
5	Georgia	425,985	1,727,000	45,385	3,439	56,348	5,134	230,675	9,602	9,422	180	.....
6	Illinois	10,102,508	66,828,491	1,929,172	79,766	2,794,145	36,875	2,636,699	245,384	242,589	30	2,765
7	Indiana	2,306,390	11,884,633	324,426	32,058	891,155	4,219	313,350	59,038	46,899	.....	12,139
8	Iowa	586,713	2,329,500	71,169	4,766	183,239	2,748	217,646	20,148	18,988	45	1,115
9	Kansas	47,605	278,250	7,525	503	24,220	69	5,355	1,989	1,989	.....	.....
10	Kentucky	540,965	4,880,000	109,200	3,182	107,290	2,510	161,210	17,765	17,765	.....	.....
11	Maine	108,479	454,000	10,501	1,937	42,178	526	34,081	11,346	11,079	267	.....
12	Maryland	48,998	279,350	7,950	659	22,893	91	6,020	5,384	5,384	.....	.....
13	Massachusetts	664,235	6,307,773	159,719	4,063	143,892	3,204	227,425	25,385	25,302	83	.....
14	Michigan	1,647,579	14,378,927	287,126	17,581	572,383	5,511	350,632	50,268	37,337	3,339	9,592
15	Minnesota	418,619	3,267,328	65,167	5,328	171,628	782	50,706	19,647	17,442	2,105	100
16	Mississippi	9,640	55,000	1,160	127	4,175	39	2,900	760	110	650	.....
17	Missouri	522,130	3,515,000	97,866	6,093	195,132	1,180	62,885	11,525	11,000	525	.....
18	Nebraska	6,610	44,000	1,380	58	2,615	19	1,470	665	665	.....	.....
19	New Hampshire	40,939	227,000	5,761	644	26,030	44	3,410	2,925	2,645	30	250
20	New Jersey	83,416	421,000	12,375	464	22,210	396	19,594	3,641	3,641	.....	.....
21	New York	3,743,157	20,426,790	601,279	45,926	1,476,917	14,365	903,053	132,956	130,241	1,715	1,000
22	North Carolina	42,371	459,300	7,073	596	20,554	51	4,240	4,649	4,204	445	.....
23	Ohio	5,654,360	32,435,483	785,090	60,408	1,661,335	26,089	1,613,316	154,831	151,326	300	3,205
24	Oregon	2,167	7,000	150	28	1,090	5	350	465	465	.....	.....
25	Pennsylvania	1,043,263	5,693,960	170,095	12,938	369,376	4,268	241,005	59,910	56,410	190	3,310
26	South Carolina	19,567	232,000	3,515	148	6,525	9	610	745	725	.....	29
27	South Dakota	3,045	20,000	570	25	1,450	7	630	295	295	.....	.....
28	Tennessee	118,625	483,000	12,100	2,096	62,593	296	17,785	6,201	6,201	.....	.....
29	Texas	116,844	720,000	21,642	1,779	72,488	213	15,840	3,502	2,762	740	.....
30	Vermont	273,204	4,141,000	95,151	1,612	72,790	348	27,450	7,359	5,872	287	1,200
31	Virginia	295,776	2,123,000	48,778	8,993	162,678	574	30,525	11,570	11,555	15	.....
32	Wisconsin	1,928,182	11,409,038	310,579	15,738	599,153	5,381	386,854	57,194	50,751	1,685	4,758
33	All other states	25,970	286,000	8,380	88	3,535	27	2,530	1,300	1,300	.....	.....

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

AGRICULTURAL IMPLEMENTS—Continued.

MATERIALS USED—continued.		PRODUCTS.									
			Seeders and planters.								
Rent of power and heat. (Cost.)	Cost of all other materials.	Aggregate value.	Value.	Corn planters, band. (Number.)	Corn planters, horse. (Number.)	Cotton planters. (Number.)	Grain drills. (Number.)	Grain sowers. (Number.)	Listers. (Number.)	Seed sowers. (Number.)	
$25,372	$7,498,575	$31,271,651	$4,914,127	77,501	54,639	56,740	44,830	16,728	18,603	57,716	1
.....	500	16,218	30	.....	.....	.....	.....	.....	10	.....	2
1,320	147,833	1,617,484	20,000	.....	400	.....	.....	.....	.....	1,000	3
1,015	10,933	459,335	.....	.....	.....	.....	.....	.....	.....	.....	4
450	83,525	793,825	61,650	.....	.....	14,700	.....	.....	.....	.....	5
7,744	2,489,364	24,609,660	1,620,905	13,203	34,002	11,587	4,249	4,841	11,983	11,501	6
263	718,158	5,756,131	488,636	.....	1,500	.....	13,629	2,068	.....	28,200	7
750	93,761	1,570,872	123,500	.....	40	2,000	.....	.....	4,300	.....	8
.....	8,516	101,084	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	145,500	1,265,799	65,424	.....	18	12,100	352	.....	.....	.....	10
600	9,773	310,822	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	6,751	216,457	10,042	12	25	.....	152	.....	.....	.....	12
1,000	106,814	1,470,085	10,880	.....	100	.....	.....	.....	.....	1,875	13
150	387,020	3,955,306	231,605	12,000	3,141	480	1,300	.....	.....	1,060	14
7,512	103,959	1,622,951	21,140	.....	.....	.....	.....	.....	.....	508	15
.....	645	26,474	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	154,722	1,309,669	39,000	.....	.....	.....	102	.....	1,400	1,650	17
.....	480	18,292	3,750	.....	150	.....	.....	.....	.....	.....	18
43	2,770	109,614	14,400	.....	800	.....	.....	.....	.....	.....	19
.....	25,596	200,282	3,419	.....	.....	.....	.....	.....	.....	702	20
2,510	626,442	11,680,842	368,557	2,619	80	.....	5,495	200	.....	1,297	21
100	5,755	105,875	17,300	.....	15	3,110	.....	.....	.....	.....	22
955	1,438,833	14,333,258	1,124,230	24,000	9,437	3,190	10,087	3,224	.....	975	23
.....	112	6,239	.....	.....	.....	.....	.....	.....	.....	.....	24
160	202,717	2,682,718	92,202	17	1,014	3,800	751	.....	.....	3,305	25
.....	8,172	35,485	3,660	.....	.....	780	.....	.....	.....	.....	26
.....	100	9,400	.....	.....	.....	.....	.....	.....	.....	.....	27
.....	19,946	328,856	75	.....	.....	15	.....	.....	.....	.....	28
.....	3,372	307,795	6,610	200	142	428	.....	.....	.....	.....	29
100	70,354	593,648	800	400	.....	.....	.....	.....	.....	.....	30
.....	42,225	691,210	21,025	.....	575	4,550	.....	.....	10	.....	31
700	573,702	5,015,512	565,287	25,050	2,600	.....	2,713	6,395	900	5,643	32
.....	10,225	50,453	.....	.....	.....	.....	.....	.....	.....	.....	33

TABLE 8.—DETAILED STATEMENT FOR SELECTED AGRICULTURAL IMPLEMENTS—Continued.

	STATES AND TERRITORIES.	PRODUCTS—continued.									
		Implements of cultivation.									
		Value.	Cultivators, small. (Number.)	Cultivators, wheel. (Number.)	Harrows, disk. (Number.)	Harrows, other than disk. (Number.)	Hoes. (Dozens.)	Plows, sulky or wheel. (Number.)	Plows, walking. (Number.)	Rollers. (Number.)	Stalk cutters. (Number.)
1	The United States....	$18,443,837	239,008	206,482	53,980	214,985	254,814	67,286	1,182,059	5,168	21,605
2	Alabama	13,019	1,500	.....	.....	15	12	.....	75	6	3,000
3	California	282,936	140	829	264	3,909	.....	1,226	2,695	9	.....
4	Connecticut	351,677	1,120	100	5,200	590	29,225	.....	15,110	200	1,000
5	Georgia	225,600	7,600	.....	.....	.....	.....	.....	108,800	.....	.....
6	Illinois	6,279,245	10,673	127,561	20,709	63,515	3	32,335	204,634	380	12,282
7	Indiana	2,794,136	35,841	4,300	.....	417	29,780	13,159	169,345	31	.....
8	Iowa	790,195	3,404	16,120	130	8,450	24,900	1,616	28,739	.....	1,175
9	Kansas	50,557	200	370	615	612	.....	350	1,508	5	.....
10	Kentucky	806,900	71,100	470	.....	1,900	.....	800	149,500	10	.....
11	Maine	41,914	1,290	100	.....	790	2,000	.....	3,011	.....	.....
12	Maryland	27,200	351	62	.....	69	25	21	4,919	.....	.....
13	Massachusetts	153,849	843	.....	426	532	5,000	121	22,466	200	.....
14	Michigan	1,743,715	43,937	6,047	.....	33,157	17,536	10,211	73,316	1,585	.....
15	Minnesota	88,673	30	67	30	525	.....	.....	7,799	.....	.....
16	Mississippi	18,494	770	.....	.....	386	.....	.....	5,100	.....	.....
17	Missouri	88,180	2,530	1,030	2,100	660	12	.....	6,190	.....	350
18	Nebraska	5,859	.....	105	.....	125	.....	.....	414	.....	.....
19	New Hampshire	8,068	12	.....	.....	.....	350	.....	624	.....	.....
20	New Jersey	70,244	15,013	150	.....	2,608	262	208	1,394	22	2,340
21	New York	811,177	14,476	213	1,890	21,138	70,960	436	31,703	846	600
22	North Carolina	32,670	1,175	.....	.....	1,200	.....	50	14,025	.....	.....
23	Ohio	1,495,420	2,359	31,432	9,945	15,284	31,861	3,990	78,055	793	.....
24	Oregon	2,027	.....	40	.....	10	.....	.....	5	.....	.....
25	Pennsylvania	756,750	15,531	1,186	5,171	37,256	12,808	305	76,652	516	330
26	South Carolina	10,888	200	.....	.....	70	.....	.....	5,030	.....	.....
27	South Dakota	3,400	.....	.....	.....	172	.....	.....	143	.....	.....
28	Tennessee	139,807	2,015	.....	700	600	20,000	.....	18,825	.....	.....
29	Texas	81,575	50	.....	.....	120	.....	.....	24,216	.....	.....
30	Vermont	27,965	30	.....	.....	.....	10,000	.....	800	.....	.....
31	Virginia	300,185	325	.....	.....	1,030	80	.....	102,175	16	500
32	Wisconsin	930,599	6,193	16,153	6,800	19,395	.....	2,453	24,236	520	28
33	All other states	10,913	300	147	.....	450	.....	.....	555	29	.....

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

AGRICULTURAL IMPLEMENTS—Continued.

PRODUCTS—continued.													
Harvesting implements.													
Value.	Grain cradles. (Number.)	Harvesters. (Number.)	Harvesters and binders combined. (Number.)	Hay carriers. (Number.)	Hay, manure, and spading forks, hand. (Dozens.)	Hay forks, horse. (Number.)	Hay loaders. (Number.)	Hay rakes, hand. (Dozens.)	Hay rakes, horse. (Number.)	Hay stackers. (Number.)	Hay tedders. (Number.)	Mowers.	
$29,118,234	84,222	3,429	125,942	24,351	264,742	1,823	3,019	64,825	114,790	1,499	12,176	170,893	1
9													2
495,800		185	140							30			3
46,275								6,500					4
9,000	3,200												5
11,170,745		1,905	60,005	4,400	4		2,665	1	20,773	400	1,550	44,411	6
155,101	27,000				14,500			6,250	3,304			100	7
343,022	6,800	1,337		375	15,800	53	325		4,221	489		525	8
12,152									612				9
1,000													10
141,622					2,000			650	60			1,500	11
3,933		1			1				229			4	12
353,414								11,767	456		1,449	6,824	13
238,615	9,012			50	40,186	16			3,400		1,674	150	14
404,800			2,500							23		2,000	15
													16
31,884	12								978	455		30	17
400										32			18
54,875								2,175				575	19
9,303				200	400	350	20						20
6,385,258	14,600		25,635	1,340	27,395	312		11,872	13,802			39,537	21
													22
7,389,788	6,680		30,133	5,400	53,345		6	10,279	58,526	50	7,116	65,681	23
													24
327,553	12,083	1	29	15	75,483	1		10,781	767		37	106	25
600	200												26
													27
439	135												28
250						4	3						29
203,860					34,628			4,550					30
													31
1,328,136			7,500	12,571	1,000	1,087			7,662		350	9,450	32
10,400	4,500									20			33

TABLE 8.—DETAILED STATEMENT FOR SELECTED AGRICULTURAL IMPLEMENTS—Continued.

	STATES AND TERRITORIES.	PRODUCTS—continued.									
		Harvesting implements—Continued.					Seed separators.				
		Mowers and reapers combined. (Number.)	Potato diggers (Number.)	Reapers. (Number.)	Scythes (Number.)	Scythe snaths. (Number.)	Value.	Clover hullers. (Number.)	Corn shellers, hand. (Number.)	Corn shellers, power. (Number.)	Fanning mills. (Number.)
1	The United States	15,681	4,816	8,834	795,400	511,856	$5,185,813	651	85,438	5,726	21,460
2	Alabama		6								
3	California			20			45,845				240
4	Connecticut		200		102,000		6,000		1,000		
5	Georgia										
6	Illinois	2,000	2,066	575	36	36	935,584		11,148	3,047	100
7	Indiana			100		85,200	457,475	41		23	4,025
8	Iowa		50			45,000	48,000			10	
9	Kansas										
10	Kentucky		182				2,500		200	10	50
11	Maine				173,400		2,940				
12	Maryland						80,548	104	12	20	25
13	Massachusetts		171		40,000		5,007		456	100	103
14	Michigan		88			68,232	481,651			4	3,377
15	Minnesota						455,267				5,248
16	Mississippi										
17	Missouri						95,500		1,260	1,105	
18	Nebraska										
19	New Hampshire				57,600						
20	New Jersey		26				28,802	3	23	36	
21	New York	12,187	1,027	6,764	407,364		403,700	52	130	55	298
22	North Carolina										
23	Ohio	1,390	240	1,350		108,108	927,908	450	15,550	680	1,330
24	Oregon										
25	Pennsylvania	104	431	25	3,000	5,280	321,053	1	5,157	339	115
26	South Carolina										
27	South Dakota						1,000				11
28	Tennessee						74,130		49,420		
29	Texas										
30	Vermont				12,000	200,000	21,100				
31	Virginia						11,900		625	10	90
32	Wisconsin		329				777,503		457	287	6,448
33	All other states						2,400				

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

AGRICULTURAL IMPLEMENTS—Continued.

PRODUCTS—continued.													
Seed separators—Continued.				Miscellaneous.									
Separators. (Number.)	Thrashers, horse power. (Number.)	Thrashers, steam power. (Number.)	Thrashers and separators combined. (Number.)	Total value.	Cane mills. (Number.)	Carts. (Number.)	Check rowers. (Number.)	Cider and wine mills. (Number.)	Cotton presses. (Number.)	Engines and boilers. Number.)	Feed steamers and boilers. (Number.)	Fruit evaporators. (Number.)	
4,577	2,769	2,661	5,937	$14,433,371	4,865	6,229	31,396	6,367	386	1,920	4,122	1,612	1
				760		6							2
18	1	35		285,058		558		2		16			3
				50,700		250		300					4
				76,875									5
6	1,746	200	60	2,740,830		570	25,044	41		18			6
145			726	1,544,062		2,500					75		7
		5	100	193,417			500			27	3,556		8
				33,375		15							9
	12			71,775	720			1,000					10
19	10			109,087									11
10	45	42		29,609		11							12
	6			811,326		325		150					13
10	85	108	800	694,873		1,800	2,500				131		14
3,164			809	402,397									15
				800									16
	20		60	902,270	2,023			1,810	200	66		1,000	17
				450		12							18
				27,360									19
	180		71	26,615				87					20
681	88		775	1,790,127					100	1		12	21
				27,560		36							22
	6	296	1,483	2,240,752		8	3,102	2,607		1,036			23
				120		2							24
152	409	136	900	816,908		6		70	1	255	260	600	25
				11,050		100			20				26
8				500									27
				87,700	2,100								28
				9,250		20							29
6	155		15	304,618									30
	6		25	132,652	22	10		300	65				31
358		1,836	113	1,007,655			250			501	100		32
		3		2,900									33

TABLE 8.—DETAILED STATEMENT FOR SELECTED AGRICULTURAL IMPLEMENTS—Continued.

	STATES AND TERRITORIES.	PRODUCTS—continued.											
		Miscellaneous—Continued.											
		Fruit presses. (Number.)	Gardening implements. (Number.)	Grinding mills. (Number.)	Hay, straw, feed, and ensilage cutters. (Number.)	Hay presses. (Number.)	Horse powers. (Number.)	Lawn mowers. (Number.)	Manure and fertilizer distributers. (Number.)	Portable saw mills. (Number.)	Portable steam engines. (Number.)	Pumps. (Number.)	Road graders. (Number.)
1	The United States....	878	517,312	6,021	29,558	3,246	7,886	89,559	3,237	1,400	2,291	9,961	2,431
2	Alabama												
3	California	15				64	112						2
4	Connecticut	300			1,000			2,000					
5	Georgia								1,000				
6	Illinois	463		450	2,050	411	765			15		5,627	850
7	Indiana				500	507	20	20,000		106	455		1,500
8	Iowa		85,560		20		120			2		323	
9	Kansas					35							
10	Kentucky		624		300					100			
11	Maine						20						
12	Maryland				50				1	10	22	6	
13	Massachusetts	100	232		2,852			13,540	100	25			
14	Michigan		171,614		1,312	10	225			61	400	150	
15	Minnesota				1,000	100	210				216		
16	Mississippi												
17	Missouri			2,000	1,100	1,094	310			398	20		
18	Nebraska												
19	New Hampshire							3,500					
20	New Jersey			20			500		97				
21	New York		6,874	150	50	789	183	15,635	420	76	328	1,175	8
22	North Carolina				300								
23	Ohio		187,924	1,600	7,959		919	7,681	75	60	256	2,500	21
24	Oregon												
25	Pennsylvania		26,084		2,197	31	662	27,203	207	124	260	170	50
26	South Carolina								1,325				
27	South Dakota												
28	Tennessee								10				
29	Texas					4							
30	Vermont		38,400				210		2	16			
31	Virginia				3,525	150						10	
32	Wisconsin			1,901	5,343	51	3,630			407	334		
33	All other states												

a So far as can be specified the values given in this column include the following articles: Animal dipping machines—Ohio, 40. Animal pokes—Ohio, 39,200; New York, 1,992. Artesian well boring tools and castings—Illinois, 375; Maryland, 1; Ohio, 6. Automatic gates—California, 300. Axes—Maine, 77,400. Bean planters, cultivators, and harvesters—New York, 350. Bean pullers—New York, 30. Bean thrashers—New York, 40. Binders—New York, 50. Binder twine—Illinois, 9,229,100 pounds; Maryland, 100 pounds; Pennsylvania, 300 pounds. Boiler feeders—Ohio, 10. Cane cutters—Ohio, 2. Churns, butterworkers, etc.—Illinois, 52,673; Massachusetts, 600; Michigan, 1,060; New York, 300; Ohio, 500; Vermont, 15,977. Corn cleaners—Illinois, 80. Cornfield markers—Connecticut, 125; Pennsylvania, 120. Corn harvesters—Ohio, 700. Corn hooks—Maine, 12,000. Corn huskers—Illinois, 36; Wisconsin, 34. Corn knives—Michigan, 25,248; New York, 144,000. Cotton choppers—Georgia, 500. Cotton gins, condensers, and feeders—Georgia, 300; Missouri, 216. Cotton harvesters—Wisconsin, 2. Cotton scrapes—Georgia, 99,000. Cottonseed hullers and separators—Minnesota, 20. Cottonseed oil mills—Virginia, 5. Ditching machines—Illinois, 75; New York, 25. Ensilage carriers—Ohio, 250. Farm trucks—New York, 10. Feed and ensilage elevators—Wisconsin, 268. Fence machines—Indiana, 1,200; Ohio, 24. Fruit graders—California, 88. Grass hooks—New York, 72,000. Grubbing machines—Iowa, 400. Hand carts—Illinois, 3,753; Iowa, 6; Wisconsin, 760. Harvester trucks—Minnesota, 1,000. Hay

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

AGRICULTURAL IMPLEMENTS—Continued.

PRODUCTS—continued.													
Miscellaneous—Continued.								Attachments for and parts of machines or implements.					
Road scrapers. (Number.)	Shovels, spades, and scoops. (Number.)	Sirup evaporators. (Number.)	Straw stackers. (Number.)	Traction engines. (Number.)	Wagons. (Number.)	Windmills. (Number.)	All other agricultural implements and machinery. (Value.) (a)	Total value.	Handles. (Value.)	Machine. (Value.)	Plow. (Value.)	All other. (Value.)	Value of all other products.	
26,436	1,504,128	2,250	3,685	233	4,263	3,156	$4,069,948	$3,251,091	$63,451	$1,357,143	$738,792	$1,091,705	$5,925,178	1
					18								2,400	2
1,505				15	77	110	64,640	27,300		20,300		7,000	460,545	3
300							4,500						4,683	4
					25		70,025	331,200	1,200		329,400	600	89,500	5
1,072			75	100	1,535	2,194	1,681,607	646,103		428,691	35,000	182,412	1,216,248	6
	256,800		2,248	110	1,060		25,400	104,581	36,250		47,087	21,244	212,140	7
300					5		35,560	21,000			5,000	16,000	51,738	8
							24,000						5,000	9
50		559			20								318,200	10
							107,287						15,259	11
					16		108	34,500			34,500		30,625	12
296	1,174,128				25		2,061						135,609	13
415					170	410	94,876	51,643	7,351		5,975	38,317	513,204	14
							21,757	130,414				130,414	120,260	15
80								4,180			4,180		3,000	16
3,625					117		181,500	2,500			2,500		150,335	17
							300						7,833	18
							6,300	400	400				4,571	19
97					106		3,998	5,756			5,750		56,149	20
352	73,200		29		345		019,249	1,304,980	250	603,152	37,360	664,218	617,043	21
					32		25,000	5,500			5,500		22,845	22
17,825		200	1,056	8	102	12	360,227	370,815	2,500	220,000	148,315		784,345	23
					1								4,092	24
404			127		45	30	47,265	35,155	15,500		19,655		333,097	25
					4			37			37		9,250	26
					9								4,500	27
		1,200			2		7,500						26,705	28
					146			7,800			7,800		202,310	29
		300			4		246,561						35,305	30
					300		62,500	35,483			35,483		189,965	31
15			150		159	350	77,727	124,900		85,000	8,400	31,500	281,432	32
100						50		6,850			6,850		16,990	33

gatherers—Missouri, 1,200. Hay knives—Connecticut, 30,000; Maine, 64,764; New York, 36,000. Hay racks—California, 15; Iowa, 50; Michigan, 862; New Jersey, 10; New York, 6. Insecticide distributers—Missouri, 450; New Jersey, 70. Oat clippers—Wisconsin, 62. Ox yokes—Iowa, 1,100. Peanut planters—Virginia, 400. Peanut thrashers and cleaners—Virginia, 6. Plows, steam—California, 40; Illinois, 1; Pennsylvania, 9. Posthole diggers—Ohio, 42,300. Potato coverers—New York, 12. Potato cutters—Iowa, 1,000. Potato hooks—Michigan, 28,272; New York, 2,600; Ohio, 24,612; Pennsylvania, 2,880; Vermont, 12,000. Potato planters—Illinois, 25; Massachusetts, 10; Michigan, 575. Pumps, horse—California, 124. Pumps, steam—New York, 6. Road carts—Iowa, 53; New York, 116. Root cutters—Michigan, 200; Pennsylvania, 20. Sickles—New York, 18,000. Singletrees—Georgia, 68,000; Indiana, 24,000. Straw elevators—Illinois, 75. Stump machines—Michigan, 6. Tanks—California, 92; Ohio, 6. Thrasher trucks—Pennsylvania, 20. Tobacco shapes—Virginia, 100 sets. Tobacco transplanters—Wisconsin, 500. Water trucks—New Jersey, 307. Wind engines—Illinois, 112; Wisconsin, 50. Wire stretchers—Illinois, 10,000. Wood-sawing machines—New Jersey, 3; New York, 12.

TABLE 8.—DETAILED STATEMENT FOR SELECTED BOOTS AND SHOES, FACTORY PRODUCT.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.							
			Aggregate.	Value of plant.				Live assets.			
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Total.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	The United States	2,082	$95,282,311	$21,527,403	$2,190,160	$5,463,879	$13,873,364	$73,754,908	$14,614,678	$16,432,959	$42,707,271
2	California	56	1,740,175	342,252	9,000	9,000	324,252	1,397,923	164,842	468,641	764,440
3	Connecticut	20	683,100	210,181	8,200	53,000	148,981	472,919	86,195	84,026	302,698
4	Georgia	3	16,461	9,175	175	5,100	3,900	7,286	1,100	5,076	1,110
5	Illinois	56	3,781,476	1,083,966	199,650	248,500	635,816	2,697,510	508,748	799,756	1,389,006
6	Indiana	6	98,065	39,645	2,300	13,500	23,845	58,420	13,341	10,376	34,703
7	Iowa	6	435,066	135,750	13,100	51,650	71,000	299,316	93,836	90,300	113,180
8	Kentucky	11	280,166	95,650	4,000	21,650	70,000	184,516	56,653	32,533	95,330
9	Louisiana	17	293,244	109,625	22,700	25,800	61,125	183,619	57,986	55,193	70,440
10	Maine	53	4,804,946	947,626	68,839	287,483	591,304	3,857,320	695,881	575,963	2,585,476
11	Maryland	28	863,965	308,133	46,200	83,500	178,433	555,832	135,602	125,832	294,398
12	Massachusetts	1,057	44,567,702	8,968,532	796,976	2,515,518	5,656,038	35,599,170	7,712,872	7,150,411	20,735,887
13	Michigan	12	972,534	151,997	1,500	3,500	146,997	820,537	139,750	245,886	434,901
14	Minnesota	8	1,794,711	147,212	2,500	6,200	138,512	1,647,499	253,400	256,650	1,137,449
15	Missouri	29	3,712,915	443,982	16,000	42,000	385,982	3,268,933	314,433	1,024,529	1,929,971
16	New Hampshire	64	3,956,774	1,085,502	50,090	362,875	672,537	2,871,272	839,873	716,494	1,314,905
17	New Jersey	109	2,811,098	887,149	69,825	284,567	532,757	1,923,949	308,413	490,065	1,125,471
18	New York	257	11,950,891	2,939,915	264,475	648,750	2,026,690	9,010,976	1,686,223	1,944,825	5,379,928
19	North Carolina	4	118,000	11,500	----------	----------	11,500	106,500	8,900	20,800	76,800
20	Ohio	63	3,176,318	921,706	156,850	213,100	551,756	2,254,612	416,116	600,591	1,237,905
21	Pennsylvania	158	5,394,799	1,791,304	265,930	395,910	1,129,464	3,603,495	629,605	945,453	2,028,437
22	Rhode Island	3	27,850	6,700	----------	----------	6,700	21,150	10,700	10,300	150
23	Texas	3	62,250	44,400	6,000	5,000	33,400	17,850	1,900	15,200	750
24	Vermont	7	348,827	48,359	3,650	14,500	30,209	300,468	57,006	61,344	182,118
25	Virginia	7	501,661	109,838	12,100	18,500	79,238	391,823	81,032	53,542	257,249
26	Wisconsin	32	2,621,606	623,385	166,350	145,976	311,059	1,998,221	305,739	574,663	1,117,819
27	All other states and territories. (a)	13	267,711	63,919	3,750	8,300	51,869	203,792	32,532	74,510	96,750

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.											
		Officers or firm members, etc.—Continued.			Clerks.						Operatives and skilled.		
		Females above 15 years.			Males above 16 years.			Females above 15 years.			Males above 16 years.		
		Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
1	The United States	51	$12.09	$29,107	2,127	$18.66	$1,928,700	518	$8.66	$222,437	40,699	$11.09	$22,081,112
2	California	1	18.93	800	16	19.77	15,740	1	14.20	600	1,060	9.76	520,226
3	Connecticut	.....	.....	.....	23	20.81	22,721	4	9.19	1,612	433	11.42	236,364
4	Georgia	.....	.....	.....	2	3.85	400	.....	.....	.....	15	4.34	2,630
5	Illinois	.....	.....	.....	56	15.67	44,541	21	7.83	8,316	2,203	11.28	1,259,508
6	Indiana	.....	.....	.....	6	15.28	4,436	1	3.15	150	103	9.55	40,802
7	Iowa	.....	.....	.....	19	17.10	16,750	.....	.....	.....	92	9.47	44,467
8	Kentucky	.....	.....	.....	10	19.97	9,475	.....	.....	.....	111	8.81	45,964
9	Louisiana	.....	.....	.....	19	10.16	9,996	.....	.....	.....	296	9.33	134,045
10	Maine	.....	.....	.....	87	17.91	72,226	27	7.79	10,133	1,777	10.48	916,101
11	Maryland	.....	.....	.....	33	14.72	24,188	7	8.39	3,016	343	8.88	153,316
12	Massachusetts	42	11.60	22,751	729	18.66	669,367	326	8.75	142,204	17,516	12.01	10,375,047
13	Michigan	.....	.....	.....	49	30.48	70,916	4	5.65	1,114	156	10.88	84,354
14	Minnesota	.....	.....	.....	69	18.07	63,200	.....	.....	.....	544	10.04	278,034
15	Missouri	.....	.....	.....	38	20.21	38,912	2	8.46	660	1,185	10.69	622,750
16	New Hampshire	.....	.....	.....	56	15.85	41,522	21	8.62	9,083	2,687	10.43	1,346,380
17	New Jersey	3	13.08	1,956	138	19.02	127,051	12	7.71	4,361	1,300	10.77	642,267
18	New York	2	15.65	1,560	420	19.79	395,111	43	9.97	21,132	4,563	11.13	2,491,602
19	North Carolina	.....	.....	.....	4	14.65	3,000	.....	.....	.....	79	6.21	23,650
20	Ohio	1	9.23	480	123	18.37	109,770	22	8.21	9,050	2,670	9.42	1,199,809
21	Pennsylvania	2	15.00	1,560	155	17.54	131,387	19	7.79	7,336	2,344	9.82	1,095,273
22	Rhode Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	8.10	1,264
23	Texas	.....	.....	.....	1	5.77	300	.....	.....	.....	32	13.97	23,012
24	Vermont	.....	.....	.....	6	18.93	5,600	1	6.92	300	124	10.87	63,187
25	Virginia	.....	.....	.....	7	14.60	5,314	.....	.....	.....	103	10.55	55,934
26	Wisconsin	.....	.....	.....	53	16.58	40,477	7	9.81	3,370	747	9.49	333,246
27	All other states and territories.	.....	.....	.....	8	15.22	6,300	.....	.....	.....	213	8.63	91,790

a Includes establishments distributed as follows: Alabama, 1; Delaware, 1; Kansas, 2; Nebraska, 1; Oregon, 1; South Carolina, 2; Tennessee, 2; Utah, 2; Washington, 1.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BOOTS AND SHOES, FACTORY PRODUCT.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS.					
								Aggregates.		Officers or firm members actively engaged in the industry or in supervision.			
										Males above 16 years.			
Total.	Rent paid for tenancy.	Taxes.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
$9,217,519	$1,175,155	$327,184	$573,180	$582,163	$1,708,426	$1,032,858	$3,818,553	139,333	$66,375,076	2,947	$25.01	$3,527,687	1
141,266	52,581	4,472	11,553	12,125	.....	9,474	51,061	2,472	1,261,919	174	15.30	135,360	2
53,666	8,502	2,065	4,839	2,119	25	16,473	19,643	1,061	529,467	39	26.98	49,428	3
1,034	225	97	17	235	.....	.....	460	26	7,204	2	25.96	2,700	4
388,001	38,423	14,286	18,970	41,042	57,898	8,596	208,786	4,152	2,047,331	83	24.80	97,476	5
3,768	1,090	390	531	974	.....	250	533	186	67,205	6	24.59	5,540	6
16,309	855	1,842	2,974	1,845	.....	.....	8,793	319	135,850	8	22.09	9,000	7
33,640	4,265	1,310	1,715	825	22,000	1,000	2,525	325	138,810	19	19.84	17,040	8
11,653	8,766	315	1,437	525	.....	150	460	825	365,280	20	25.74	26,384	9
397,394	31,359	12,480	23,454	43,902	.....	50,609	235,590	6,597	3,078,466	101	26.85	127,607	10
30,953	9,617	3,134	4,234	3,426	500	3,473	6,569	1,253	521,048	31	22.02	34,440	11
5,568,233	510,228	194,189	306,392	283,809	1,448,388	599,555	2,225,672	69,934	34,949,698	1,463	25.01	1,735,477	12
89,088	19,179	5,507	8,861	6,844	.....	31,831	16,866	1,371	582,132	9	35.18	14,900	13
99,962	26,724	2,310	5,114	1,475	.....	1,729	62,610	1,182	614,022	14	37.04	25,844	14
305,194	76,081	11,005	17,538	17,000	35,400	28,007	120,163	2,813	1,247,292	57	32.37	88,830	15
256,643	38,933	4,631	24,516	28,787	23,511	47,070	89,195	8,069	3,469,908	80	21.49	82,136	16
129,513	20,818	7,654	10,706	12,836	.....	14,795	62,704	5,455	2,488,858	140	22.31	148,838	17
812,099	196,678	23,032	54,495	43,732	1,450	119,691	373,021	16,170	7,560,134	344	30.69	512,690	18
3,473	1,362	656	955	150	.....	350	.....	102	31,920	3	15.04	2,200	19
257,369	43,991	15,790	21,371	32,618	.....	29,455	114,144	5,991	2,573,080	102	30.51	150,387	20
311,684	62,823	9,890	32,999	28,783	16,800	36,164	124,225	7,952	3,398,690	160	21.59	163,825	21
27,631	740	.....	385	325	23,084	3,097	.....	13	5,534	2	13.94	1,450	22
1,190	322	287	500	.....	.....	.....	90	47	30,508	4	22.01	4,196	23
32,450	720	327	2,590	2,458	16,398	11,945	4,012	239	107,390	5	26.41	6,724	24
83,682	2,580	937	2,248	5,100	68,972	2,700	1,145	272	139,888	13	28.90	19,160	25
146,345	13,166	9,285	13,114	9,418	.....	13,166	88,196	2,155	875,785	59	21.57	57,775	26
15,270	5,127	1,293	1,672	1,810	.....	3,278	2,090	352	147,657	9	18.94	8,780	27

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled—Continued.						Unskilled.							
Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
15,271	$6.59	$4,938,332	1,558	$3.10	$232,970	1,788	$7.25	$632,867	670	$4.87	$158,355	300	$2.74	$39,562	1
73	8.09	29,160	15	4.33	3,312	27	10.58	13,706	.....	.....	.....	13	3.33	2,178	2
142	6.79	46,064	2	2.95	275	40	6.67	13,729	25	4.42	5,723	10	3.22	1,676	3
2	3.87	235	1	1.61	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
1,083	6.35	348,981	16	3.28	2,471	27	9.09	12,342	14	5.26	3,830	1	2.89	138	5
40	4.84	9,290	2	1.73	150	12	5.23	1,405	.....	.....	.....	1	1.00	52	6
81	6.22	25,760	.....	.....	.....	23	8.08	9,660	10	4.81	2,500	.....	.....	.....	7
86	4.58	19,214	8	2.91	1,174	3	4.83	565	.....	.....	.....	.....	.....	.....	8
3	2.31	300	50	0.69	1,800	31	7.40	11,922	.....	.....	.....	.....	.....	.....	9
612	7.27	213,484	31	4.04	5,858	114	7.54	39,051	24	7.59	7,930	.....	.....	.....	10
217	4.09	44,700	10	2.23	1,068	3	3.00	468	.....	.....	.....	.....	.....	.....	11
4,876	7.60	1,830,156	587	3.48	97,700	549	8.16	220,000	148	4.86	34,661	36	4.22	7,489	12
75	5.70	20,826	2	2.73	260	195	3.02	30,636	14	8.00	5,824	.....	.....	.....	13
267	6.75	91,788	.....	.....	.....	3	6.73	1,020	.....	.....	.....	1	2.40	125	14
980	5.64	271,579	25	3.62	4,468	48	7.49	18,569	17	3.42	3,020	98	1.07	5,448	15
988	7.37	354,288	61	3.14	9,469	149	7.23	52,244	8	6.00	2,496	.....	.....	.....	16
693	5.75	191,341	84	3.36	13,281	97	7.14	32,158	47	5.30	11,278	40	3.63	6,556	17
1,955	6.03	575,660	255	3.30	38,392	254	7.75	93,953	180	4.38	36,915	84	3.81	13,840	18
8	4.51	1,680	8	3.73	1,390	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
1,472	6.12	441,793	57	2.67	6,913	19	8.31	7,868	11	3.92	2,190	1	2.88	150	20
1,055	5.54	276,728	286	2.47	36,217	152	8.00	60,116	152	4.98	38,539	8	3.15	1,160	21
2	5.00	520	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2.88	150	22
10	5.77	3,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
73	6.42	23,262	10	3.60	1,560	1	11.54	500	.....	.....	.....	.....	.....	.....	24
50	4.96	12,580	7	1.92	700	2	15.38	1,600	.....	.....	.....	.....	.....	.....	25
363	5.07	87,430	34	2.95	4,862	29	6.13	8,155	19	3.82	3,329	.....	.....	.....	26
65	5.67	18,513	7	4.69	1,636	10	6.15	3,200	1	2.31	120	6	1.92	600	27

TABLE 8.—DETAILED STATEMENT FOR SELECTED

BOOTS AND SHOES, FACTORY PRODUCT—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.						AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR.		WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK. (a)				
		Pieceworkers.								Males above 16 years.				
		Males above 16 years.		Females above 15 years.		Children.		May to November.	November to May.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.
		Number.	Total wages.	Number.	Total wages.	Number.	Total wages.							
1	The United States	48,919	$24,191,995	23,008	$8,296,924	577	$95,028	9.92	9.85	47,561	2,954	2,153	3,160	2,748
2	California	756	413,553	316	123,180	20	4,104	9.97	9.97	1,277	109	93	288	157
3	Connecticut	225	111,120	118	40,755	.....	.....	9.95	9.73	535	40	27	18	24
4	Georgia	3	1,100	1	125	.....	.....	11.25	9.75	19	15	.....	.....	1
5	Illinois	448	212,373	185	53,755	15	3,000	9.96	9.85	2,369	69	39	106	62
6	Indiana	9	4,320	6	1,050	.....	.....	9.83	9.40	127	9	11	7	5
7	Iowa	61	22,253	25	5,460	.....	.....	10.00	9.83	142	24	11	13	8
8	Kentucky	64	37,678	22	7,225	2	475	9.91	9.64	143	28	3	1	22
9	Louisiana	400	179,933	6	900	.....	.....	9.94	9.94	366	27	28	19	21
10	Maine	2,156	1,103,577	1,665	582,049	3	450	9.90	9.88	2,079	114	74	146	198
11	Maryland	446	211,381	163	48,471	.....	.....	9.75	9.51	410	53	21	87	21
12	Massachusetts	29,752	14,683,547	13,553	5,070,913	357	60,386	9.92	9.87	20,257	586	487	895	976
13	Michigan	496	263,818	305	88,734	6	750	9.75	9.73	409	180	9	3	20
14	Minnesota	168	113,445	116	40,566	.....	.....	8.75	9.75	630	91	27	32	32
15	Missouri	336	183,770	27	9,786	.....	.....	9.83	9.76	1,328	134	96	64	57
16	New Hampshire	2,582	1,142,202	1,374	421,044	63	9,044	9.98	9.94	2,972	59	99	266	253
17	New Jersey	1,897	949,534	980	354,309	24	5,928	9.77	9.75	1,675	159	76	94	106
18	New York	5,333	2,588,659	2,704	785,995	33	4,834	10.06	9.94	5,581	427	271	294	284
19	North Carolina	.....	.....	.....	.....	.....	.....	10.63	10.25	86	1	53	8	8
20	Ohio	834	449,722	666	193,323	13	1,625	9.76	9.67	2,914	374	378	348	138
21	Pennsylvania	2,346	1,218,857	1,234	364,120	39	3,572	9.89	9.79	2,811	277	274	250	262
22	Rhode Island	4	1,850	1	300	.....	.....	9.50	9.50	5	.....	.....	.....	.....
23	Texas	.....	.....	.....	.....	.....	.....	10.00	10.00	37	.....	1	.....	2
24	Vermont	16	5,807	3	450	.....	.....	10.00	10.00	136	.....	1	3	9
25	Virginia	63	33,600	27	11,000	.....	.....	9.71	9.57	125	.....	30	28	8
26	Wisconsin	497	245,362	345	91,519	2	260	10.00	9.78	888	86	33	177	71
27	All other states and territories.	27	14,534	6	2,184	.....	.....	9.93	9.86	240	102	11	13	3

	STATES AND TERRITORIES.	WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS, ETC.—continued.					MATERIALS USED.							
		Children.						Sole leather.			Cowhide.			
		Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	Aggregate cost.	Number of sides.	Pounds.	Cost.	Number of sides.	Square feet.	Cost.
1	The United States	1,658	1,674	107	71	6	$118,785,831	9,081,727	144,035,401	$28,899,633	2,926,060	48,527,089	$6,215,969
2	California	28	21	7	.....	.....	1,524,272	121,278	2,200,326	479,513	50,410	791,085	101,275
3	Connecticut	12	11	1	.....	.....	750,140	60,136	857,772	205,038	500	6,000	600
4	Georgia	1	1	.....	.....	.....	7,917	772	13,200	2,800	.....	.....	.....
5	Illinois	17	16	1	.....	.....	4,931,986	318,240	5,620,610	1,458,072	100,017	1,861,071	270,732
6	Indiana	3	3	.....	.....	.....	90,157	7,849	132,320	29,024	.....	.....	.....
7	Iowa	.....	.....	.....	.....	.....	285,716	27,830	411,037	82,338	10,230	106,356	21,562
8	Kentucky	8	8	.....	.....	.....	266,210	22,812	350,887	75,612	400	6,700	990
9	Louisiana	50	50	.....	.....	.....	412,497	45,807	748,720	163,078	6,180	116,300	16,112
10	Maine	31	31	.....	.....	.....	5,800,682	470,627	6,779,438	1,290,647	134,451	1,580,301	266,556
11	Maryland	10	10	.....	.....	.....	723,052	48,211	709,335	221,049	382	6,813	1,472
12	Massachusetts	623	476	75	66	6	63,928,182	4,610,573	77,563,985	14,331,868	2,100,174	35,298,137	4,339,007
13	Michigan	2	2	.....	.....	.....	1,209,387	101,562	2,010,776	390,018	26,887	384,024	54,819
14	Minnesota	1	1	.....	.....	.....	1,090,722	99,757	1,637,717	348,200	22,387	349,750	50,090
15	Missouri	123	118	.....	5	.....	2,521,027	323,322	3,514,360	800,872	17,526	238,332	32,968
16	New Hampshire	61	57	4	.....	.....	9,749,322	611,216	8,202,007	1,495,387	178,606	2,991,491	334,145
17	New Jersey	124	120	4	.....	.....	3,417,180	276,279	3,767,205	1,026,504	5,008	76,260	13,156
18	New York	339	324	15	.....	.....	12,383,851	899,260	15,044,632	3,091,732	47,925	807,131	184,309
19	North Carolina	8	8	.....	.....	.....	76,670	10,300	161,500	32,400	4,400	66,500	10,850
20	Ohio	58	58	.....	.....	.....	4,480,286	298,919	4,573,978	1,149,321	1,182	16,800	2,002
21	Pennsylvania	294	294	.....	.....	.....	5,012,096	487,872	5,610,423	1,311,170	103,045	1,911,618	270,491
22	Rhode Island	1	1	.....	.....	.....	110,745	16,804	313,400	47,680	6,000	72,000	7,920
23	Texas	.....	.....	.....	.....	.....	42,900	2,400	36,667	10,900	240	4,000	400
24	Vermont	10	10	.....	.....	.....	346,557	33,050	492,093	119,488	4,252	68,489	9,395
25	Virginia	7	7	.....	.....	.....	874,564	68,520	1,316,332	268,598	.....	.....	.....
26	Wisconsin	34	34	.....	.....	.....	1,466,557	98,228	1,611,914	373,039	90,816	1,462,313	190,290
27	All other states and territories	13	13	.....	.....	.....	282,236	20,109	354,106	84,235	14,580	245,520	36,768

a In comparing the weekly rates of wages and the number of employés at each rate with the average weekly earnings, it must be remembered that it is **not** practicable to obtain true average weekly earnings from the table of weekly rates, because the term of employment varies for the employés at the respective rates.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BOOTS AND SHOES, FACTORY PRODUCT—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Males above 16 years—Continued.							Females above 15 years.										
$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	
3,024	3,916	6,849	10,417	8,516	2,070	1,744	16,510	3,918	3,082	2,648	2,292	1,627	1,190	940	628	156	28	1	1
120	40	78	68	162	100	62	75	21	6	8	5	11	3	3	12	6	.....	.....	2
26	34	33	167	123	18	25	171	31	22	40	28	31	17	2	.....	.....	.....	.....	3
.....	.....	.....	1	1	.....	1	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
142	169	551	984	142	56	49	1,118	111	348	177	399	42	12	11	13	5	.....	.....	5
19	6	35	23	7	2	3	41	23	8	5	2	3	.....	.....	.....	.....	.....	.....	6
11	9	15	15	13	4	19	91	29	9	10	19	8	7	5	3	1	.....	.....	7
19	8	3	16	38	3	7	86	41	36	6	1	1	.....	1	.....	.....	.....	.....	8
52	77	81	24	20	5	12	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
186	225	265	476	237	103	55	663	67	117	132	104	96	60	67	17	3	.....	.....	10
21	32	42	57	34	29	13	224	122	68	10	9	5	6	4	.....	.....	.....	.....	11
1,024	1,666	2,981	5,100	4,792	982	768	5,392	853	513	915	776	578	664	602	375	106	10	.....	12
21	13	22	73	15	4	40	93	10	16	30	27	6	1	3	.....	.....	.....	.....	13
33	40	42	128	170	24	11	267	71	19	69	19	23	16	21	12	1	16	.....	14
54	69	215	281	258	63	37	999	370	205	193	121	63	22	12	7	6	.....	.....	15
280	350	605	695	252	83	30	1,017	111	117	134	236	166	178	42	31	2	.....	.....	16
105	153	259	276	278	81	88	755	281	104	160	92	54	28	21	8	7	.....	.....	17
463	514	789	982	979	285	293	2,180	734	334	388	202	348	81	50	29	12	1	1	18
6	1	1	4	4	.....	.....	8	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
141	124	456	303	490	65	97	1,506	371	587	97	138	102	48	68	95	.....	.....	.....	20
192	226	289	575	280	110	76	1,228	411	392	204	67	72	37	20	21	4	.....	.....	21
3	.....	.....	2	.....	.....	.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
10	1	4	0	9	.....	4	10	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
27	49	5	19	13	4	6	74	7	17	38	5	5	1	1	.....	.....	.....	.....	24
2	9	7	.....	12	18	11	50	5	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
63	95	65	104	147	21	26	389	216	81	25	34	12	8	6	3	3	1	.....	26
4	11	6	38	40	10	2	66	21	25	7	8	1	1	1	2	.....	.....	.....	27

MATERIALS USED—continued.

Split leather.		Calf and kip skins.		Goat skins.		All other upper leather.			
Pounds.	Cost.	Pounds.	Cost.	Feet.	Cost.	Number of sides.	Square feet.	Cost.	
20,876,708	$4,074,106	18,486,417	$9,000,203	142,340,532	$22,181,090	9,071,039	116,552,432	$16,406,191	1
37,124	9,108	443,461	219,827	1,405,309	259,024	51,074	742,746	183,867	2
219,510	44,327	64,798	39,447	1,044,432	204,746	43,739	594,223	86,018	3
.....	.....	700	320	800	160	1,460	17,950	3,525	4
485,552	98,701	989,320	914,083	4,812,087	883,194	285,022	2,816,528	507,704	5
20,000	5,000	51,250	21,375	88,560	15,100	3,422	48,895	6,985	6
73,992	14,052	43,093	26,817	339,130	75,176	4,038	74,345	10,569	7
350	84	9,253	6,280	427,983	101,333	21,054	197,320	34,058	8
96,115	21,498	65,165	63,013	182,604	32,838	21,556	418,763	63,747	9
1,342,089	280,447	1,157,896	622,169	5,917,413	829,653	449,971	4,869,169	679,957	10
9,430	2,045	63,505	47,150	1,456,066	254,591	31,380	409,219	78,776	11
13,725,125	2,522,395	9,998,041	4,390,200	68,458,404	9,857,352	5,022,223	67,498,588	8,899,861	12
132,720	22,518	311,915	124,587	1,472,828	246,048	48,070	925,291	151,780	13
74,500	14,650	206,000	96,750	970,000	161,680	60,746	1,061,012	167,835	14
85,460	9,041	565,913	266,806	3,364,131	835,589	96,122	927,558	135,988	15
1,609,799	480,150	346,970	156,378	4,778,320	603,435	705,314	12,154,646	1,350,815	16
71,537	17,404	384,000	244,912	7,725,201	1,160,651	216,655	1,808,282	276,733	17
1,767,173	325,287	2,473,638	1,019,772	19,830,204	3,549,066	1,010,526	9,404,010	1,580,817	18
2,000	400	8,000	4,900	3,600	720	4,760	71,200	10,300	19
246,336	50,195	342,244	230,296	9,960,809	1,641,748	223,343	2,249,546	487,307	20
246,798	49,965	570,069	314,093	7,944,381	1,127,130	384,800	5,863,601	936,699	21
225,000	36,000	.....	.....	30,100	4,300	.....	.....	.....	22
.....	.....	41,760	20,000	115,000	7,600	150	2,000	400	23
223,391	44,721	45,451	24,012	5,000	1,000	52,700	527,000	103,400	24
.....	.....	25,250	12,300	274,480	31,880	187,500	2,525,000	416,300	25
97,657	21,093	222,996	107,358	1,626,292	279,841	116,206	1,083,990	188,330	26
25,050	5,025	46,789	27,358	107,398	16,635	28,308	261,550	44,420	27

TABLE 8.—DETAILED STATEMENT FOR SELECTED

BOOTS AND SHOES, FACTORY PRODUCT—Continued.

	STATES AND TERRITORIES.	MATERIALS USED—continued.									
		Sheep and leather linings.		Findings.	Cut stock, including heels, taps, cut soles, etc.	Fuel.				Rent of power and heat.	Cost of all other materials.
						Total cost.	Coal.	Wood.	All other.		
		Feet.	Cost.	Cost.	Cost.		Cost.	Cost.	Cost.	Cost.	
1	The United States	70,129,875	$4,100,762	$7,976,513	$11,723,133	$554,267	$520,799	$19,498	$13,970	$262,475	$7,391,489
2	California	1,059,202	60,018	102,423	37,705	11,449	11,449	.....	.....	4,116	55,947
3	Connecticut	291,672	19,868	48,155	56,762	4,841	4,341	.....	.....	700	39,138
4	Georgia	1,400	72	508	.....	200	.....	200	.....	.....	332
5	Illinois	3,003,795	174,773	305,165	101,243	20,581	20,191	30	360	8,520	189,218
6	Indiana	38,680	2,277	6,073	1,786	848	748	.....	100	700	989
7	Iowa	110,106	11,092	19,203	10,100	2,297	2,297	.....	.....	.....	13,510
8	Kentucky	203,256	17,481	16,333	3,739	1,455	1,075	.....	380	540	8,305
9	Louisiana	270,540	17,414	27,125	150	1,620	444	.....	1,176	1,400	3,902
10	Maine	2,227,715	186,509	397,427	712,337	29,413	26,018	3,375	20	7,460	498,107
11	Maryland	314,658	21,975	54,180	17,124	2,991	2,783	8	200	4,014	17,685
12	Massachusetts	37,605,006	2,144,828	4,377,856	7,939,392	251,533	248,901	1,745	887	168,341	4,705,009
13	Michigan	508,446	35,508	74,169	4,056	6,460	6,160	.....	300	2,176	87,648
14	Minnesota	289,291	20,250	107,729	41,559	6,852	6,312	540	.....	.....	75,127
15	Missouri	764,972	53,061	146,976	107,321	40,896	39,953	3	940	8,708	82,801
16	New Hampshire	5,838,553	326,894	566,239	1,044,024	41,554	29,582	11,972	.....	1,050	349,251
17	New Jersey	2,519,725	132,561	199,338	119,588	21,062	20,939	8	115	2,900	202,371
18	New York	7,602,600	395,198	693,521	960,125	47,463	47,173	9	281	31,685	504,876
19	North Carolina	4,800	600	3,150	1,000	825	375	450	.....	.....	11,525
20	Ohio	1,999,411	152,531	350,189	176,420	13,865	11,519	.....	2,346	6,561	219,711
21	Pennsylvania	3,663,535	222,011	296,360	260,438	26,173	25,218	.....	955	9,217	188,349
22	Rhode Island	7,000	420	4,100	.....	975	975	.....	.....	100	9,250
23	Texas	12,000	650	1,660	100	560	.....	550	10	.....	630
24	Vermont	399,900	20,360	12,186	1,000	511	291	220	.....	344	10,140
25	Virginia	335,590	20,162	41,370	55,422	3,692	2,792	.....	900	312	24,618
26	Wisconsin	978,430	59,239	112,369	46,742	15,129	10,069	60	5,000	2,941	70,186
27	All other states and territories.	79,592	5,010	12,709	25,000	1,522	1,194	328	.....	690	22,864

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BOOTS AND SHOES, FACTORY PRODUCT—Continued.

PRODUCTS.								
Total value.	Boots and shoes, for men, youths, and boys.		Boots and shoes, for women, misses, and children.		Slippers.		Value of all other products.	
	Number of pairs.	Value.	Number of pairs.	Value.	Number of pairs.	Value.		
$220,649,358	67,740,489	$97,496,514	106,122,451	$115,655,533	5,546,448	$4,007,789	$3,489,522	1
3,395,043	821,499	1,747,426	786,596	1,583,831	148,296	62,986	800	2
1,535,125	225,974	439,444	512,142	1,011,661	96,300	18,170	65,850	3
18,542	5,940	10,135	5,500	7,100	.....	.....	1,307	4
8,756,824	2,561,532	4,709,486	2,756,189	3,764,058	269,343	255,860	27,420	5
179,936	36,000	70,000	84,782	108,756	780	980	200	6
674,378	175,467	303,167	223,206	270,051	.....	.....	1,160	7
526,387	12,150	30,250	326,309	494,137	.....	.....	2,000	8
968,017	470,774	850,102	89,040	93,325	46,800	21,060	3,530	9
10,335,342	4,291,318	5,522,602	4,516,117	4,435,276	189,822	190,137	187,927	10
1,533,761	186,721	417,462	778,828	1,102,874	8,100	7,900	5,525	11
116,387,900	44,584,084	61,440,260	51,307,004	50,154,566	3,472,008	2,531,930	2,261,144	12
2,065,531	351,363	729,194	958,954	1,284,260	2,500	1,500	50,577	13
2,032,814	686,907	1,115,814	747,167	916,000	.....	.....	1,000	14
4,841,004	1,035,858	1,860,533	1,913,534	2,579,471	.....	.....	401,000	15
11,986,003	5,279,261	4,610,753	9,425,716	7,304,424	1,000	1,000	69,826	16
7,255,409	1,189,240	2,516,178	6,770,092	4,624,544	125,741	111,863	2,824	17
23,661,204	3,315,345	6,606,432	10,427,851	16,141,875	959,596	600,430	312,467	18
155,900	49,000	72,500	65,500	70,500	.....	.....	12,900	19
8,489,728	260,205	553,872	5,160,671	7,856,466	63,498	60,760	18,630	20
10,354,850	1,050,522	2,082,140	5,902,388	8,176,127	81,104	57,023	39,560	21
158,800	142,000	142,000	14,600	16,800	.....	.....	.....	22
109,850	83,514	108,675	.....	.....	.....	.....	1,175	23
529,486	152,664	204,104	455,040	316,492	.....	.....	8,890	24
1,279,069	56,531	87,360	1,303,000	1,190,629	.....	.....	1,080	25
2,972,233	613,188	996,393	1,384,457	1,877,220	81,500	86,190	12,430	26
546,222	103,432	270,832	207,768	275,090	.....	.....	300	27

TABLE 8.—DETAILED STATEMENT FOR SELECTED

CARRIAGES AND WAGONS, FACTORY PRODUCT.

[This table includes only these carriage and wagon factories that made five vehicles or more for the trade. In addition there are included under "Carriages and not shown as a separate industry in 1880,

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.							
			Aggregate.	Value of plant.				Live assets.			
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Total.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	The United States	4,572	$93,455,257	$33,714,770	$11,469,152	$14,841,811	$7,403,807	$59,740,487	$13,536,821	$19,166,806	$27,036,860
2	Alabama	29	364,995	176,400	68,100	53,500	54,800	188,595	61,825	62,100	64,670
3	Arkansas	23	134,365	53,950	16,225	23,650	14,075	80,415	26,365	17,925	36,125
4	California	103	1,236,389	627,440	307,975	200,450	119,015	608,949	115,024	232,919	261,006
5	Colorado	16	607,579	315,835	169,000	63,900	82,935	291,735	49,918	102,725	139,092
6	Connecticut	72	2,563,662	798,369	335,242	328,828	134,299	1,765,293	319,949	630,378	814,966
7	Delaware	22	582,350	278,051	112,125	130,750	35,176	304,299	80,708	130,364	93,227
8	District of Columbia	12	287,600	209,000	120,900	55,100	33,000	78,600	10,100	28,300	40,200
9	Florida	14	90,525	64,500	33,750	21,900	8,850	26,025	8,700	6,525	10,800
10	Georgia	58	741,160	226,757	58,370	90,272	78,115	514,403	165,262	134,591	214,550
11	Illinois	259	8,153,778	2,980,239	1,205,575	1,194,651	580,013	5,173,539	1,186,785	1,262,862	2,723,892
12	Indiana	211	10,077,806	2,607,411	841,241	1,276,005	490,165	7,470,395	2,126,845	2,435,197	2,908,353
13	Iowa	132	2,372,742	1,045,271	283,924	527,930	233,417	1,327,471	289,695	412,897	624,879
14	Kansas	48	975,735	345,750	98,050	188,150	59,550	629,985	91,450	161,180	377,355
15	Kentucky	94	1,803,035	710,509	222,950	332,278	155,281	1,092,526	413,999	339,720	338,807
16	Louisiana	33	203,440	92,500	31,900	39,100	21,500	110,940	42,640	18,675	49,625
17	Maine	103	410,168	152,508	36,948	74,590	41,060	266,660	46,845	125,652	94,163
18	Maryland	95	665,591	300,054	87,529	154,350	58,175	365,537	75,360	136,137	154,040
19	Massachusetts	211	4,619,067	1,482,531	379,740	734,125	368,666	3,136,536	506,226	1,315,572	1,314,738
20	Michigan	238	5,453,720	1,841,144	531,525	879,233	430,386	3,612,576	779,571	1,069,663	1,763,342
21	Minnesota	107	1,799,470	924,062	456,440	276,953	190,669	875,408	285,516	278,419	311,473
22	Mississippi	19	131,050	57,400	15,175	24,575	17,650	73,650	15,700	25,075	32,875
23	Missouri	231	3,564,709	1,437,981	535,760	673,205	229,016	2,126,728	482,413	615,257	1,029,058
24	Nebraska	18	311,273	213,425	137,650	57,200	18,575	97,848	29,783	43,615	24,450
25	New Hampshire	55	888,266	328,040	82,165	181,500	64,375	560,226	132,096	147,470	280,069
26	New Jersey	173	2,202,290	1,036,700	364,800	482,550	189,350	1,165,590	301,991	451,011	412,588
27	New York	692	14,124,310	5,275,377	1,648,552	2,254,063	1,372,762	8,848,933	1,829,372	3,343,492	3,676,069
28	North Carolina	67	430,557	167,710	35,550	75,770	56,390	262,847	56,890	94,071	111,886
29	Ohio	419	13,333,262	3,727,356	1,077,747	1,766,858	882,751	9,605,906	1,741,285	2,850,988	5,013,633
30	Oregon	12	163,152	102,190	51,500	13,000	37,690	60,962	18,505	16,756	25,701
31	Pennsylvania	571	6,355,173	3,026,547	1,042,407	1,409,129	575,011	3,328,626	763,925	1,198,187	1,366,514
32	Rhode Island	39	370,141	191,969	80,599	75,150	36,220	178,172	36,433	54,769	86,970
33	South Carolina	28	199,655	106,510	42,125	34,735	29,650	93,145	22,420	17,475	53,250
34	South Dakota	5	36,910	23,850	13,100	7,300	3,450	13,060	2,000	2,760	7,400
35	Tennessee	37	496,981	197,315	80,475	70,890	45,950	299,666	75,950	76,442	147,274
36	Texas	31	222,134	119,575	68,400	27,950	23,225	102,559	30,021	28,925	43,613
37	Vermont	37	306,039	131,365	42,165	62,350	26,850	174,674	28,150	64,550	81,974
38	Virginia	59	590,903	203,645	68,380	81,050	54,215	387,258	112,313	137,335	137,610
39	Washington	11	111,000	55,150	23,000	21,400	10,750	55,850	16,950	18,000	20,900
40	West Virginia	25	228,050	132,955	43,755	59,500	29,700	95,095	27,820	37,625	29,650
41	Wisconsin	158	6,195,279	1,932,794	616,278	809,911	506,605	4,262,485	1,119,971	1,029,982	2,112,532
42	All other states (a)	5	41,955	14,635	2,060	8,100	4,475	27,320	8,550	11,220	7,550

a Includes establishments distributed as follows: Montana, 4; Wyoming, 1.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CARRIAGES AND WAGONS, FACTORY PRODUCT.

wagons, including custom work and repairing", Table 5, 4,042 custom and repair shops making five vehicles or more. "Carriages and wagons, factory product", was therefore the comparative statement is omitted.]

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS.					
								Aggregates.		Officers or firm members actively engaged in the industry or in supervision.			
										Males above 16 years.			
Total.	Rent paid for tenancy.	Taxes.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
$5,495,271	$1,062,213	$478,287	$600,422	$377,882	$83,849	$805,999	$2,086,619	62,594	$34,687,827	4,522	$19.67	$4,425,708	1
16,997	6,978	1,429	2,623	1,145	.....	4,210	612	363	175,107	22	19.74	19,222	2
5,791	1,036	1,032	946	645	.....	1,035	1,097	148	81,991	20	15.95	15,798	3
93,748	44,790	7,859	9,965	4,318	425	7,481	18,910	807	606,560	112	21.20	119,653	4
23,483	6,180	3,442	3,601	5,167	.....	3,730	1,357	320	286,605	25	34.29	44,360	5
125,648	20,002	13,910	14,877	5,258	100	23,183	48,318	1,586	1,195,502	98	29.96	149,310	6
32,926	7,500	3,620	3,847	1,169	.....	6,136	10,654	402	223,632	17	19.81	16,307	7
6,697	1,356	883	528	1,840	.....	140	1,950	201	113,242	7	22.00	7,150	8
1,724	660	222	357	90	.....	135	260	69	41,324	15	15.96	11,760	9
53,180	9,199	6,448	4,329	2,640	2,530	7,224	20,810	767	332,436	48	19.81	48,147	10
511,585	75,647	44,924	46,002	39,520	.....	56,919	248,564	4,684	2,728,970	281	21.26	295,082	11
503,517	33,239	38,608	47,453	51,342	1,220	68,454	263,201	4,509	2,057,146	237	17.60	205,423	12
124,874	6,618	18,408	17,808	7,818	.....	26,770	47,392	1,566	819,102	147	15.75	112,592	13
66,721	3,022	5,014	5,059	3,280	35,000	4,860	10,486	343	206,815	47	19.09	44,604	14
82,797	13,162	5,909	14,341	3,934	740	15,711	29,000	1,241	639,168	100	19.73	98,193	15
12,055	5,509	2,256	1,743	1,410	.....	322	815	246	130,595	37	17.26	32,576	16
23,561	6,156	3,813	2,966	2,786	495	2,213	5,132	447	226,128	90	13.28	56,002	17
32,739	17,978	4,125	2,854	2,190	.....	2,745	2,847	756	363,138	83	15.31	64,085	18
306,819	89,072	21,828	44,844	18,805	.....	46,713	85,557	3,784	2,403,579	260	21.60	280,226	19
307,447	24,162	23,972	36,696	16,210	6,477	39,194	160,736	3,289	1,640,251	248	17.29	213,887	20
100,049	18,765	11,594	10,162	4,506	.....	30,429	24,593	965	584,398	128	18.57	118,744	21
5,159	1,010	1,177	1,327	1,225	.....	170	250	137	63,526	14	14.30	9,572	22
205,707	58,696	18,578	25,791	12,849	600	32,688	56,505	3,009	1,655,840	261	19.35	252,139	23
8,595	2,720	2,292	1,398	835	.....	925	425	207	133,313	15	23.60	17,950	24
35,519	6,637	5,054	4,066	3,073	.....	6,027	10,662	511	296,204	43	17.73	36,478	25
101,555	30,075	10,469	12,398	8,983	200	12,233	27,197	1,650	1,015,031	158	19.07	153,731	26
903,896	291,567	78,683	92,884	68,010	2,150	119,815	250,787	9,963	5,972,888	706	22.82	815,364	27
36,570	2,306	2,475	2,042	2,780	4,000	10,426	12,541	458	163,045	47	11.60	27,518	28
1,030,760	121,786	64,944	97,000	45,996	21,972	164,903	514,159	9,786	5,109,397	414	21.79	435,036	29
12,325	6,178	598	1,290	1,088	.....	1,856	1,315	95	78,821	14	21.28	15,123	30
268,682	87,001	31,096	36,818	28,752	1,540	27,584	55,891	5,015	2,606,445	458	15.87	362,982	31
16,164	9,396	1,365	2,070	1,703	.....	761	869	276	168,680	32	16.55	27,316	32
10,616	1,666	2,119	1,010	1,062	.....	2,459	2,300	212	81,333	18	17.39	15,936	33
2,032	.....	635	240	245	.....	275	637	21	13,645	4	18.37	3,820	34
24,691	8,456	4,554	5,134	1,395	.....	1,802	3,350	481	260,078	46	17.31	40,487	35
12,557	7,150	1,312	1,215	527	.....	162	2,191	202	127,007	19	19.19	18,337	36
9,468	790	1,226	1,732	1,464	.....	1,500	2,754	187	106,963	30	15.70	23,659	37
31,488	12,653	2,534	4,442	4,025	.....	2,096	5,738	531	242,959	46	15.85	36,014	38
7,956	2,740	1,159	1,350	877	.....	500	1,330	98	82,782	6	25.10	7,724	39
7,814	1,538	1,306	2,253	1,640	.....	154	925	170	85,959	26	13.86	17,627	40
326,448	17,124	27,130	34,668	16,921	6,400	71,003	153,202	3,068	1,544,098	137	21.93	150,450	41
4,913	1,695	225	293	350	.....	1,050	1,300	24	24,124	6	17.06	5,324	42

TABLE 8.—DETAILED STATEMENT FOR SELECTED

CARRIAGES AND WAGONS, FACTORY PRODUCT—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.											
		Officers or firm members actively engaged in the industry or in supervision—Continued.			Clerks.						Operatives and skilled.		
		Females above 15 years.			Males above 16 years.			Females above 15 years.			Males above 16 years.		
		Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
1	The United States	15	$17.92	$13,453	1,369	$17.91	$1,208,759	163	$8.54	$67,506	42,425	$10.75	$22,707,067
2	Alabama				8	15.34	5,915	1	11.08	480	255	10.31	125,377
3	Arkaosas				1	19.23	1,000				117	10.46	62,231
4	California				6	15.73	4,908	1	5.00	260	567	14.59	426,109
5	Colorado	1	46.15	2,400	13	20.72	13,920				251	15.93	207,341
6	Connecticut				31	21.70	33,990				849	13.43	576,000
7	Delaware				8	14.75	6,134				290	10.96	163,568
8	District of Columbia				7	21.29	6,920				165	12.20	91,964
9	Florida				2	11.81	1,075				49	11.63	27,489
10	Georgia				17	16.78	13,560	1	11.54	500	584	8.39	237,690
11	Illinois	2	6.92	600	86	16.99	73,447	10	10.77	5,250	3,292	11.31	1,870,642
12	Indiana	2	15.05	1,500	99	13.71	67,472	24	8.70	10,293	2,617	9.28	1,194,369
13	Iowa				35	15.75	26,841	2	4.92	480	1,162	10.54	603,531
14	Kansas				8	22.79	9,480				266	11.03	145,575
15	Kentucky				37	13.28	24,854	3	10.00	1,560	691	10.40	358,615
16	Louisiana				3	13.21	1,775				173	10.11	88,486
17	Maine				5	5.33	1,375				323	10.28	162,863
18	Maryland				4	11.94	2,484				591	9.05	270,403
19	Massachusetts				50	15.82	38,739	11	6.68	3,595	2,594	12.46	1,604,064
20	Michigan	2	9.06	913	91	16.14	71,463	16	7.78	6,338	2,109	9.55	991,632
21	Minnesota				20	16.30	16,244				676	11.50	388,299
22	Mississippi				3	14.63	2,250				111	9.06	49,516
23	Missouri	1	31.47	1,500	51	21.45	52,788	12	9.55	5,047	2,196	10.23	1,094,587
24	Nebraska				4	14.09	2,840				183	12.01	110,728
25	New Hampshire				7	21.69	7,896				322	10.81	174,935
26	New Jersey				15	14.15	10,834				1,340	11.60	785,024
27	New York	4	23.56	4,900	231	17.43	201,343	22	8.45	9,344	7,012	11.55	4,056,758
28	North Carolina				3	10.00	1,560				364	6.84	124,964
29	Ohio				330	22.09	349,594	49	8.58	20,004	6,014	10.20	3,017,869
30	Oregon				2	16.08	1,620				77	15.59	61,328
31	Pennsylvania	3	10.51	1,640	77	12.67	48,981	1	6.00	312	3,813	9.99	1,913,017
32	Rhode Island				2	9.00	936	1	6.02	300	213	11.86	130,040
33	South Carolina										166	6.87	58,617
34	South Dakota										16	13.06	9,675
35	Tennessee				12	10.75	6,705				384	10.24	200,631
36	Texas							1	5.19	135	157	12.94	98,655
37	Vermont										139	10.59	74,792
38	Virginia				15	10.94	8,332				426	8.92	190,064
39	Washington				2	17.31	1,800				87	16.46	72,114
40	West Virginia				1	23.08	1,200				127	10.23	62,815
41	Wisconsin				83	21.72	88,484	8	9.07	3,508	1,639	9.86	805,890
42	All other states										18	20.09	18,800

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CARRIAGES AND WAGONS, FACTORY PRODUCT—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled—Continued.						Unskilled.							
Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
390	$6.19	$115,520	299	$3.60	$52,442	5,449	$7.47	$2,015,208	77	$5.08	$19,186	154	$3.78	$29,086	1
			6	3.46	900	55	6.80	16,637				1	2.88	150	2
			3	5.56	850	2	5.12	488							3
			2	4.09	372	78	7.73	31,089				7	5.16	1,880	4
			2	9.00	936	28	12.25	17,648							5
1	9.89	450				72	10.60	38,597							6
2	5.63	586				42	6.90	14,523				9	3.39	1,493	7
			3	3.33	520	18	7.11	6,288							8
						3	8.55	1,000							9
2	1.81	180	2	1.28	100	91	5.90	27,120				11	3.06	1,750	10
39	7.43	14,193	16	3.97	2,063	458	7.87	181,503	7	5.63	2,050	2	2.35	229	11
37	6.05	10,964	24	3.85	4,262	776	6.88	262,805	13	5.32	3,320	5	3.08	720	12
6	3.80	1,150	40	4.03	8,380	113	7.23	40,519	2	8.53	850	11	4.27	2,249	13
			1	4.00	208	14	6.47	4,638							14
			5	3.85	700	268	7.20	95,960				8	3.76	1,466	15
			2	1.00	104	29	4.54	6,822							16
						11	6.14	3,200							17
			3	2.33	364	24	3.92	4,786							18
29	6.90	9,828				140	9.33	64,283							19
15	5.66	4,185	8	2.08	812	205	6.92	70,664				10	4.01	2,028	20
			1	2.88	150	91	7.94	37,514							21
			3	4.33	648	3	5.38	840							22
17	6.69	5,580	2	3.85	400	192	9.50	89,432	2	6.59	614	5	3.80	988	23
						3	6.40	970				1	2.75	125	24
1	7.19	374				14	7.98	5,074							25
1	8.00	416	2	1.44	150	38	7.57	14,662							26
72	5.97	20,114	18	3.84	3,556	575	7.88	226,068				16	3.59	2,942	27
			11	2.43	1,388	17	4.39	3,709				1	1.44	75	28
127	6.26	37,480	66	3.93	13,282	1,040	7.57	382,201	34	5.25	8,528	53	3.80	10,441	29
						2	7.44	750							30
3	2.35	265	40	2.74	5,369	287	6.91	98,954	1	3.85	200				31
						28	6.96	10,088							32
			2	1.44	150	24	4.45	5,554							33
1	2.88	150													34
			6	3.12	974	27	5.54	7,781							35
2	4.13	215	3	5.02	522	18	7.39	6,804							36
						7	7.40	2,412							37
			2	3.46	360	35	4.01	6,565							38
						3	7.33	1,144							39
			5	3.44	772	9	6.51	2,667							40
35	5.47	9,390	21	3.94	4,150	609	7.39	223,329	18	3.95	3,624	14	4.38	2,550	41
															42

TABLE 8.—DETAILED STATEMENT FOR SELECTED CARRIAGES AND WAGONS, FACTORY PRODUCT—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.						AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR.		WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK. (a)				
		Pieceworkers.								Males above 16 years.				
		Males above 16 years.		Females above 15 years.		Children.								
		Number.	Total wages.	Number.	Total wages.	Number.	Total wages.	May to November.	November to May.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.
1	The United States	7,529	$3,979,894	148	$45,489	54	$8,509	10.02	9.66	53,765	3,032	1,881	2,919	4,354
2	Alabama	15	6,426					10.17	9.78	340	19	14	34	42
3	Arkansas	5	1,624					10.15	9.61	140	2	8	9	6
4	California	34	22,289					9.72	9.32	703	22	19	32	18
5	Colorado							9.69	9.59	317			1	
6	Connecticut	532	396,255	3	900			9.94	9.63	1,050	13	9	18	44
7	Delaware	34	21,021					10.00	9.14	357	41	9	15	22
8	District of Columbia	1	400					9.17	9.17	197	11	7	7	18
9	Florida							9.93	9.86	69	1	3	8	3
10	Georgia	10	3,239			1	150	10.33	9.75	740	122	125	78	99
11	Illinois	480	281,421	11	2,400			10.00	11.56	4,117	172	72	157	220
12	Indiana	667	293,491	8	2,427			10.04	9.33	3,729	289	149	397	624
13	Iowa	48	22,480					10.09	9.54	1,457	134	44	67	113
14	Kansas	7	2,310					9.94	9.53	335	20	8	14	10
15	Kentucky	129	57,820					10.07	9.38	1,096	48	33	159	81
16	Louisiana	2	832					9.88	9.85	242	37	16	14	8
17	Maine	18	2,688					10.07	9.57	429	9	7	27	26
18	Maryland	51	21,016					10.16	9.67	702	86	45	28	93
19	Massachusetts	690	401,074	10	1,770			9.96	9.60	3,044	42	34	74	87
20	Michigan	577	276,133	3	1,204	5	992	10.01	9.51	2,653	263	62	204	245
21	Minnesota	49	23,447					10.02	9.35	915	18	16	14	82
22	Mississippi	3	700					10.32	9.74	131	21	10	15	7
23	Missouri	270	152,765					10.05	9.37	2,700	99	119	127	219
24	Nebraska	1	700					9.89	8.94	205	4	6	2	11
25	New Hampshire	124	71,447					10.11	9.89	386	10	7	13	26
26	New Jersey	90	47,714	6	2,500			10.01	9.84	1,551	35	23	64	51
27	New York	1,218	609,997	59	17,852	30	4,680	9.97	9.65	8,524	207	204	216	497
28	North Carolina	14	3,691	1	140			10.58	9.56	431	64	33	130	59
29	Ohio	1,610	819,654	39	13,958	10	1,350	10.02	9.25	7,798	491	348	480	753
30	Oregon							10.08	9.17	95		1		2
31	Pennsylvania	329	173,599	3	1,126			10.14	9.65	4,635	400	259	227	335
32	Rhode Island							9.97	9.82	275	8	13	15	9
33	South Carolina	2	1,076					10.29	9.61	208	66	19	13	30
34	South Dakota							10.00	9.80	20	1		1	
35	Tennessee	6	3,500					10.03	9.68	469	31	10	34	58
36	Texas	2	2,339					9.90	9.87	194	7	3	10	4
37	Vermont	10	6,848	1	252			10.31	9.72	176	6	5	3	11
38	Virginia	7	1,624					8.70	9.33	522	91	44	43	62
39	Washington							9.82	9.64	98			2	
40	West Virginia	2	878					10.16	9.66	163	7	7	3	6
41	Wisconsin	492	250,426	4	960	8	1,337	10.07	9.69	2,468	135	90	164	373
42	All other states							10.00	10.00	24				

a In comparing the weekly ratee of wages and the number of employés at each rate with the average weekly earnings, it must be remembered that it is not practicable to obtain true averags weekly earnings from the table of weekly rates, because the term of employment varies for the employés at the respective rates.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CARRIAGES AND WAGONS, FACTORY PRODUCT—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Males above 16 years—Continued.							Females above 15 years.											
$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	
3,900	6,997	9,025	10,988	7,753	1,687	1,229	645	127	131	118	80	78	38	47	15	6	1	4	1
39	18	57	59	36	16	6	1							1					2
20	24	19	29	17	5	1													3
29	41	38	116	333	80	35	1		1										4
	6	28	45	184	38	15	1											1	5
47	63	116	253	391	39	57	1						1						6
19	25	63	99	52	9	3	2		2										7
7	22	18	50	43	8	6													8
2	2	12	13	20	2	3													9
31	48	63	86	55	16	17	3	2						1					10
429	484	629	989	770	99	96	58	9	7	10	2	22	1	4	2	1			11
292	494	570	575	236	42	61	76	10	12	18	9	10	11	4	1	1			12
74	143	292	354	164	47	25	10	6			2		2						13
27	35	46	77	75	9	14													14
58	247	102	192	132	29	15	3							3					15
6	26	37	44	40	9	5													16
42	64	103	85	51	11	4													17
57	56	157	107	52	13	8													18
163	297	463	823	860	138	63	40	6	5	11	14	1	1		2				19
190	498	350	477	235	81	48	33	7	5	8	7	1	2	2	1				20
54	136	177	189	161	49	19													21
8	9	14	27	16	3	1													22
262	341	568	516	292	82	75	32		7	2	12	1	3	6				1	23
4	7	29	79	52	5	6													24
25	65	57	89	72	14	8	1				1								25
58	124	326	483	280	77	30	1					1							26
547	1,242	1,651	2,112	1,354	274	220	98	18	26	23	4	5	5	12	1	1	1	2	27
27	49	34	21	11	3														28
633	1,217	1,505	1,309	592	238	232	210	44	52	22	24	36	12	13	4	3			29
2	2	4	16	46	19	3													30
367	567	764	986	602	78	50	8	4		1		1		1	1				31
11	33	35	53	87	8	3	1			1									32
17	28	8	15	7	1	4													33
	2	3	2	10	1		1	1											34
58	62	55	62	77	13	9													35
10	17	30	37	57	16	3	3	2	1										36
9	35	26	60	16	3	2													37
34	44	66	78	44	10	6													38
		6	7	62	18	3													39
23	28	20	51	11	7														40
218	396	484	321	151	68	68	61	18	13	22	5				3				41
1			2	7	9	5													42

TABLE 8.—DETAILED STATEMENT FOR SELECTED

CARRIAGES AND WAGONS, FACTORY PRODUCT—Continued.

	STATES AND TERRITORIES.	WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.					MATERIALS USED.						
		Children.					Aggregate cost.	Lumber.	Iron and steel.	Carriage hardware.	Paints, oils, and turpentine.	Varnish.	Leather.
		Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.		Cost.	Cost.	Cost.	Cost.	Cost.	Cost.
1	The United States....	453	391	43	17	2	$46,022,769	$6,325,155	$7,674,596	$3,166,029	$2,249,231	$1,510,023	$2,886,757
2	Alabama	7	7				273,303	39,055	36,642	24,825	13,801	9,382	7,494
3	Arkansas	3		3			53,944	12,840	17,645	3,330	2,782	1,234	660
4	California	9	4	2	3		467,246	79,199	93,818	35,908	27,025	16,634	22,111
5	Colorado	2				2	287,906	51,768	55,751	20,213	15,026	10,360	13,649
6	Connecticut						1,149,387	96,875	93,299	80,771	54,914	42,307	117,145
7	Delaware	9	9				306,723	37,166	35,657	26,184	8,684	9,715	37,410
8	District of Columbia	3	3				118,269	16,025	23,370	7,931	10,265	6,310	4,500
9	Florida						46,664	7,320	10,170	8,045	5,300	1,475	1,160
10	Georgia	13	13				511,856	101,893	108,139	59,712	27,760	13,687	19,775
11	Illinois	18	11	4	3		3,397,273	735,483	578,064	198,831	157,846	195,120	200,379
12	Indiana	29	28	1			3,532,957	583,491	677,878	236,819	169,724	94,562	161,052
13	Iowa	51	32	10	9		1,322,863	281,937	350,717	72,773	77,777	44,370	33,949
14	Kansas	1	1				210,791	35,576	52,583	15,138	17,438	9,095	12,043
15	Kentucky	13	9	4			823,257	251,239	185,460	110,482	60,972	33,243	18,376
16	Louisiana	2	2				103,714	18,525	24,224	5,973	8,315	3,948	3,028
17	Maine						186,465	23,129	37,545	18,342	14,207	8,288	9,766
18	Maryland	3	3				322,105	43,244	64,345	18,169	20,888	13,272	15,983
19	Massachusetts						2,781,647	230,760	268,753	263,615	124,967	87,804	256,284
20	Michigan	18	17	1			3,226,063	341,063	495,381	250,222	173,666	122,597	102,883
21	Minnesota	1	1				579,431	105,542	185,106	33,617	33,783	20,612	10,516
22	Mississippi	3	3				59,560	11,335	21,890	3,400	4,500	2,955	1,790
23	Missouri	7	5	2			2,256,332	281,701	416,547	123,729	115,383	70,823	132,984
24	Nebraska	1	1				168,836	41,240	39,727	9,310	6,528	3,772	6,560
25	New Hampshire						333,649	31,943	74,471	23,265	17,275	13,506	32,869
26	New Jersey	2	2				991,798	141,171	185,736	48,275	52,473	33,823	34,101
27	New York	34	29	5			6,371,872	813,379	970,000	393,313	321,482	230,074	295,112
28	North Carolina	12	12				219,468	46,737	60,650	9,953	13,297	4,642	5,215
29	Ohio	119	117	1	1		9,187,975	761,983	994,878	599,236	330,495	250,799	1,052,899
30	Oregon						52,086	9,021	10,110	2,260	4,020	1,600	1,250
31	Pennsylvania	40	39	1			2,578,588	357,550	524,926	215,453	146,565	107,439	94,725
32	Rhode Island						147,168	15,282	36,290	11,453	9,748	7,420	6,446
33	South Carolina	2	2				77,951	13,405	18,373	6,030	5,587	2,209	1,777
34	South Dakota						17,613	2,430	5,440	1,400	908	260	340
35	Tennessee	6	5	1			341,380	75,679	99,304	17,464	15,345	9,776	7,693
36	Texas	3	2		1		120,540	14,565	34,501	11,033	6,943	1,851	3,455
37	Vermont						110,067	11,575	24,158	8,050	8,107	4,900	4,248
38	Virginia	2	2				343,464	53,555	53,015	35,533	16,566	11,397	19,338
39	Washington						64,076	11,373	17,255	3,082	2,606	1,730	2,470
40	West Virginia	5	5				91,328	17,345	28,920	4,554	5,145	2,775	2,875
41	Wisconsin	35	27	8			2,777,034	518,656	660,899	145,756	139,268	93,457	132,165
42	All other states						11,080	3,100	2,950	100	1,150	800	300

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CARRIAGES AND WAGONS, FACTORY PRODUCT—Continued.

MATERIALS USED—continued.

Carriage cloths.	Rubber and enamel cloths.	Lamps and mountings.	Wheels.		Axles.		Springs.		Carriage bodies.		Wagon bodies.		
Cost.	Cost.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	
$2,191,196	$998,615	$756,399	2,746,498	$5,790,391	1,604,586	$2,682,896	1,643,137	$2,570,794	318,580	$2,490,979	90,036	$774,988	1
2,963	4,745	1,400	15,928	47,206	10,846	22,256	5,721	6,494	5,683	31,220	133	1,075	2
450	375	260	1,932	4,271	830	1,328	822	1,159	.....	.....	62	374	3
11,895	4,918	4,037	12,265	41,846	9,387	23,270	8,961	24,617	248	5,564	694	6,904	4
10,722	6,200	11,743	11,395	32,424	5,976	19,943	6,671	13,656	200	5,000	.....	.....	5
86,885	18,688	53,843	37,915	114,584	19,215	62,012	18,807	70,005	4,673	198,365	1,114	10,686	6
30,021	6,273	8,109	18,489	38,637	11,195	16,182	10,474	17,552	1,417	17,167	33	343	7
4,150	4,275	2,990	2,461	8,565	2,333	4,945	1,965	4,555	394	6,400	277	4,505	8
450	700	200	2,471	4,436	2,693	4,227	513	981	45	300	40	200	9
7,260	5,645	3,392	35,011	58,524	32,191	40,117	10,642	15,034	758	6,534	5,748	20,270	10
130,007	49,874	43,307	176,027	335,298	108,235	189,390	107,373	163,953	17,195	216,745	2,580	26,302	11
129,564	78,004	29,702	364,582	593,627	224,032	266,046	348,832	215,575	19,824	92,707	3,163	25,280	12
29,473	21,735	5,901	70,208	103,331	35,979	50,417	37,881	57,503	6,100	39,554	8,260	50,193	13
9,023	7,306	1,893	8,007	14,444	4,500	6,461	4,528	7,391	864	5,031	266	2,139	14
16,950	10,196	3,396	19,188	38,584	14,494	30,755	6,149	13,276	757	10,260	236	4,099	15
3,490	1,675	1,166	2,944	10,662	1,421	3,266	1,752	6,086	100	850	375	5,225	16
7,551	3,116	1,065	7,665	21,655	4,410	7,140	3,639	6,429	701	8,403	467	3,047	17
13,332	7,779	4,602	15,661	43,160	9,245	15,779	5,657	17,270	697	11,527	559	11,378	18
229,354	54,303	99,150	127,954	302,422	62,229	127,925	61,016	144,024	21,373	253,941	1,909	47,471	19
134,215	68,308	20,671	320,535	575,543	203,943	268,678	206,959	187,117	34,888	107,734	14,069	38,642	20
11,386	4,472	2,830	18,493	44,445	12,291	29,066	9,277	22,064	1,795	13,508	1,002	7,758	21
825	625	250	1,370	2,630	840	2,325	570	1,250	20	125	105	1,000	22
75,383	49,675	22,675	100,556	291,033	50,518	124,002	60,124	145,169	14,949	168,081	6,741	64,516	23
9,560	2,644	2,240	3,812	10,005	1,744	4,553	1,843	5,747	462	11,460	223	4,243	24
8,239	8,056	3,933	13,189	33,103	8,441	13,865	6,557	15,157	3,147	24,404	383	3,902	25
41,364	18,868	18,280	29,849	116,319	17,614	58,452	17,087	62,667	3,519	47,960	1,835	40,145	26
370,585	126,920	98,484	372,236	829,102	200,843	395,390	199,340	448,840	44,126	364,851	7,309	121,870	27
2,940	3,046	843	11,775	19,987	6,045	8,753	2,299	5,292	331	2,532	908	4,761	28
542,440	291,745	216,544	685,338	1,307,045	403,738	612,083	367,812	614,885	117,244	749,237	11,383	64,691	29
1,300	550	450	1,368	3,685	676	1,731	796	2,963	155	1,990	37	500	30
127,941	65,888	39,304	92,819	230,712	61,806	135,338	49,778	132,152	8,350	82,610	4,392	69,513	31
5,600	3,819	1,086	5,287	19,567	3,222	8,071	2,354	6,270	248	4,245	110	1,090	32
835	1,100	10	4,285	10,725	2,475	4,581	1,097	1,931	227	1,720	662	3,042	33
650	300	150	800	2,320	340	700	190	525	35	350	95	1,000	34
7,464	4,232	3,012	12,142	32,115	5,091	12,106	5,048	13,553	1,549	21,630	843	8,158	35
650	1,208	385	3,318	10,293	1,934	5,895	2,336	12,081	262	3,548	165	1,467	36
5,648	2,570	1,530	4,667	11,454	2,919	5,405	1,399	2,545	334	2,877	109	1,340	37
13,449	6,145	11,420	11,427	26,594	4,816	9,551	4,408	11,278	1,283	20,310	859	13,010	38
3,180	1,160	1,050	1,340	4,310	650	2,250	700	1,955	222	2,060	34	950	39
3,150	1,780	760	1,933	4,940	2,431	3,526	908	2,205	293	2,548	78	870	40
100,552	49,641	34,286	119,756	330,488	62,838	93,876	61,807	89,363	4,112	37,631	12,778	103,026	41
300	50	50	100	300	160	240	75	225	.....	.....	.....	.....	42

TABLE 8.—DETAILED STATEMENT FOR SELECTED

CARRIAGES AND WAGONS, FACTORY PRODUCT—Continued.

	STATES AND TERRITORIES.	MATERIALS USED—continued.						PRODUCTS.				
		Fuel.				Rent of power and heat.	Cost of all other materials.	Aggregate value.	Road carts and all carts valued at less than $25.		All other carts, including dog carts and physicians' gigs, valued at $25 or more.	
		Total cost.	Coal.	Wood.	All other.				Number.	Value.	Number.	Value.
			Cost.	Cost.	Cost.	Cost.						
1	The United States....	$805,176	$765,337	$23,163	$16,676	$35,997	$3,113,547	$102,680,341	326,708	$4,336,101	34,699	$1,738,072
2	Alabama	3,440	3,440	.....	.....	.....	21,305	530,004	30	475	41	1,501
3	Arkansas	2,220	2,180	40	.....	.....	5,016	164,144	.....	.....	9	1,565
4	California	27,088	24,405	435	2,248	2,054	40,358	1,362,032	2	40	594	49,826
5	Colorado	5,047	5,047	.....	.....	.....	16,413	723,374	.....	.....	412	14,600
6	Connecticut	21,988	21,603	334	51	1,750	115,270	2,808,742	32	740	85	9,520
7	Delaware	2,138	2,138	.....	.....	360	13,125	653,691	50	1,000	32	2,334
8	District of Columbia	1,908	1,908	.....	.....	150	7,425	282,626	6	140	3	450
9	Florida	1,310	1,160	.....	150	.....	390	108,485	2	40	60	1,900
10	Georgia	10,176	10,036	140	.....	.....	13,938	1,062,923	50	786	288	16,872
11	Illinois	58,218	58,210	8	.....	2,870	214,586	8,047,148	27,776	455,646	6,835	354,717
12	Indiana	50,066	47,979	537	1,550	4,366	123,594	7,781,975	125,558	1,257,352	2,563	120,990
13	Iowa	24,426	23,838	588	.....	300	18,507	2,802,230	5,346	102,922	2,533	68,519
14	Kansas	7,640	7,640	.....	.....	.....	7,590	546,349	545	6,416	211	7,392
15	Kentucky	16,819	16,719	100	.....	200	18,950	1,839,030	1,722	26,104	337	20,205
16	Louisiana	2,118	2,088	30	.....	662	4,471	298,472	15	175	155	11,323
17	Maine	6,188	4,542	1,646	.....	400	10,194	518,925	25	550	95	5,453
18	Maryland	6,538	6,526	12	.....	.....	14,839	899,854	1,151	21,460	202	10,980
19	Massachusetts	52,804	52,175	579	50	9,600	228,470	6,407,837	30	400	954	95,583
20	Michigan	39,873	36,225	3,613	35	1,700	297,770	6,231,104	97,537	1,301,268	2,958	97,646
21	Minnesota	16,562	14,237	2,325	.....	1,538	36,626	1,520,512	93	1,715	142	8,348
22	Mississippi	1,790	1,790	.....	.....	.....	2,870	143,705	20	200	40	1,750
23	Missouri	38,487	38,060	427	.....	1,030	135,114	4,691,684	3,928	58,302	1,279	56,589
24	Nebraska	3,124	3,124	.....	.....	.....	7,620	366,519	.....	.....	38	2,875
25	New Hampshire	9,025	8,005	1,020	.....	700	19,945	808,817	16	220	51	3,170
26	New Jersey	27,965	27,890	25	50	30	64,079	2,583,524	210	4,138	472	35,755
27	New York	118,487	114,246	1,610	2,631	2,898	471,085	15,567,776	20,984	290,196	3,064	232,841
28	North Carolina	8,097	7,171	451	475	.....	22,714	500,176	393	7,710	422	18,215
29	Ohio	86,210	79,277	400	6,530	2,355	710,444	18,063,776	25,291	465,199	4,137	203,125
30	Oregon	2,725	2,600	125	.....	.....	7,931	185,990	.....	.....	42	2,700
31	Pennsylvania	65,239	62,480	474	2,285	984	182,269	6,698,522	6,248	98,753	2,633	153,078
32	Rhode Island	4,932	4,410	72	450	1,000	4,849	393,394	5	90	22	2,775
33	South Carolina	2,316	2,276	40	.....	.....	4,310	202,661	137	2,275	154	4,910
34	South Dakota	820	820	.....	.....	.....	350	39,250	.....	.....	.....	.....
35	Tennessee	6,248	5,848	400	.....	.....	7,601	765,855	10	180	101	9,125
36	Texas	4,639	4,564	.....	75	.....	8,026	308,971	216	4,375	288	10,100
37	Vermont	3,464	2,856	608	.....	270	11,926	279,397	.....	.....	25	1,625
38	Virginia	8,159	7,952	207	.....	.....	34,144	773,212	369	8,254	222	13,605
39	Washington	3,655	3,655	.....	.....	250	3,740	200,138	.....	.....	7	565
40	West Virginia	2,485	2,389	.....	96	.....	7,444	213,469	18	300	1,531	38,700
41	Wisconsin	50,071	43,163	6,908	.....	500	197,399	5,207,298	8,899	125,680	1,362	46,905
42	All other states	665	665	.....	.....	.....	850	46,750	.....	.....	.....	.....

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CARRIAGES AND WAGONS, FACTORY PRODUCT—Continued.

PRODUCTS—continued.														
Buggies and phaetons (to carry 2 people).				Light carriages (to carry 4 people).				Landaus and broughams.		Victorias and cabriolets.		Coaches.		
Valued at less than $100.		Valued at $100 or more.		With tops.		Without tops.								
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	
277,606	$15,933,681	81,891	$11,411,865	85,251	$11,137,716	19,752	$1,972,266	3,232	$2,432,525	2,723	$999,608	1,004	$847,605	1
353	22,525	369	43,710	144	20,070	44	4,800	.....	.....	4	1,600	.....	.....	2
54	4,266	38	4,735	2	600	.....	.....	.....	.....	.....	.....	.....	.....	3
108	9,055	817	153,862	245	52,751	41	6,805	20	22,400	8	5,100	8	7,510	4
10	850	665	126,205	152	42,030	91	18,050	5	5,500	3	2,700	.....	.....	5
973	63,660	2,608	428,190	1,189	212,135	1,164	155,132	670	603,150	250	174,720	128	110,200	6
2,463	113,175	1,046	147,415	1,301	185,980	52	4,170	31	24,350	16	8,496	16	13,200	7
3	280	60	14,870	25	8,495	5	2,000	.....	.....	.....	.....	.....	.....	8
47	2,600	2	250	51	5,810	.....	.....	.....	.....	.....	.....	.....	.....	9
1,262	81,190	1,275	137,775	238	43,435	19	2,100	7	7,300	41	13,750	.....	.....	10
17,238	922,974	5,680	759,763	5,232	647,945	769	66,845	432	453,075	38	31,050	33	35,760	11
23,270	1,286,154	3,171	385,954	4,661	575,658	1,183	95,062	45	46,400	26	16,590	21	18,500	12
3,028	199,692	2,016	257,775	1,516	200,969	553	50,285	4	3,750	1	600	1	125	13
619	49,447	846	110,012	472	66,962	134	12,600	.....	.....	5	1,294	.....	.....	14
1,748	78,145	928	139,520	690	98,999	55	2,980	8	4,200	.....	.....	.....	.....	15
125	9,390	189	22,950	183	22,623	12	1,700	.....	.....	1	500	.....	.....	16
303	20,083	586	85,270	350	37,710	293	31,424	6	3,600	12	4,200	2	505	17
227	17,237	680	106,125	818	113,725	11	1,280	7	6,900	21	15,400	2	1,325	18
4,051	399,349	9,314	1,420,543	5,030	1,046,477	1,882	276,304	469	213,470	1,519	290,293	149	122,900	19
24,984	1,361,715	2,886	308,496	4,990	478,697	3,598	248,930	530	50,400	37	16,100	5	5,500	20
396	30,277	1,040	146,520	482	74,752	358	35,069	12	2,280	3	1,950	8	6,400	21
138	7,830	121	14,125	42	5,010	.....	.....	.....	.....	.....	.....	.....	.....	22
16,110	1,040,373	3,199	446,793	3,579	477,858	601	36,898	123	96,550	16	10,630	6	6,350	23
124	9,735	257	56,630	121	27,575	34	4,000	.....	.....	.....	.....	6	9,000	24
882	64,038	630	80,041	512	62,695	1,154	69,707	.....	.....	1	585	.....	.....	25
1,412	108,170	1,173	241,875	2,171	327,147	186	23,073	30	32,750	44	29,050	57	52,500	26
49,571	2,522,694	8,910	1,349,865	11,336	1,446,136	2,840	345,775	626	673,900	476	265,670	290	272,500	27
1,495	89,123	163	19,204	134	15,620	10	1,060	.....	.....	.....	.....	.....	.....	28
107,738	6,276,475	24,340	3,163,122	24,795	3,205,618	2,687	314,563	109	97,550	117	56,000	57	35,150	29
18	1,400	143	23,800	250	37,450	10	2,050	.....	.....	.....	.....	.....	.....	30
8,103	508,802	4,694	638,518	6,636	907,179	571	57,300	71	67,280	36	21,100	211	148,720	31
34	2,485	178	39,500	74	12,860	66	6,510	2	2,300	1	950	.....	.....	32
408	24,648	73	9,000	65	7,700	30	4,050	.....	.....	.....	.....	.....	.....	33
43	2,900	35	4,000	16	1,900	.....	.....	.....	.....	.....	.....	.....	.....	34
203	15,080	303	49,750	1,297	124,185	36	4,562	.....	.....	1	320	.....	.....	35
118	7,640	50	6,850	37	5,640	.....	.....	.....	.....	.....	.....	1	120	36
518	41,155	329	41,610	329	37,830	10	650	.....	.....	.....	.....	.....	.....	37
854	68,325	810	122,380	751	129,290	83	8,550	.....	.....	31	20,400	2	1,000	38
25	2,000	387	50,500	60	9,400	.....	.....	.....	.....	1	500	.....	.....	39
54	3,960	263	35,582	106	13,830	4	300	.....	.....	.....	.....	1	400	40
7,596	455,784	1,455	200,930	4,223	541,410	1,161	76,123	16	15,500	14	10,150	.....	.....	41
.....	.....	45	8,750	37	5,500	5	1,500	.....	.....	.....	.....	.....	.....	42

TABLE 8.—DETAILED STATEMENT FOR SELECTED CARRIAGES AND WAGONS, FACTORY PRODUCT—Continued.

	STATES AND TERRITORIES.	PRODUCTS—continued.											
		All other heavy carriages.		Public conveyances, as omeibuses, etage coaches, hearses, etc.		Light spring wagons.		Transfer wagons.		Farm wagons.		Dirt or dump carts.	
		Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.
1	The United States	8,439	$1,671,232	3,200	$1,302,666	98,841	$8,402,383	26,987	$4,237,956	298,851	$13,737,487	8,331	$409,213
2	Alabama	4	1,040	3	850	286	27,052	124	14,905	6,622	256,315	101	4,366
3	Arkansas			11	690	88	7,735	71	7,300	1,068	59,133	5	225
4	California	47	20,070	70	34,535	995	149,151	218	67,380	338	34,750	135	16,460
5	Colorado			12	5,040	840	112,315	576	90,170	10	1,355		
6	Connecticut	1,017	530,180	63	21,520	790	81,031	358	63,702	162	16,930	142	11,090
7	Delaware					857	48,303	262	26,820	12	1,180	1	50
8	District of Columbia			17	7,550	261	46,265	10	4,500			8	1,175
9	Florida					675	36,100	233	10,020	159	7,150	152	4,590
10	Georgia	11	3,850	26	6,350	671	47,699	511	26,100	11,909	387,250	256	8,310
11	Illinois	268	184,411	232	80,954	6,951	653,781	4,160	439,215	36,534	1,682,296	350	12,034
12	Indiana	76	23,010	99	27,275	16,644	733,951	543	78,300	48,961	2,221,461	408	11,850
13	Iowa	2,061	123,955	50	11,910	3,398	271,132	592	50,932	20,977	986,340	123	3,485
14	Kansas	11	2,560	40	5,685	804	76,709	44	8,683	836	47,675	4	208
15	Kentucky	3	750	2	600	863	90,434	388	95,171	23,266	924,656	290	16,072
16	Louisiana	2	160	9	2,755	524	70,951	134	19,113	9	720	99	4,845
17	Maine	5	625	3	650	414	41,061	183	13,189	329	26,283	40	2,555
18	Maryland	63	19,157	7	4,010	777	101,238	407	96,539	136	12,115	128	7,970
19	Massachusetts	381	162,510	406	232,171	2,650	353,998	1,023	198,881	515	41,244	593	37,204
20	Michigan	518	33,935	48	7,798	7,086	393,419	1,818	105,699	16,645	800,152	149	3,144
21	Minnesota	173	21,255	19	5,025	2,310	152,814	502	66,527	7,229	370,670	251	11,630
22	Mississippi			5	400	104	8,000	133	8,600	795	34,050	38	1,340
23	Missouri	155	46,535	51	22,170	6,777	596,582	1,281	216,775	15,102	703,860	638	18,372
24	Nebraska	1	350	7	4,450	329	40,710	129	61,745	70	4,775	15	2,500
25	New Hampshire	13	4,400	71	59,936	709	86,111	657	167,638	164	12,870	57	6,475
26	New Jersey	259	69,372	75	61,305	3,063	360,305	696	182,609	1,993	145,505	382	18,406
27	New York	2,811	280,493	762	334,713	11,971	1,249,448	5,041	1,008,335	9,997	539,643	727	54,113
28	North Carolina			2	285	64	3,960	39	2,500	6,578	252,821	490	10,388
29	Ohio	175	40,870	552	150,130	8,682	763,340	1,560	283,126	26,857	1,163,396	454	15,143
30	Oregon			17	7,100	223	31,930	84	21,190	71	4,550	20	975
31	Pennsylvania	279	72,109	204	121,144	6,560	803,118	2,121	428,816	6,020	377,243	1,327	81,805
32	Rhode Island	12	5,630	10	3,750	490	50,145	304	43,598	55	5,255	89	8,550
33	South Carolina			1	150	561	24,600	35	3,890	1,100	47,310	83	2,660
34	South Dakota	10	1,000	10	1,200	50	5,350	11	1,950	45	2,350		
35	Tennessee			47	7,675	856	88,835	952	78,665	3,686	165,695	120	4,050
36	Texas			8	1,600	236	25,983	207	21,780	707	35,668	114	6,720
37	Vermont	3	430			94	9,985	167	11,262	381	27,985	15	785
38	Virginia	7	1,375			546	45,195	155	25,613	1,419	64,234	350	13,370
39	Washington			6	2,000	170	24,225	241	55,215	85	2,525	13	758
40	West Virginia	8	800	2	450	138	16,177	42	6,465	1,050	43,585	11	550
41	Wisconsin	66	20,400	253	68,840	9,324	671,245	967	124,038	46,931	2,221,992	151	5,040
42	All other states					10	2,000	8	1,000	58	4,500		

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CARRIAGES AND WAGONS, FACTORY PRODUCT—Continued.

PRODUCTS—continued.

Sleighs.				All other vehicles.		Wheels.		Axles.		Springs.		Carriage bodies.		Wagon bodies.		Value of all other products.	
Valued at less than $25.		Valued at $25 or more.															
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
49,907	$850,193	37,254	$1,088,628	4,578	$444,494	107,216	$337,571	18,522	$59,525	55,202	$95,528	35,662	$418,091	13,102	$205,569	$18,610,366	1
.....	.....	.....	.....	3	180	48	300	1,000	2,500	.....	.....	1,130	12,825	.....	.....	114,990	2
.....	.....	.....	.....	.....	.....	200	975	140	415	.....	.....	10	100	65	1,150	75,315	3
11	212	.....	.....	171	12,100	1,064	5,878	80	2,225	.....	.....	203	4,567	269	4,525	702,890	4
.....	.....	14	870	165	109,750	.....	.....	.....	.....	.....	.....	50	5,000	200	4,000	184,939	5
.....	.....	136	6,760	.....	.....	284	1,625	.....	.....	.....	.....	234	3,586	443	4,150	310,721	6
.....	.....	10	250	75	22,500	.....	.....	.....	.....	.....	.....	45	540	.....	.....	53,928	7
.....	.....	.....	.....	.....	.....	368	3,276	800	2,600	510	1,850	171	5,556	347	11,330	172,895	8
.....	.....	.....	.....	.....	.....	100	250	.....	.....	30	120	.....	.....	.....	.....	39,655	9
.....	.....	20	1,000	6	300	6,137	13,605	200	300	30	120	145	4,950	167	1,176	258,705	10
4,978	85,751	551	23,796	1,090	22,151	678	2,563	363	915	50	100	121	1,170	3,262	28,449	1,100,847	11
144	2,632	195	6,680	340	11,525	49,534	94,775	6,300	5,870	1,500	3,800	2,591	47,831	1,260	11,385	999,060	12
3,404	61,290	221	7,897	695	29,513	1,193	2,844	1,259	1,465	240	400	103	972	313	2,606	372,852	13
.....	.....	38	820	.....	.....	470	1,820	684	1,991	130	260	322	6,076	75	908	135,741	14
.....	.....	.....	.....	.....	.....	650	2,126	187	1,195	12	75	40	1,300	78	850	335,648	15
.....	.....	.....	.....	3	2,800	252	1,340	180	988	171	1,550	5	875	150	3,750	119,904	16
137	2,171	1,181	51,856	42	11,070	118	293	.....	.....	.....	.....	.....	.....	.....	.....	180,377	17
22	460	20	695	41	8,260	836	6,053	275	2,108	70	400	54	2,180	120	3,958	340,279	18
35	760	1,330	66,970	27	8,840	12,342	25,580	64	250	.....	.....	1,672	20,620	995	8,210	1,376,280	19
7,328	128,058	1,904	65,380	63	6,765	931	9,235	822	3,087	1,218	2,168	3,720	28,377	448	6,071	728,155	20
4,009	59,271	1,771	70,527	.....	.....	412	1,552	122	268	.....	.....	72	1,755	163	2,491	449,416	21
.....	.....	.....	.....	.....	.....	300	1,500	150	675	.....	.....	75	450	.....	.....	59,775	22
19	325	105	3,120	31	17,250	1,560	6,578	806	3,300	.....	.....	97	8,046	283	4,208	805,220	23
.....	.....	2	100	3	90	.....	.....	.....	.....	.....	.....	300	15,600	.....	.....	126,084	24
66	1,200	939	48,829	.....	.....	778	8,053	250	2,935	120	1,199	195	2,135	37	512	126,068	25
26	310	121	8,062	189	20,395	268	2,085	52	598	418	1,635	50	1,790	313	14,127	842,562	26
23,984	424,102	10,408	439,199	475	33,910	8,656	65,485	2,089	14,040	47,295	65,187	5,095	72,750	2,433	51,693	3,535,088	27
6	120	.....	.....	.....	.....	100	560	.....	.....	.....	.....	40	370	6	30	78,270	28
767	11,829	291	10,389	342	38,440	11,270	21,329	674	1,468	56	150	18,381	151,265	262	3,425	1,592,544	29
.....	.....	47	1,815	2	1,900	48	240	.....	.....	.....	.....	5	100	.....	.....	48,790	30
1,528	24,018	2,150	83,430	283	49,590	4,262	41,896	1,395	8,705	3,058	15,714	516	16,705	1,037	20,343	1,044,236	31
.....	.....	82	3,625	103	11,275	100	500	15	45	.....	.....	12	150	60	600	102,801	32
.....	.....	.....	.....	.....	.....	800	2,400	.....	.....	.....	.....	.....	.....	50	300	68,768	33
.....	.....	37	2,100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,500	34
.....	.....	.....	.....	1	480	20	160	100	300	.....	.....	.....	.....	12	120	216,733	35
24	120	.....	.....	4	320	360	1,645	50	300	.....	.....	.....	.....	10	40	160,070	36
375	5,360	399	17,120	6	435	16	150	.....	.....	.....	.....	.....	.....	.....	.....	83,005	37
2	35	.....	.....	.....	.....	365	1,965	.....	.....	.....	.....	.....	.....	100	3,000	246,621	38
4	75	2	150	36	2,670	36	670	50	600	200	800	27	330	5	125	46,930	39
20	440	4	115	8	400	50	275	.....	.....	.....	.....	.....	.....	12	120	51,020	40
3,018	50,714	15,280	166,873	365	21,585	2,610	8,000	415	982	.....	.....	112	756	187	1,927	572,424	41
.....	.....	6	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23,300	42

TABLE 8.—DETAILED STATEMENT FOR SELECTED

CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.								
			Aggregate.	Value of plant.				Live assets.			
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Total.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	The United States....	4,552	$16,016,573	$11,639,692	$968,333	$5,588,257	$5,083,102	$4,376,881	$369,820	$2,072,761	$1,934,300
2	California	19	125,650	97,215	53,765	23,050	20,400	28,435	3,270	15,860	9,305
3	Colorado	6	30,065	22,350	5,450	9,750	9,150	7,715	350	1,365	6,000
4	Connecticut	49	196,770	141,170	7,051	71,395	62,724	55,600	2,202	12,756	40,642
5	Delaware	5	19,085	13,600	1,000	3,000	9,600	5,485	345	1,090	4,050
6	Idaho	4	25,175	12,675	4,450	6,875	1,350	12,500	2,550	8,350	1,600
7	Illinois	262	2,180,685	1,664,395	146,705	774,077	743,613	516,290	105,305	170,361	240,624
8	Indiana	52	129,414	94,325	8,183	45,595	40,547	35,089	4,193	15,305	15,591
9	Iowa	497	2,074,177	1,569,066	100,180	667,851	801,035	505,111	48,734	147,180	309,197
10	Kansas	101	433,792	359,328	24,192	174,250	160,886	74,464	5,529	27,797	41,138
11	Maine	40	110,215	71,899	3,010	34,554	34,335	38,316	877	18,526	18,913
12	Maryland	24	75,875	64,175	3,505	23,575	37,095	11,700	1,177	3,468	7,055
13	Massachusetts	29	118,781	88,074	8,301	44,207	35,566	30,707	650	7,084	22,973
14	Michigan	100	481,770	272,653	23,663	111,688	137,302	209,117	15,827	64,272	129,018
15	Minnesota	106	606,184	358,995	38,065	151,285	169,645	247,189	11,596	82,767	152,826
16	Missouri	61	252,024	224,700	15,275	115,310	94,175	27,264	2,020	13,378	11,866
17	Nebraska	58	339,165	222,719	22,270	116,216	84,233	116,446	11,556	31,057	73,833
18	New Hampshire	23	71,992	55,231	4,030	22,400	28,801	16,761	725	4,260	11,776
19	New Jersey	16	88,959	64,300	3,600	33,750	26,950	24,659	1,614	3,041	19,984
20	New York	1,308	4,002,026	2,826,268	228,606	1,487,019	1,110,643	1,175,758	77,739	830,900	267,119
21	North Dakota	10	38,490	27,245	2,695	13,200	11,350	11,245	2,450	3,995	4,800
22	Ohio	330	819,720	568,890	48,078	279,159	241,653	250,830	13,699	145,834	91,297
23	Oregon	12	86,290	78,400	47,100	15,600	15,700	7,890	1,415	3,560	2,915
24	Pennsylvania	300	1,322,384	1,040,273	49,428	483,461	507,384	282,111	22,228	100,023	159,860
25	Rhode Island	4	16,983	13,700	200	2,000	11,500	3,283	353	530	2,400
26	South Dakota	16	33,993	26,705	3,355	11,460	11,890	7,288	905	2,508	3,875
27	Tennessee	4	19,405	17,280	4,575	4,605	8,100	2,125	145	445	1,535
28	Texas	3	19,172	19,000	725	7,500	10,775	172	----	----	172
29	Utah	3	22,300	18,500	2,500	10,000	6,000	3,800	100	600	3,100
30	Vermont	123	367,353	268,257	16,290	122,085	129,882	99,096	2,976	42,457	53,663
31	Virginia	12	47,575	41,115	3,900	16,515	20,700	6,460	665	3,640	2,155
32	Washington	3	9,850	4,450	500	1,350	2,600	5,400	100	5,100	200
33	West Virginia	3	6,905	5,025	200	2,875	1,950	1,880	75	180	1,625
34	Wisconsin	966	1,833,988	1,278,049	85,281	698,600	494,168	555,939	28,424	304,372	223,143
35	All other states (a)	3	10,361	9,605	4,205	4,000	1,400	756	6	700	50

a Includes establishments distributed as follows: Kentucky, 1; Montana, 1; Wyoming, 1.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS.					
								Aggregates.		Officers or firm members actively engaged in the industry or in supervision.			
										Males above 16 years.			
Total.	Rent paid for tenancy.	Taxes.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
$813,954	$77,930	$61,748	$98,334	$268,824	$3,054	$92,534	$211,530	14,369	$5,116,005	1,936	$11.63	$787,120	1
7,191	4,375	859	288	675	.....	444	550	54	26,090	4	12.82	2,250	2
2,208	.....	168	290	500	.....	350	900	20	13,840	7	17.43	5,590	3
13,427	2,814	769	1,038	1,384	.....	2,279	5,143	162	86,467	15	12.74	8,335	4
1,642	950	39	123	325	.....	205	.....	19	6,840	3	9.83	1,150	5
1,314	.....	154	60	320	.....	780	.....	16	2,800	3	9.94	775	6
106,850	18,488	10,185	14,876	34,558	.....	6,534	22,209	1,540	698,014	159	15.05	109,823	7
5,888	410	800	857	1,328	.....	731	1,762	187	70,747	32	11.09	14,327	8
121,160	10,603	9,672	14,928	49,534	.....	15,856	20,567	2,545	1,032,799	166	11.34	89,321	9
22,939	1,145	2,271	2,296	5,873	15	6,977	4,362	312	111,143	38	11.82	16,204	10
4,598	337	267	461	1,314	.....	1,477	742	100	37,195	12	11.46	5,721	11
2,682	225	333	297	987	.....	410	430	56	16,224	14	9.68	5,160	12
10,951	355	783	599	2,216	1,488	1,919	3,591	91	51,754	3	13.32	1,732	13
30,391	955	1,506	2,340	4,478	426	2,913	17,773	424	139,673	60	11.30	24,686	14
50,849	2,227	2,686	7,099	7,574	1,025	4,922	25,316	855	397,618	53	14.32	32,463	15
9,721	699	512	1,602	2,259	.....	2,313	2,336	186	61,164	24	10.72	9,869	16
49,563	750	1,580	1,815	6,053	100	1,771	37,494	475	180,367	40	15.77	25,499	17
7,777	855	200	384	1,316	.....	1,559	3,463	66	34,539	14	15.27	9,924	18
3,888	775	432	326	1,227	.....	728	400	39	15,192	3	12.28	1,330	19
149,946	12,014	13,394	25,138	65,622	.....	15,322	18,456	3,075	837,617	569	11.07	186,735	20
2,227	290	177	255	115	.....	890	500	26	7,413	1	23.08	600	21
41,223	2,768	3,550	4,352	14,971	.....	3,384	12,198	890	264,629	109	10.80	34,421	22
3,608	244	521	231	670	.....	1,500	442	32	10,750	2	11.20	971	23
61,665	6,472	4,063	4,584	25,679	.....	9,935	10,932	904	322,668	124	10.49	50,808	24
6,910	3,040	18	200	300	.....	350	3,002	19	10,046	4	16.87	3,436	25
1,552	75	168	152	450	.....	542	165	60	14,609	4	15.30	1,127	26
585	.....	110	105	120	.....	50	200	11	2,249	.....	.....	.....	27
567	.....	167	240	.....	.....	160	.....	10	1,575	.....	.....	.....	28
345	.....	158	37	150	.....	.....	.....	12	4,610	1	19.23	500	29
14,947	1,227	704	1,973	5,523	.....	2,446	3,074	310	95,972	44	11.53	17,193	30
808	.....	225	173	385	.....	10	15	44	13,033	3	11.50	1,346	31
262	.....	38	34	125	.....	45	20	4	1,125	1	17.32	75	32
146	.....	.....	31	30	.....	10	75	4	610	.....	.....	.....	33
75,721	5,837	5,151	11,080	32,748	.....	5,492	15,413	1,817	545,361	424	10.03	134,749	34
403	.....	88	70	15	.....	230	.....	4	1,252	.....	.....	.....	35

TABLE 8.—DETAILED STATEMENT FOR SELECTED

CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.											
		Officers and firm members actively engaged in the industry or in supervision—Continued.			Clerks.						Operatives and skilled.		
		Females above 15 years.			Males above 16 years.			Females above 15 years.			Males above 16 years.		
		Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
1	The United States	22	$7.45	$5,227	171	$9.42	$68,889	21	$6.03	$5,915	7,931	$9.48	$2,865,810
2	California				1	9.23	480				25	12.70	14,135
3	Colorado				3	13.08	2,040				10	12.71	6,210
4	Connecticut				2	5.19	540	1	4.81	250	99	12.21	58,066
5	Delaware				1	8.17	425				13	7.88	4,840
6	Idaho										6	6.78	1,220
7	Illinois				33	11.20	18,581	4	6.76	1,392	761	10.20	370,565
8	Indiana										93	8.99	33,109
9	Iowa				17	7.69	5,923	7	5.12	1,660	1,290	9.51	545,221
10	Kansas				3	3.77	490				190	10.25	71,656
11	Maine	1	20.00	200	3	10.77	1,330				54	9.55	20,328
12	Maryland										34	8.10	10,037
13	Massachusetts	1	10.00	520	3	8.85	1,380				51	12.70	29,547
14	Michigan	1	7.05	275	9	9.73	3,395	1	7.29	300	183	9.64	60,060
15	Minnesota				17	14.11	10,254	2	11.54	1,200	368	11.54	185,679
16	Missouri	1	4.81	250	4	7.14	1,175				89	9.34	29,800
17	Nebraska				7	12.04	3,742				182	10.80	84,672
18	New Hampshire				1	3.08	120				41	11.01	22,049
19	New Jersey										31	9.13	12,101
20	New York	13	7.95	2,868	29	7.01	6,574	3	4.56	613	1,836	8.94	496,150
21	North Dakota										17	11.01	5,703
22	Ohio	1	6.62	330	5	6.46	1,330	1	4.62	200	576	8.05	165,392
23	Oregon										19	10.60	7,715
24	Pennsylvania	1	6.00	312	12	7.71	4,251	1	6.29	150	604	8.20	223,234
25	Rhode Island				1	6.02	300				8	8.51	3,410
26	South Dakota				1	15.11	360				20	10.61	4,828
27	Tennessee										6	10.41	2,030
28	Texas										5	11.22	1,240
29	Utah										5	12.49	2,760
30	Vermont				3	9.92	1,376				214	9.90	66,094
31	Virginia										31	6.30	9,539
32	Washington										3	14.25	1,050
33	West Virginia										4	6.06	630
34	Wisconsin	3	4.94	412	16	7.82	4,823	1	2.88	150	1,059	8.86	314,288
35	All other states										4	12.04	1,252

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled—Continued.						Unskilled.									
Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
428	$5.35	$73,018	63	$2.75	$5,934	3,248	$8.12	$1,152,435	143	$5.48	$34,760	26	$3.93	$4,781	1
2	8.93	600				20	8.42	8,265	2	3.46	360				2
															3
2	8.65	900	1	4.81	256	33	8.93	15,290	2	4.81	500	1	1.85	96	4
						2	4.51	425							5
7	4.32	805													6
63	5.33	16,972	9	2.76	1,194	317	7.60	113,996	14	3.59	2,610	18	4.27	4,000	7
4	7.58	1,175				50	8.84	18,136							8
17	5.90	3,470	3	1.75	190	1,023	8.37	392,659	1	4.62	240				9
6	4.34	696	2	4.23	188	65	7.71	21,088	5	3.12	677				10
4	5.95	361				23	6.63	7,345							11
			1	1.15	60	6	3.41	887							12
2	9.69	420				29	11.27	16,991							13
7	4.24	1,061	3	3.73	420	130	8.19	39,571	10	3.62	1,802				14
4	8.59	1,620	2	2.16	164	401	9.29	165,728				1	1.98	60	15
4	3.99	536	2	0.87	60	61	7.00	19,434							16
4	4.55	523	1	1.38	30	205	7.50	64,681	2	4.81	500				17
5	5.77	1,500	1	2.40	125	4	7.29	821							18
1	4.50	156				4	7.80	1,605							19
188	4.82	27,590	15	2.57	1,106	259	7.55	73,248	82	6.38	21,662	3	4.44	375	20
						7	7.64	1,060							21
16	4.82	2,130	4	3.11	310	169	7.92	56,154	2	2.08	162				22
2	6.30	546				9	6.74	1,518							23
6	3.36	787	5	2.80	612	127	6.42	35,965	17	6.53	5,604	2	2.80	170	24
						6	9.70	2,900							25
1	2.23	29	1	1.73	45	32	9.24	8,180							26
2	3.00	26	1	3.00	13	1	2.77	144							27
						5	5.15	335							28
						6	4.72	1,350							29
15	5.01	2,339	1	1.92	50	30	7.53	8,102	3	2.14	218				30
						5	4.91	1,148							31
															32
															33
66	4.40	8,776	11	3.37	1,117	219	7.90	75,419	3	4.00	425	1	1.54	80	34
															35

TABLE 8.—DETAILED STATEMENT FOR SELECTED

CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.						AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR.		WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK. (a)				
		Pieceworkers.								Males above 16 years.				
		Males above 16 years.		Females above 15 years.		Children.								
		Number.	Total wages.	Number.	Total wages.	Number.	Total wages.	May to November.	November to May.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.
1	The United States	250	$84,217	119	$27,648	11	$251	11.09	10.03	13,286	1,065	963	1,161	1,493
2	California							10.66	9.69	50			1	12
3	Colorado							11.83	10.80	20				
4	Connecticut	6	2,240					10.71	9.89	149	11	9	8	5
5	Delaware							10.80	9.75	19	2	2	1	6
6	Idaho							12.40	10.25	9		1	2	3
7	Illinois	89	38,336	73	20,545			10.14	9.59	1,270	76	85	90	197
8	Indiana	8	4,000					10.85	9.69	175	27	14	16	23
9	Iowa	21	3,115					12.58	9.71	2,496	195	185	246	303
10	Kansas	3	144					10.42	9.41	296	23	17	33	33
11	Maine	3	1,850					9.83	9.56	92	12	8	8	11
12	Maryland	1	80					10.67	9.38	54	15	3	3	1
13	Massachusetts	2	1,164					10.24	9.98	86		4	2	3
14	Michigan	4	2,300	16	5,203			10.30	9.77	382	45	28	27	42
15	Minnesota	7	450					10.61	9.89	839	30	30	45	35
16	Missouri	1	40					10.33	9.53	178	23	26	12	10
17	Nebraska	4	320	20	250	10	150	10.06	9.78	434	11	79	48	38
18	New Hampshire							9.91	10.38	60	2		3	5
19	New Jersey							11.38	9.38	38	1	1	2	8
20	New York	67	18,955	10	1,650	1	101	11.20	10.43	2,693	268	158	196	291
21	North Dakota	1	50					11.10	11.00	25	1	3	1	2
22	Ohio	7	4,200					11.40	10.04	859	90	59	111	146
23	Oregon							11.08	9.78	30		6	2	8
24	Pennsylvania	5	775					10.13	9.72	867	89	99	99	107
25	Rhode Island							10.25	9.50	19	2	1	1	3
26	South Dakota	1	40					11.00	8.86	57	1	6	1	2
27	Tennessee	1	36					10.00	10.00	7	1	2		1
28	Texas							9.33	9.00	10	1		5	
29	Utah							10.00	9.00	12	1	5	1	
30	Vermont							10.17	9.66	291	20	9	22	39
31	Virginia	5	1,000					10.50	9.67	39	6	15	4	8
32	Washington							7.67	11.33	4			1	
33	West Virginia							12.33	10.00	4		3		1
34	Wisconsin	14	5,122					11.22	10.38	1,718	112	105	170	149
35	All other states							9.67	9.33	4				1

a In comparing the weekly rates of wages and the number of employés at each rate with the average weekly earnings, it must be remembered that it is not practicable to obtain true average weekly earnings from the table of weekly rates, because the term of employment varies for the employés at the respective rates.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Males above 16 years—Continued.							Females above 15 years.										
$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	
1,782	1,509	2,450	1,868	807	132	56	614	299	130	59	34	48	15	15	12	1	1	1
6	3	12	9	5	2	.....	4	2	.....	.....	.....	1	.....	1	.....	.....	.....	2
.....	.....	6	6	5	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
6	22	33	26	27	1	1	5	3	.....	.....	.....	2	.....	.....	.....	.....	.....	4
3	.....	4	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	2	1	.....	.....	.....	.....	7	4	3	.....	.....	.....	.....	.....	.....	.....	.....	6
174	97	217	141	147	33	13	81	22	52	1	.....	4	1	1	.....	.....	.....	7
10	17	21	37	8	2	.....	4	1	1	.....	1	.....	.....	1	.....	.....	.....	8
289	365	445	365	79	21	3	25	9	8	1	2	3	1	1	.....	.....	.....	9
36	34	40	43	32	3	2	11	10	.....	.....	.....	.....	.....	.....	1	.....	.....	10
6	9	21	10	5	2	.....	5	2	1	.....	.....	.....	.....	.....	1	.....	1	11
6	8	10	5	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
8	7	21	21	19	1	.....	3	.....	.....	.....	1	.....	.....	.....	2	.....	.....	13
34	32	92	47	31	4	.....	19	12	.....	4	3	.....	.....	.....	.....	.....	.....	14
75	72	216	269	52	7	8	6	1	.....	1	.....	.....	1	2	.....	1	.....	15
38	5	28	15	21	.....	.....	5	3	.....	1	.....	1	.....	.....	.....	.....	.....	16
39	9	81	85	33	9	2	6	5	.....	1	.....	.....	.....	.....	.....	.....	.....	17
4	10	13	12	9	.....	2	5	.....	3	1	1	.....	.....	.....	.....	.....	.....	18
9	6	6	2	3	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
380	319	562	337	149	20	13	286	138	40	38	18	28	11	8	5	.....	.....	20
.....	5	5	2	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
120	64	119	112	28	5	5	20	12	4	2	.....	.....	1	.....	1	.....	.....	22
.....	5	2	4	2	1	.....	2	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	23
136	125	107	67	32	4	2	25	13	1	2	.....	9	.....	.....	.....	.....	.....	24
.....	2	4	3	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
10	4	16	11	4	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	1	2	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
.....	.....	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
31	32	61	55	18	3	1	18	11	4	1	.....	.....	.....	.....	2	.....	.....	30
4	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
258	254	302	177	83	7	1	73	47	13	4	8	.....	.....	1	.....	.....	.....	34
.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35

TABLE 8.—DETAILED STATEMENT FOR SELECTED

CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT—Continued.

	STATES AND TERRITORIES.	WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.			MATERIALS USED.					
		Children.			Aggregate cost.	In making cheese.				
		Total number.	Under $5.	$5 and over but under $6.		Total cost.	Milk.		Cost of materials furnished by factory patrons.	Cost of all other materials.
							Pounds.	Cost.		
1	The United States....	89	84	5	$49,819,301	$16,953,992	2,684,550,517	$16,320,590	$38,295	$595,107
2	California				131,283	90,256	10,491,150	88,428	259	1,569
3	Colorado				75,226	4,188	432,538	4,033		95
4	Connecticut	2	2		700,038	17,776	1,500,963	17,407	40	320
5	Delaware				107,542					
6	Idaho				11,461	8,817	1,166,400	8,177		640
7	Illinois	27	27		6,582,144	500,508	120,558,110	459,580	8,129	32,799
8	Indiana				293,599	61,251	8,782,165	57,729		3,522
9	Iowa	3	3		8,360,689	305,553	47,747,209	293,182	930	11,441
10	Kansas	2	2		713,677	117,218	10,747,518	111,053	250	5,915
11	Maine				334,403	67,501	7,147,834	64,528	100	2,873
12	Maryland	1	1		160,280	1,015	140,000	980		35
13	Massachusetts				484,798	19,804	1,912,882	19,706		98
14	Michigan	3	3		946,152	357,777	51,110,941	345,408	100	12,269
15	Minnesota	3	3		2,168,307	266,352	36,393,752	249,431	99	16,822
16	Missouri	2	2		299,925	96,661	15,132,900	92,867	200	3,594
17	Nebraska	1	1		868,839	58,142	7,810,632	56,405		1,737
18	New Hampshire	1	1		420,767	8,187	1,031,672	8,087		100
19	New Jersey				120,223	16,732	6,358,986	15,440	400	892
20	New York	18	15	3	12,362,992	8,947,777	1,231,372,777	8,656,490	10,086	281,201
21	North Dakota				67,528	3,234	466,000	3,012		222
22	Ohio	4	4		2,481,872	1,474,402	447,907,722	1,413,303		61,099
23	Oregon				45,265	16,763	2,258,128	16,073	500	190
24	Pennsylvania	7	6	1	4,433,395	337,310	52,252,171	324,303		13,007
25	Rhode Island				71,894	13,950	3,000,000	12,750		1,200
26	South Dakota	1	1		76,157	16,595	2,384,308	16,161		434
27	Tennessee	1	1		15,176	1,842	375,600	1,722		120
28	Texas				7,277					
29	Utah				13,359	1,109	132,000	1,056		53
30	Vermont	1	1		1,387,445	452,687	54,480,987	437,381	1,170	14,127
31	Virginia				158,226	7,000	1,108,000	6,790		210
32	Washington				24,475	23,800	2,497,500	22,625		1,175
33	West Virginia				5,242	1,730	210,000	1,672		58
34	Wisconsin	12	11	1	5,876,630	3,657,140	548,309,522	3,513,851	16,023	127,266
35	All other states				7,015	915	150,000	900		15

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT—Continued.

MATERIALS USED—continued.

In making butter.							In making condensed milk.			
Total cost.	Gathered cream.		Milk.		Cost of materials furnished by factory patrons.	Cost of all other materials.	Total cost.	Milk.		
	Pounds.	Cost.	Pounds.	Cost.				Pounds.	Cost.	
$29,538,827	483,630,741	$15,041,611	1,893,319,242	$13,355,343	$59,476	$1,082,397	$2,792,086	83,617,655	$1,264,103	1
37,540			6,099,200	35,253		2,287				2
69,978	1,336,964	63,883	697,000	4,450		1,645				3
675,991	10,110,252	475,001	20,080,498	189,310	1,093	10,677				4
106,527			11,090,868	104,383		2,139				5
2,494	52,000	2,160	41,250	301		33				6
4,278,168	55,742,452	1,905,963	308,909,341	2,227,758	19,448	124,969	1,723,948	37,764,973	682,716	7
234,595	6,433,456	208,513	2,188,293	16,800		9,282				8
7,953,360	169,362,677	3,994,385	597,577,868	3,586,534	30,148	342,293				9
578,866	6,505,719	199,816	63,773,490	356,976	2,500	20,074				10
264,062	5,812,194	234,420	3,090,200	22,686	350	6,606				11
156,553	567,016	18,337	17,723,710	133,981		4,235				12
443,040	6,706,019	327,845	10,944,775	102,408		12,787	16,032	2,000,000	16,000	13
313,435	9,071,178	303,273	50,000	225		9,937	261,778	11,046,652	97,845	14
1,884,250	49,118,512	1,583,346	42,512,940	214,311	1,635	84,908				15
197,208	4,336,470	120,551	10,480,913	65,425		5,232				16
800,387	23,992,566	740,270	1,634,100	8,574	28	51,515				17
408,501	3,432,195	108,809	30,918,041	283,793		15,899				18
101,758	1,649,851	48,287	6,776,957	46,941		6,530				19
2,510,737	26,640,923	985,903	203,299,009	1,433,205	841	90,788	786,368	32,806,030	467,542	20
63,334	1,950,819	60,790				2,544				21
983,077	26,233,927	852,349	10,963,050	64,213		36,515				22
27,577	156,304	6,627	2,543,900	20,658	25	267				23
4,043,990	26,281,483	1,030,284	324,705,929	2,908,699	591	109,505				24
55,574	1,014,695	52,654				2,920				25
58,507	2,104,582	55,532	150,000	375		2,600				26
13,092	66,512	3,130	1,200,450	9,659		303				27
7,022	77,000	3,082	562,500	3,780		160				28
12,125	152,150	7,160	480,000	4,800		165				29
924,451	7,170,185	290,563	83,482,496	609,039	1,450	23,399				30
149,639	1,651,755	69,133	10,477,500	76,100		4,406				31
450			37,500	375		73				32
3,432			450,000	3,375		57				33
2,168,107	35,738,285	1,257,145	120,377,455	821,041	1,407	88,514				34
6,000	163,500	5,900				100				35

TABLE 8.—DETAILED STATEMENT FOR SELECTED

CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT—Continued.

	STATES AND TERRITORIES.	MATERIALS USED—continued.					PRODUCTS.			
		In making condensed milk—Continued.			Fuel.	Rent of power and heat.	Aggregate value.	Cheese.		
		Sugar.		Cost of all other materials.				Total value.	Full cream.	
		Pounds.	Cost.		Cost.	Cost.			Pounds.	Value.
1	The United States	13,372,365	$895,753	$632,230	$526,844	$7,552	$60,635,705	$19,802,951	184,158,174	$16,112,871
2	California				3,487		172,579	125,432	1,091,222	125,432
3	Colorado				1,060		110,924	5,340	44,500	5,340
4	Connecticut				6,271		881,327	30,748	44,563	4,389
5	Delaware				1,015		124,780			
6	Idaho				150		17,805	14,360	116,640	14,360
7	Illinois	8,524,930	561,532	482,700	76,005	515	8,004,991	599,369	2,048,434	173,345
8	Indiana				3,753		402,556	80,804	323,903	29,523
9	Iowa				99,714	2,062	10,545,182	417,299	4,302,769	378,754
10	Kansas				16,993	600	919,787	164,986	1,835,236	161,088
11	Maine				2,840		401,626	78,941	755,761	78,941
12	Maryland				2,712		202,288	1,680		
13	Massachusetts	9,900	792	200	4,462	500	576,742	23,917	250,574	23,435
14	Michigan	1,422,541	110,454	53,479	12,922	240	1,179,139	440,065	5,041,778	440,065
15	Minnesota				14,455	3,250	2,958,476	320,342	3,543,103	314,880
16	Missouri				6,056		400,551	124,592	1,361,334	123,669
17	Nebraska				10,210	100	1,183,000	77,124	804,618	77,124
18	New Hampshire				4,079		494,466	8,972	103,386	8,972
19	New Jersey				1,733		146,394	23,224		
20	New York	3,414,994	222,975	95,851	118,000	110	14,385,966	10,172,001	100,597,000	8,905,014
21	North Dakota				960		85,140	4,760	49,000	4,760
22	Ohio				24,293	100	3,001,606	1,749,419	7,739,224	665,773
23	Oregon				925		66,426	27,978	230,540	27,978
24	Pennsylvania				47,095		5,319,434	390,953	3,874,914	343,004
25	Rhode Island				2,370		91,322	15,000		
26	South Dakota				1,055		100,884	23,199	205,812	19,599
27	Tennessee				242		18,605	2,191		
28	Texas				255		10,373			
29	Utah				125		18,650	1,650	13,200	1,650
30	Vermont				10,307		1,602,641	514,067	5,288,927	487,067
31	Virginia				1,587		202,544	8,300	109,000	8,309
32	Washington				225		33,100	32,650	249,700	32,650
33	West Virginia				80		6,540	2,009		
34	Wisconsin				51,308	75	6,980,711	4,320,338	44,133,036	3,657,759
35	All other states				100		9,150	1,250		

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT—Continued.

PRODUCTS—continued.									
Cheese—Continued.				Butter.		Condensed milk.		Value of skimmed milk sold, fed, or returned to patrons.	Value of all other products.	
Skim.		All other cheese.								
Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.			
22,467,132	$1,230,297	31,409,759	$2,459,783	181,284,916	$36,675,411	37,926,821	$3,586,927	$308,788	$261,628	1
				271,767	46,822				325	2
				339,000	84,637			1,687	19,260	3
16,302	1,303	135,000	25,056	3,173,164	834,097			6,819	9,663	4
				466,761	122,940			1,840		5
				13,650	3,070				375	6
7,569,543	410,279	387,500	15,745	25,553,422	5,308,633	23,080,064	2,012,500	78,876	5,613	7
10,000	900	496,649	50,381	1,677,088	319,293			75	2,384	8
39,474	2,490	363,333	36,055	53,143,140	10,055,001			54,182	18,700	9
138,900	3,898			4,317,876	739,789			10,872	4,140	10
				1,406,041	318,230			92	4,363	11
		14,000	1,680	847,277	191,178			2,805	6,625	12
12,059	482			2,051,597	516,213	72,800	21,840	4,422	10,350	13
				2,145,731	409,324	3,715,280	324,873	160	4,717	14
32,000	1,920	40,425	3,542	13,911,095	2,623,673			2,475	11,986	15
23,063	923			1,529,647	267,197			3,124	5,638	16
				6,076,783	1,100,320			44	5,512	17
				1,919,590	474,164			10,500	830	18
563,628	23,224			499,531	118,036			974	4,160	19
11,375,541	650,706	7,789,955	616,281	14,485,702	2,880,332	11,058,677	1,227,714	57,034	48,885	20
				446,296	80,215				165	21
463,938	36,147	12,982,809	1,047,499	6,532,485	1,238,635			419	13,133	22
				138,468	37,779			75	594	23
952,853	31,513	191,070	16,436	19,390,387	4,822,455			47,744	58,282	24
309,000	15,000			233,783	64,836				11,486	25
		45,000	3,600	532,513	77,685					26
		31,300	2,191	65,990	15,914				500	27
				44,689	10,073				300	28
				55,800	16,650			100	250	29
		293,400	27,000	5,085,377	1,082,691			3,781	2,102	30
				811,890	193,897				347	31
				1,500	450					32
		21,000	2,000	18,000	4,000				540	33
969,741	51,512	8,605,818	611,067	14,059,876	2,609,382			20,688	10,303	34
		12,500	1,250	39,000	7,800				100	35

TABLE 8.—DETAILED STATEMENT FOR SELECTED

FLOURING AND GRIST MILL PRODUCTS.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.								
			Aggregate.	Value of plant.				Live assets.			
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Total.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	The United States....	18,470	$208,473,500	$136,539,851	$23,776,931	$41,730,612	$71,032,308	$71,933,649	$23,531,593	$11,353,413	$37,048,643
2	Alabama	702	1,410,730	1,201,673	215,227	370,585	615,861	209,057	39,473	23,415	146,169
3	Arkansas	376	975,616	817,951	72,754	205,870	539,327	157,665	47,947	11,382	98,336
4	California	101	6,126,305	3,091,575	690,825	841,100	1,559,650	3,034,730	1,205,149	313,639	1,515,942
5	Colorado	33	2,135,085	1,295,600	269,600	432,700	593,300	839,485	412,545	121,290	305,650
6	Connecticut	177	1,516,008	853,107	219,325	364,785	277,997	662,901	231,235	48,508	383,158
7	Delaware	56	1,127,592	717,965	138,040	234,550	345,375	409,627	130,367	66,171	213,089
8	District of Columbia	6	698,417	285,000	96,000	36,000	153,000	413,417	54,100	139,100	220,217
9	Florida	60	143,884	115,598	16,243	30,650	68,705	28,286	4,657	678	22,951
10	Georgia	719	2,347,835	1,881,204	443,113	570,876	867,215	466,631	146,017	52,347	268,267
11	Idaho	13	228,405	170,910	15,410	55,668	99,832	57,495	15,930	16,570	24,995
12	Illinois	647	13,101,860	8,850,629	1,523,662	2,608,044	4,718,923	4,251,231	1,435,569	665,877	2,149,794
13	Indiana	723	10,022,173	7,083,517	893,408	1,985,025	4,205,084	2,938,656	995,671	489,034	1,453,951
14	Iowa	441	6,696,759	4,779,516	810,610	1,451,989	2,516,917	1,917,243	653,894	280,706	982,643
15	Kansas	348	7,844,280	5,085,043	798,485	1,400,039	2,886,519	2,759,237	678,741	469,394	1,611,102
16	Kentucky	505	4,285,649	2,865,558	375,522	919,770	1,570,266	1,420,091	401,645	240,274	778,172
17	Louisiana	19	33,995	28,070	2,160	4,950	20,960	5,925	1,235	465	4,225
18	Maine	210	1,194,999	674,817	161,350	242,322	271,145	520,083	175,832	44,556	299,695
19	Maryland	335	3,007,730	1,835,899	247,027	586,787	1,002,085	1,171,831	372,065	183,105	616,661
20	Massachusetts	238	2,908,303	1,299,336	354,821	495,022	439,593	1,617,967	519,389	123,659	974,919
21	Michigan	544	8,472,852	6,175,179	1,115,878	1,606,482	3,452,819	2,297,673	729,578	450,720	1,117,375
22	Minnesota	307	19,518,743	10,821,710	1,645,721	2,838,261	6,337,728	8,697,033	4,545,327	1,777,971	2,373,735
23	Mississippi	408	652,663	582,979	73,216	154,487	355,276	69,684	15,061	3,075	51,548
24	Missouri	710	12,630,645	7,297,422	928,172	2,035,988	4,333,262	5,333,223	1,547,599	796,825	2,988,799
25	Montana	7	277,900	123,510	22,460	43,500	57,550	154,390	42,375	51,615	60,460
26	Nebraska	185	3,586,090	2,555,245	401,410	727,055	1,426,780	1,030,845	302,603	219,928	508,314
27	New Hampshire	121	905,075	481,675	123,855	167,375	190,445	423,400	132,791	28,213	262,396
28	New Jersey	228	2,816,221	1,784,745	422,755	701,450	660,540	1,031,476	361,303	110,396	559,777
29	New Mexico	18	181,050	132,587	10,800	45,000	76,787	48,463	19,123	19,390	9,950
30	New York	1,235	21,128,597	12,833,987	2,927,600	4,266,898	5,639,489	8,294,610	2,017,555	1,185,365	5,091,690
31	North Carolina	1,039	2,334,130	2,122,316	463,604	629,600	1,029,112	211,814	62,106	30,168	119,540
32	North Dakota	35	1,154,040	564,245	35,770	200,175	328,300	589,795	180,730	79,075	329,990
33	Ohio	910	13,472,455	9,219,621	1,077,565	2,779,612	5,362,444	4,252,834	1,267,021	731,041	2,254,772
34	Oregon	86	2,247,389	1,426,143	210,330	418,750	797,063	821,246	193,994	157,176	470,076
35	Pennsylvania	2,226	21,079,642	14,036,517	2,568,364	5,191,047	6,277,106	7,043,125	1,956,545	815,762	4,270,818
36	Rhode Island	31	391,102	138,670	42,490	49,080	47,100	252,432	96,417	25,807	130,208
37	South Carolina	512	984,791	836,217	188,312	232,225	415,680	148,574	49,345	31,026	67,693
38	South Dakota	62	1,128,554	794,855	80,330	223,625	490,900	333,699	102,225	76,308	155,166
39	Tennessee	918	4,964,437	3,461,355	770,507	1,071,080	1,819,768	1,303,082	301,525	196,133	805,424
40	Texas	690	4,052,802	3,004,700	382,809	786,864	1,835,027	1,048,102	371,420	217,404	459,278
41	Utah	49	884,098	684,400	223,850	167,600	292,950	199,698	50,666	34,109	114,923
42	Vermont	217	1,343,356	904,719	151,265	393,210	360,244	438,637	155,840	35,784	247,013
43	Virginia	1,179	5,498,057	4,417,252	858,353	1,712,690	1,846,209	1,080,805	302,861	182,697	595,247
44	Washington	38	1,140,630	651,929	133,054	192,425	326,450	488,701	139,941	109,946	239,714
45	West Virginia	496	1,767,003	1,405,749	236,184	431,738	737,877	361,254	107,010	32,785	221,459
46	Wisconsin	497	9,804,761	6,783,707	1,338,577	1,767,482	3,677,648	3,021,054	923,985	653,461	1,443,608
47	Wyoming	6	128,225	89,019	5,738	35,781	47,500	39,206	14,225	7,275	17,706
48	All other territories (a)	7	122,666	85,430	4,030	23,600	57,900	37,236	20,970	4,088	12,178

a Includes establishments distributed as follows: Arizona, 5; Indian territory, 2.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

FLOURING AND GRIST MILL PRODUCTS.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS.					
								Aggregates.		Officers or firm members actively engaged in the industry or in supervision.			
										Males above 16 years.			
Total.	Rent paid for tenancy.	Taxes.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
$13,162,037	$889,714	$1,249,220	$2,264,888	$2,887,138	$14,212	$2,548,547	$3,308,318	63,481	$27,035,742	13,606	$14.47	$7,132,949	1
56,535	8,957	8,433	7,598	22,180	88	3,638	5,641	1,442	266,459	382	19.20	101,290	2
53,898	2,825	6,378	5,331	15,371	.....	8,013	15,980	992	169,790	242	12.90	58,101	3
434,921	25,336	49,270	81,020	92,839	.....	81,054	105,402	1,944	817,691	97	44.90	169,477	4
126,540	650	17,026	34,709	33,270	.....	30,676	10,209	291	199,780	26	27.43	31,024	5
61,924	11,444	7,890	10,661	13,112	.....	8,802	10,015	450	225,562	142	14.20	84,063	6
43,952	9,142	3,969	7,123	15,504	.....	5,895	2,319	201	90,992	38	15.56	25,101	7
30,748	7,790	1,170	2,668	7,120	.....	3,800	8,200	149	85,718	6	39.91	11,500	8
5,850	809	1,412	330	2,293	.....	294	712	100	30,438	33	13.04	8,025	9
103,985	11,663	20,165	12,821	28,285	.....	9,577	22,074	1,394	301,342	288	19.22	86,141	10
8,270	.....	2,169	1,986	2,225	.....	2,040	750	63	31,333	10	21.02	6,990	11
905,299	59,175	80,195	181,783	199,545	12	164,980	220,506	4,385	2,948,716	635	17.28	426,699	12
723,134	36,905	67,319	136,601	167,803	200	132,417	181,889	3,640	1,606,892	731	15.35	443,652	13
363,993	19,863	44,305	62,077	88,927	.....	63,111	85,710	1,749	788,872	496	14.09	219,811	14
599,986	33,947	57,572	97,135	118,567	.....	143,529	149,236	2,060	1,053,505	546	17.61	247,110	15
272,883	9,771	23,183	50,692	61,731	100	69,759	57,647	1,816	633,747	403	13.77	187,779	16
1,680	470	299	288	453	.....	100	70	48	7,619	7	19.14	813	17
53,632	11,594	8,589	7,711	14,667	.....	5,693	5,387	463	186,420	194	11.92	84,811	18
236,607	40,421	19,191	32,403	44,923	.....	42,020	57,649	932	406,353	241	12.60	116,467	19
169,674	35,503	17,451	19,499	27,958	125	27,213	41,925	770	386,153	196	13.63	114,631	20
528,927	30,697	60,489	91,289	105,738	600	106,890	133,242	2,425	1,093,861	472	14.65	280,098	21
1,712,017	20,598	97,165	290,251	355,551	175	433,776	505,501	4,038	2,243,855	335	23.51	393,148	22
25,902	1,096	4,941	3,607	12,087	100	1,593	1,579	980	125,293	197	9.87	34,135	23
966,124	49,748	67,443	171,377	215,049	100	165,900	296,507	3,855	1,811,305	650	17.19	412,614	24
6,037	25	2,271	540	2,165	.....	35	1,601	34	27,651	8	26.79	7,458	25
204,134	6,235	21,304	38,173	42,285	.....	55,875	40,262	922	475,741	179	16.48	119,435	26
44,742	6,875	5,243	5,522	9,622	.....	14,492	2,988	265	123,790	83	12.21	39,353	27
147,020	30,377	15,066	17,464	30,245	.....	21,995	32,773	707	336,076	180	13.06	106,713	28
14,197	425	2,651	1,388	4,370	.....	1,198	4,255	56	22,847	11	19.45	6,910	29
1,419,681	108,242	101,268	230,232	258,201	7,030	265,793	439,906	4,607	2,430,231	950	16.44	630,068	30
67,793	2,825	11,789	7,981	33,898	25	6,945	6,130	1,721	391,576	585	9.77	179,541	31
82,509	10,980	9,071	16,653	20,736	1,000	19,991	4,078	275	151,650	36	20.97	30,892	32
908,517	59,278	102,770	167,244	189,931	.....	130,644	267,650	4,296	2,008,630	816	15.32	509,563	33
189,421	8,735	12,384	26,790	36,949	.....	51,675	52,978	309	237,935	109	19.06	70,245	34
865,868	156,100	88,477	116,910	212,445	864	117,627	173,445	5,149	2,102,181	1,604	11.69	726,438	35
24,012	4,278	1,296	3,602	4,484	.....	4,679	5,673	135	76,252	27	18.03	21,311	36
31,854	4,694	6,442	1,969	12,990	.....	2,959	2,809	906	163,747	264	9.59	79,492	37
63,283	134	19,807	16,705	12,815	.....	14,068	8,814	325	167,000	64	17.04	44,644	38
184,936	5,118	31,397	62,788	45,260	50	35,979	14,344	2,050	643,012	572	11.52	197,806	39
260,816	12,802	27,238	48,845	56,426	.....	65,337	50,168	1,965	531,940	313	15.39	101,330	40
30,512	650	4,918	6,625	9,785	.....	2,371	6,163	177	94,328	40	16.31	25,243	41
49,966	3,620	7,681	10,027	14,325	.....	6,957	7,296	405	162,966	145	11.16	62,876	42
279,669	9,105	34,986	37,833	76,433	.....	28,305	93,007	2,200	657,591	685	10.97	251,783	43
85,764	1,300	8,407	17,180	10,604	.....	32,712	15,561	222	140,865	45	21.32	37,347	44
64,298	5,273	12,824	8,619	21,711	.....	9,442	6,429	930	277,154	372	10.76	130,293	45
646,648	23,540	62,500	121,807	134,785	3,734	148,004	152,188	2,300	1,172,595	438	15.65	300,488	46
6,744	.....	1,804	1,490	725	.....	2,350	375	18	11,495	4	15.54	2,340	47
7,095	1,300	620	1,350	750	.....	1,200	1,875	31	17,693	9	17.68	6,780	48

TABLE 8.—DETAILED STATEMENT FOR SELECTED **FLOURING AND GRIST MILL PRODUCTS**—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.											
		Officers or firm members actively engaged in the industry or in supervision—Continued.			Clerks.						Operatives and skilled.		
		Females above 15 years.			Males above 16 years.			Females above 15 years.			Males above 16 years.		
		Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
1	The United States	25	$12.94	$14,748	2,306	$15.78	$1,691,160	141	$8.86	$58,483	33,435	$10.13	$13,188,885
2	Alabama				17	11.50	8,035				819	6.91	130,238
3	Arkansas				8	19.04	4,250				601	7.58	88,675
4	California				88	20.40	86,330	4	12.55	2,584	421	17.60	289,544
5	Colorado				19	22.02	19,202				154	15.97	93,554
6	Connecticut	1	6.00	312	20	12.05	12,112	1	8.00	416	212	10.21	97,326
7	Delaware				13	16.26	9,300				81	9.49	32,329
8	District of Columbia				19	16.56	15,718				38	15.14	28,020
9	Florida				2	17.50	1,820				119	7.32	16,249
10	Georgia	1	6.15	100	26	15.01	16,909	1	7.02	228	879	6.14	190,985
11	Idaho				1	16.49	500				42	15.53	21,295
12	Illinois	2	10.05	980	183	15.99	132,663	15	10.92	7,420	2,235	11.29	1,013,123
13	Indiana	3	17.35	1,880	113	14.83	72,896	8	6.22	2,250	1,935	10.12	805,282
14	Iowa	2	11.71	1,104	88	14.29	58,453	5	8.39	2,090	853	11.05	379,281
15	Kansas	3	15.55	2,224	94	15.60	68,983	3	7.45	1,130	1,006	12.11	506,970
16	Kentucky	1	7.00	364	82	13.01	48,748	2	10.31	1,050	924	8.43	289,294
17	Louisiana										35	7.67	6,314
18	Maine				16	8.67	5,965	1	5.77	300	185	8.92	69,964
19	Maryland				66	15.37	49,823				457	8.85	181,531
20	Massachusetts				41	10.27	18,075	9	8.26	3,123	320	11.02	156,207
21	Michigan	2	10.06	1,024	88	12.90	51,318	11	8.08	4,353	1,349	10.20	583,775
22	Minnesota				188	23.16	189,282	6	12.89	3,310	2,269	13.39	1,259,100
23	Mississippi				6	13.53	3,108				604	5.72	72,775
24	Missouri				186	17.10	145,530	8	10.54	4,160	1,955	11.22	862,323
25	Montana				2	25.05	2,280				14	21.32	11,962
26	Nebraska				47	14.81	31,118	6	7.35	1,880	476	12.14	246,612
27	New Hampshire				7	14.58	5,180	1	10.00	520	123	10.28	56,149
28	New Jersey	2	9.62	1,000	25	11.40	14,520				391	9.13	174,852
29	New Mexico							1	4.62	65	40	12.64	14,792
30	New York	4	19.55	3,686	244	15.96	192,125	11	8.24	4,284	2,255	10.89	1,144,977
31	North Carolina	2	9.00	936	10	10.81	5,153				1,024	5.99	191,259
32	North Dakota				19	14.27	12,800				149	13.27	82,293
33	Ohio	2	14.59	1,138	148	14.37	100,632	19	8.84	7,590	2,130	10.00	944,768
34	Oregon				17	21.84	15,119	1	28.40	1,200	201	14.12	117,868
35	Pennsylvania				154	13.22	101,416	13	6.59	4,336	2,662	8.69	1,027,428
36	Rhode Island				10	12.01	6,244				55	10.41	28,271
37	South Carolina				12	12.21	6,929				548	4.90	74,132
38	South Dakota				9	12.87	5,270	1	17.49	720	210	12.91	103,539
39	Tennessee				54	15.66	39,388	7	7.86	2,860	994	7.46	264,831
40	Texas				26	17.38	21,610				1,352	10.35	334,896
41	Utah				4	21.39	3,800				102	12.87	55,365
42	Vermont				8	10.42	4,223	1	3.50	182	218	8.68	85,395
43	Virginia				40	11.66	22,354				1,226	6.78	319,601
44	Washington				7	21.71	5,550				114	15.96	73,916
45	West Virginia				13	9.69	5,902				486	7.38	128,423
46	Wisconsin				88	17.30	70,527	6	8.50	2,432	1,137	10.71	554,572
47	Wyoming										12	15.06	8,255
48	All other territories										18	13.00	9,575

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

FLOURING AND GRIST MILL PRODUCTS—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled—Continued.						Unskilled.									
Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
109	$5.87	$26,025	121	$2.74	$11,771	12,457	$8.37	$4,566,383	106	$5.08	$23,740	83	$3.10	$9,947	1
			1	3.99	134	193	4.98	25,005	3	2.31	180	5	1.80	148	2
			6	4.02	218	122	6.35	17,426				2	3.85	100	3
1	5.45	260	4	5.08	1,002	420	13.42	265,498	2	5.77	600	2	4.62	120	4
			1	6.00	312	90	13.06	55,638							5
			1	1.44	75	72	9.33	31,058	1	4.40	200				6
						65	7.81	22,662				3	4.62	600	7
						86	7.16	30,480							8
1	5.13	50				30	5.80	3,969							9
2	4.00	156	20	1.85	1,202	173	5.13	35,471				1	3.08	120	10
						8	8.44	1,828							11
18	5.58	5,002	11	2.77	1,068	1,109	8.75	407,558	6	5.62	1,608	7	2.87	1,012	12
11	5.10	2,641	2	5.21	350	781	7.83	258,850	3	5.65	600	5	2.95	550	13
			4	2.35	298	350	7.92	120,963	1	3.85	200	7	3.50	1,137	14
2	4.66	333	2	1.50	156	597	8.14	223,114	1	4.33	150	4	1.96	380	15
4	2.92	215	9	2.06	628	356	6.69	103,924				2	2.88	300	16
						5	3.59	342							17
						71	7.12	24,535							18
			3	0.95	62	140	7.46	51,725	1	3.37	175	1	1.50	78	19
4	6.02	1,018				192	9.51	89,699							20
2	4.33	450	6	2.73	526	460	8.26	161,105	1	4.17	208	3	3.53	306	21
1	5.00	195				1,132	6.57	452,300	2	4.62	360	3	0.96	100	22
1	4.62	80				129	4.84	13,236				2	3.00	91	23
4	6.46	728	9	2.25	647	925	8.49	353,058	1	2.88	75	7	3.69	1,104	24
						10	13.37	5,951							25
						194	8.14	73,028				5	3.53	918	26
						35	9.20	16,238							27
1	4.62	200	2	2.99	304	99	7.19	36,417	1	5.77	300				28
						4	6.92	1,080							29
15	8.44	6,580	4	3.73	760	1,019	8.35	414,696	13	1.52	1,024	2	2.50	260	30
1	1.54	50	2	2.88	150	70	4.80	12,322				1	4.62	240	31
			2	6.38	387	69	9.04	25,368							32
23	6.20	5,750	5	2.65	604	993	8.61	388,134	70	5.95	18,060				33
						66	9.33	26,386				1	2.40	125	34
8	4.39	1,679	13	2.72	1,669	665	7.34	233,334				7	3.36	984	35
			1	5.02	250	42	9.36	20,176							36
			4	1.43	254	57	4.96	11,198							37
3	6.67	390				38	7.67	12,437							38
			1	2.15	35	391	7.28	120,922				2	2.31	200	39
1	3.08	40	5	2.01	150	245	8.56	72,611				5	4.05	158	40
						27	7.71	9,345							41
1	10.99	250				31	6.57	9,840							42
1	1.97	98				224	5.67	58,511				4	3.54	656	43
						41	13.46	20,415							44
1	1.00	52				53	5.66	11,563							45
3	5.51	710	2	3.73	380	573	8.52	225,879				2	2.50	260	46
						2	8.65	900							47
			1	3.45	150	3	8.06	1,188							48

TABLE 8.—DETAILED STATEMENT FOR SELECTED

FLOURING AND GRIST MILL PRODUCTS—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.						AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR.		WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK. (a)				
		Pieceworkers.								Males above 16 years.				
		Males above 16 years.		Females above 15 years.		Children.								
		Number.	Total wages.	Number.	Total wages.	Number.	Total wages.	May to November.	November to May.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.
1	The United States	937	$291,197	93	$19,488	• 2	$66	10.62	10.32	61,804	5,375	3,633	5,338	6,237
2	Alabama	22	1,429					10.10	9.59	1,411	324	147	165	147
3	Arkansas	11	1,020					9.96	9.73	973	135	131	161	86
4	California	1	276	4	2,000			10.75	10.65	1,026	1	2	14	19
5	Colorado	1	50					11.28	10.91	289	2		12	1
6	Connecticut							9.94	9.75	440	15	16	32	34
7	Delaware	1	100					11.35	10.50	197	11	21	17	7
8	District of Columbia							12.00	11.33	149	1	7	8	43
9	Florida	5	325					10.40	10.07	184	34	19	17	20
10	Georgia	3	30					10.46	9.74	1,366	422	267	134	224
11	Idaho	2	720					11.23	11.54	61		3		1
12	Illinois	162	50,683	2	900			10.56	10.23	4,162	155	136	323	490
13	Indiana	47	17,916	1	25			10.84	10.43	3,560	168	174	355	510
14	Iowa	10	2,675	23	2,800			10.42	10.16	1,697	88	73	129	137
15	Kansas	11	2,955					10.79	10.67	2,043	84	66	159	217
16	Kentucky	33	10,445					10.43	9.70	1,765	290	167	252	222
17	Louisiana	1	150					10.21	9.93	47	13	4	2	9
18	Maine	6	845					10.18	9.82	456	27	27	54	53
19	Maryland	13	4,392	10	2,100			11.28	11.31	904	96	69	102	83
20	Massachusetts	8	4,000					10.14	9.90	749	11	18	23	57
21	Michigan	31	10,698					10.35	10.30	2,369	71	76	191	324
22	Minnesota	102	36,660					10.88	10.76	3,924	70	39	163	295
23	Mississippi	37	1,764	3	78	1	26	10.08	9.68	936	382	96	119	82
24	Missouri	63	19,896	47	11,260			10.69	11.49	3,710	205	199	315	397
25	Montana							12.17	11.57	34	1	1		
26	Nebraska	15	2,750					10.87	10.62	896	22	19	42	66
27	New Hampshire	11	6,350					9.15	9.10	253	2	5	6	9
28	New Jersey	5	1,570	1	200			10.88	10.94	695	28	29	83	64
29	New Mexico							10.72	10.24	55	1	4	6	2
30	New York	81	30,871					10.31	10.32	4,477	192	173	314	471
31	North Carolina	26	1,925					10.61	9.54	1,689	328	194	183	218
32	North Dakota							11.03	10.58	273	3	6	10	18
33	Ohio	90	32,391					10.71	10.35	4,087	140	162	335	465
34	Oregon	12	6,952			1	40	10.90	10.35	384	16	5	6	13
35	Pennsylvania	22	4,857	1	40			11.15	11.42	5,085	408	339	414	500
36	Rhode Island							10.10	9.74	134	1	4	5	11
37	South Carolina	21	832					10.59	9.71	881	347	84	79	69
38	South Dakota							11.17	10.62	321	6	4	8	16
39	Tennessee	28	7,945	1	25			10.55	9.86	2,011	408	213	242	126
40	Texas	18	1,145					10.22	9.75	1,936	185	219	261	164
41	Utah	4	575					10.17	10.26	173	9	5	7	14
42	Vermont	1	200					10.25	10.09	402	12	19	34	54
43	Virginia	20	4,590					10.99	10.09	2,175	440	223	310	165
44	Washington	15	3,637					11.13	10.71	207	1	1	2	1
45	West Virginia	5	921					10.70	10.01	924	120	89	99	70
46	Wisconsin	53	17,257					10.78	10.83	2,234	98	78	144	260
47	Wyoming							11.17	11.00	18	1		1	1
48	All other territories							12.86	12.00	30	1			2

a In comparing the weekly rates of wages and the number of employés at each rate with the average weekly earnings, it must be remembered that it is not practicable to obtain true average weekly earnings from the table of weekly rates, because the term of employment varies for the employés at the respective rates.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

FLOURING AND GRIST MILL PRODUCTS—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Males above 16 years—Continued.							Females above 15 years.											
$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	
6,730	7,920	9,226	7,813	5,811	2,617	1,704	381	93	107	38	18	26	27	36	19	12	1	4	1
136	113	232	77	49	14	7	3	3											2
87	85	116	71	68	16	17													3
9	47	85	337	262	92	158	7		2	1			1	1	1	1			4
2	7	6	134	73	25	27													5
25	84	69	88	67	7	9	3	1		1		1							6
17	57	16	14	23	5	9													7
23	5	12	16	12	11	11													8
22	15	31	8	12	4	2	1		1										9
62	60	94	35	32	17	19	4	2		1	1								10
	10	6	7	20	8	6													11
350	638	714	542	460	215	139	41	16	5	7	1		3	3	5	1			12
290	500	539	473	347	103	101	25	8	3	4	4	3		1		2			13
182	254	255	292	190	47	59	8	1	2		1		1	1	2				14
194	348	214	288	267	121	85	9	4					1	2	1			1	15
157	140	172	148	132	51	34	7	4			1	1			1				16
4	7	3	4	1															17
43	72	79	59	30	9	3	1		1										18
139	96	138	89	56	15	21	1	1											19
65	174	157	126	85	24	9	13	2		2	2		6	1					20
243	338	425	366	220	66	49	16	2	4	2		3		3	1	1			21
260	390	706	844	726	186	245	9	2	1			1	1	2		1		1	22
70	55	75	37	15	3	2	1	1											23
243	522	579	520	436	179	121	13	4			1			5	2	1			24
2		1	10	6	3	10													25
91	99	169	176	135	49	28	6	1	1		1	2		1					26
42	58	54	45	23	9		1							1					27
84	86	155	112	33	12	9	4	1	1				2						28
1	4	12	8	10	5	2	1	1											29
467	803	702	595	488	137	135	43	13	3	4	2	6	3	6	3	2		1	30
301	171	197	59	30	4	4	3		1				2						31
15	37	54	52	37	22	19													32
524	652	720	544	341	118	86	114	12	76	6	2	3	5	5	2	2	1		33
15	15	59	98	77	44	36	1											1	34
831	718	894	594	248	94	45	21	7	6	3	1	2	1		1				35
12	35	32	12	16	3	3													36
145	44	66	25	16	6														37
18	40	58	73	60	21	11	4			3						1			38
387	198	160	113	93	37	34	7	1		2	1	1		2					39
270	212	259	146	120	67	33	1	1											40
10	3	38	24	43	16	4													41
67	87	69	40	12	5	3	2	1						1					42
416	205	231	81	60	17	27	1	1											43
4	11	24	55	69	20	19													44
184	89	139	88	36	9	1	1	1											45
218	329	398	283	264	91	71	9	2		2		3	1	1					46
3		3		3	6														47
	1	9	5	8	4														48

TABLE 8.—DETAILED STATEMENT FOR SELECTED

FLOURING AND GRIST MILL PRODUCTS—Continued.

	STATES AND TERRITORIES.	WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued. Children.					MATERIALS USED.				
		Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	Aggregate cost.	Wheat. Bushels.	Wheat. Cost.	Corn. Bushels.	Corn. Cost.
1	The United States	204	188	7	8	1	$434,152,290	385,749,798	$311,508,607	166,293,313	$71,373,341
2	Alabama	6	6				2,471,828	438,367	382,714	3,765,917	1,972,213
3	Arkansas	8	7	1			2,041,587	1,046,593	802,945	2,682,541	1,145,344
4	California	6	3	1	2		12,047,810	10,183,420	8,116,556	479,839	311,493
5	Colorado	1			1		3,155,919	3,103,564	2,604,653	428,843	233,891
6	Connecticut	1	1				2,387,155	25,504	21,849	3,770,635	1,902,151
7	Delaware	3	3				1,464,485	1,282,629	1,026,603	815,398	333,997
8	District of Columbia						1,359,888	913,830	833,897	566,714	280,422
9	Florida						150,135	16	16	271,314	137,816
10	Georgia	21	21				4,356,700	1,724,422	1,602,845	4,734,301	2,576,393
11	Idaho						262,811	381,154	240,424	2,030	1,165
12	Illinois	18	16		2		31,733,747	33,018,591	25,617,898	7,734,102	2,545,688
13	Indiana	7	6		1		26,003,127	27,273,988	21,481,528	9,559,754	3,440,429
14	Iowa	11	11				9,786,174	8,764,487	6,732,772	4,954,526	1,232,887
15	Kansas	6	6				14,285,990	16,698,366	11,641,427	5,993,712	1,440,239
16	Kentucky	11	11				7,917,917	7,568,433	5,824,050	3,836,299	1,560,265
17	Louisiana						41,836			75,924	38,988
18	Maine						2,806,869	27,527	28,488	4,744,470	2,439,089
19	Maryland	4	4				5,778,873	5,070,425	4,302,746	2,187,955	944,404
20	Massachusetts						5,959,480	68,933	63,417	9,424,537	5,027,843
21	Michigan	9	9				19,462,779	19,055,917	15,565,688	4,339,870	1,638,614
22	Minnesota	3	3				52,383,867	59,123,929	47,281,697	2,353,507	858,287
23	Mississippi	2	2				1,009,335	3,215	2,858	1,737,653	950,467
24	Missouri	16	16				29,210,630	31,210,111	23,688,561	8,617,488	2,959,190
25	Montana						237,245	324,000	223,225	10	10
26	Nebraska	5	5				5,031,858	6,403,491	3,884,912	2,590,866	572,717
27	New Hampshire						2,061,208	300,560	290,234	3,318,262	1,615,398
28	New Jersey	2	2				5,026,694	2,223,660	2,064,589	4,153,116	1,950,566
29	New Mexico						208,607	288,355	186,913	8,442	6,222
30	New York	6	5		1		44,690,115	29,046,319	28,326,218	17,608,585	8,134,998
31	North Carolina	3	3				4,379,218	2,290,782	2,105,111	3,680,193	2,052,924
32	North Dakota	2	1			1	2,152,006	2,694,236	1,932,600	16,200	5,180
33	Ohio	5	5				33,418,856	33,888,137	28,062,966	6,671,281	2,493,151
34	Oregon	1	1				3,386,917	4,641,533	2,916,038	30,497	17,980
35	Pennsylvania	20	17	3			33,238,981	23,591,315	20,986,652	15,684,965	6,741,974
36	Rhode Island	1		1			1,168,188	11,000	10,135	1,895,400	1,007,645
37	South Carolina	4	4				1,726,896	526,299	505,003	1,939,135	1,104,249
38	South Dakota						2,308,721	2,972,445	2,074,345	104,020	59,637
39	Tennessee	3	3				10,592,752	8,861,160	7,835,615	5,030,626	2,201,628
40	Texas	10	9		1		8,294,003	7,500,537	6,058,846	3,820,286	1,739,040
41	Utah						1,160,641	1,410,088	1,033,646	113,525	74,262
42	Vermont						2,452,944	138,088	123,361	3,899,929	1,917,546
43	Virginia	4	4				9,849,144	6,383,523	5,585,855	7,679,773	3,738,683
44	Washington						2,913,304	2,423,494	1,619,197	62,721	27,836
45	West Virginia						3,228,786	2,464,259	2,127,924	1,851,978	896,645
46	Wisconsin	4	3	1			20,420,677	19,513,549	15,486,331	2,950,515	977,134
47	Wyoming						125,265	157,703	113,486		
48	All other territories	1	1				100,313	109,844	88,273	15,661	6,701

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

FLOURING AND GRIST MILL PRODUCTS—Continued.

MATERIALS USED—continued.

Rye.		Buckwheat.		Barley.		Other grain.		Fuel.				Rent of power and heat.	
								Total cost.	Coal.	Wood.	All other.		
Bushels.	Cost.	Bushels.	Cost.	Bushels.	Cost.	Bushels.	Cost.		Cost.	Cost.	Cost.	Cost.	
12,140,396	$5,950,454	7,032,277	$3,454,265	8,696,344	$4,193,284	47,104,047	$14,970,089	$4,316,732	$3,200,888	$958,559	$157,285	$275,291	1
390	252					22,095	8,635	36,230	8,824	27,406		877	2
508	334	79	59	670	375	480	384	40,679	6,618	34,061		160	3
88,482	65,073	45,849	42,537	4,910,253	2,503 396	560,543	287,014	218,404	144,569	49,693	24,142	5,350	4
9,216	4,655	4,500	3,000	2,700	2,225	255,300	114,557	33,738	32,838	900			5
77,519	49,328	46,846	25,822	5,867	2,578	714,664	283,486	13,292	10,662	1,320	1,220	2,181	6
1,629	1,050	8,266	5,631	25	10	24,307	8,744	11,907	11,577	330		260	7
4,000	2,080							2,187	2,187			1,650	8
						10,406	3,892	4,998		4,998			9
13,504	8,544	620	260	490	250	42,238	19,046	35,595	12,360	23,077	158	1,900	10
				6,840	4,020	14,450	7,097	4,336		4,336			11
856,754	399.515	139,162	73,821	300,645	168,542	3,080,149	966,477	336,676	311,272	23,284	2,120	7,040	12
248,241	108,820	123,792	72,118	12,350	5,543	510,241	134,559	271.101	196,724	41,662	32,715	8,235	13
552,958	209,807	299,422	155,309	251,878	75,547	3,624,769	864,637	128,293	122,306	5,797	190	1,909	14
394,024	127,453	40,650	24,782	10,250	3,002	414,148	85,124	217,961	215,105	2,144	712	3,650	15
27,590	14,709	1,550	1,170	1,110	628	42,980	14,987	133,591	102,927	30,318	346		16
								1,501	336	1,165		50	17
16,045	11,430	73,557	29,910	42.768	24,332	544,190	226,511	13,876	8,345	5,331	200	5,150	18
135,034	66,370	39,245	21,461	17,260	8,360	202.920	70,255	44,825	39,585	4,240	1,000	2,495	19
123,201	77,301	24,746	12,712	15,432	7,986	1,597,641	633,167	30,601	28,983	1,601	17	5.446	20
503,000	225,771	497,663	230,758	276,063	121,635	2,351,569	693,750	203,358	101,646	75,550	26,162	12,080	21
338,081	142,707	127,603	52,093	246,453	88,917	1,783,906	497.478	449,677	318,976	129,801	900	161,634	22
						35.700	15,371	28.227	1,850	26.377			23
141,435	64,479	33,960	20,525	7,565	4,144	1,129,701	350,706	455,995	350,161	105,634	200	160	24
								1,050	50	1,000			25
334,495	112,767	68,605	38,042	18,650	6,660	649,943	146,189	78,440	77,315	1,025	100	650	26
8,022	6,086	16,328	7,648	11,882	7,989	284,595	109,940	7,744	5,415	2,329		535	27
332,754	180,513	139,478	73,627	89,300	56,830	1,560,819	576,298	24,794	24,624	170		3,000	28
								8,260	5,310	2,950			29
2,224,006	1,305,976	2,503,512	1,225,627	384,392	182,947	9,553,069	3,319.769	250,438	236,513	11,018	2,907	20,957	30
94,464	58,644	6,832	3,757	4,665	2,321	146,767	69,156	36,627	9,165	27,460	2	25	31
1,700	700	300	150	89,650	33,987	133,900	44,150	57,090	15,185	41,905			32
349,929	174,855	144,373	78,262	239,526	92,989	3,255,069	956,245	313,665	269,284	18,628	25,753	9,145	33
11,202	7,518	5,295	4,288	200,971	106,653	295,206	113,309	25,367	1,000	24,367		2,500	34
2,096,246	1,118,855	1,755,419	854,146	116,510	52,540	7,269,787	2,407,669	203,052	171,828	5,048	26,176	5,474	35
13,188	9,796	498	304	1,060	690	306,950	119,945	5,820	5,770	50		2,712	36
1,845	1,412	200	150			108,885	29,433	15,474	1,588	12,986	900		37
11,100	5,024	10,300	5,630	10,650	3,360	130,200	36,525	66,953	61,863	5,090			38
10,158	6,114	1,604	904	4,275	1,858	41,215	15,423	113,915	82,749	31,196		380	39
44,939	31,085					31,780	12,722	189,655	78,084	101,946	25	200	40
7,800	4,875			34,827	15,622	2,100	1,560	4,892	4,892			85	41
13,411	8,920	63,158	30,531	93,550	48,643	792.297	301,382	4,780	2,305	2,475		300	42
194,783	105,769	37,578	21,746	19,584	9,636	223,945	78,736	16,953	10,960	5,008	85	7,230	43
120	65	142	96	470,805	230,435	60,317	25,686	15,023		14,723	300	210	44
48,247	26,361	79,952	46,553	3,550	1,885	152,358	51,016	33,416	27,244	5,647	525	100	45
2,810,176	1,205,441	691,193	291,727	800,854	315,849	5,132,453	1,264,668	132,105	77,613	44,062	10,430	1,570	46
						10,000	5,000	1,930	1,930				47
				2,204	900			2,201	1,750	451			48

TABLE 8.—DETAILED STATEMENT FOR SELECTED FLOURING AND GRIST MILL PRODUCTS—Continued.

	STATES AND TERRITORIES.	MATERIALS USED—continued.						PRODUCTS.				
		Mill supplies.	Barrels.		Sacks.		Cost of all other materials.	Total value.	Wheat flour.		Rye flour.	
		Cost.	Number.	Cost.	Number.	Cost.			Barrels.	Value.	Barrels.	Value.
1	The United States....	$665,433	27,605,081	$8,349,853	175,147,914	$7,208,597	$1,886,944	$513,971,474	80,948,977	$350,892,795	2,137,202	$6,387,704
2	Alabama	1,593	76,817	18,990	658,088	42,478	7,846	3,060,452	88,209	451,512	78	293
3	Arkansas	2,210	16,710	4,865	949,178	43,017	1,215	2,498,168	211,553	949,921	83	366
4	California	60,069	34,400	12,835	7,860,638	377,412	47,671	14,200,329	2,157,333	8,776,205	14,347	65,759
5	Colorado	14,405	.....	.....	1,513,492	115,105	29,690	3,898,166	657,107	3,041,282	607	2,700
6	Connecticut	2,112	25,390	5,750	204,050	11,064	67,632	2,904,244	3,799	21,432	12,064	49,640
7	Delaware	2,795	150,090	44,853	548,170	25,235	400	1,675,940	260,361	1,082,801	339	1,005
8	District of Columbia	1,400	147,850	40,122	161,000	12,380	185,759	1,564,062	202,059	992,250	600	1,890
9	Florida	615	399	57	25,400	1,766	975	198,119	3	25	.....	.....
10	Georgia	2,193	72,974	19,185	2,083,488	80,976	9,513	5,190,311	361,206	1,779,258	2,701	10,237
11	Idaho	210	.....	.....	161,392	5,459	100	376,946	76,288	301,426	.....	.....
12	Illinois	42,196	3,216,988	886,375	11,726,183	604,722	84,797	37,974,885	6,877,771	29,088,914	137,873	413,170
13	Indiana	46,002	1,257,249	592,723	13,546,051	383,675	58,394	31,239,627	5,646,109	23,921,507	42,855	123,039
14	Iowa	19,087	646,172	84,487	5,267,806	232,715	48,733	11,833,737	1,782,277	7,715,301	91,899	234,534
15	Kansas	34,795	466,136	135,012	10,629,863	517,463	55,082	17,420,475	3,495,070	13,709,483	62,370	148,940
16	Kentucky	16,669	664,568	191,096	3,942,440	124,560	36,192	9,681,259	1,554,011	6,861,585	5,413	17,810
17	Louisiana	30	40	12	.....	.....	1,255	57,964	.....	.....	.....	.....
18	Maine	2,343	355	57	111,452	5,591	20,983	3,254,690	5,151	29,787	3,342	13,023
19	Maryland	11,527	633,691	206,362	2,418,260	77,449	22,619	6,904,888	1,078,352	4,915,263	22,930	73,762
20	Massachusetts	4,869	62,025	17,982	436,226	25,406	52,750	6,906,493	13,700	72,959	18,256	76,014
21	Michigan	29,818	1,621,839	482,966	7,606,345	219,204	89,047	22,778,829	3,921,363	17,024,535	81,599	226,298
22	Minnesota	56,561	5,661,732	1,866,378	17,994,281	883,645	44,793	60,158,088	13,012,005	54,029,614	61,330	178,158
23	Mississippi	747	4,750	700	124,500	5,731	5,244	1,249,665	643	3,273	.....	.....
24	Missouri	53,632	3,110,493	868,350	14,207,842	653,599	91,298	34,486,795	6,588,593	27,056,990	25,652	77,734
25	Montana	360	.....	.....	240,000	12,000	600	302,965	66,922	264,066	.....	.....
26	Nebraska	17,752	35,300	9,600	3,111,919	137,522	26,607	6,365,492	1,296,814	4,738,472	62,716	138,842
27	New Hampshire	1,757	2,099	516	17,825	2,060	11,301	2,358,616	65,164	306,585	1,331	6,214
28	New Jersey	5,569	51,450	14,968	1,079,243	39,168	36,772	5,928,352	448,613	2,259,793	41,394	132,341
29	New Mexico	770	1,200	418	112,600	5,894	130	307,805	59,396	270,200	.....	.....
30	New York	74,001	3,644,959	1,081,046	10,613,104	526,339	441,799	52,550,744	6,370,317	31,410,188	396,201	1,341,475
31	North Carolina	2,053	13,459	4,071	506,770	24,923	19,606	5,279,068	462,594	2,341,640	17,642	64,051
32	North Dakota	5,825	24,603	9,121	781,282	61,103	2,200	2,624,198	562,360	2,301,746	340	860
33	Ohio	51,678	2,511,988	715,488	12,724,804	396,081	74,341	39,468,409	6,950,089	31,127,953	67,008	221,861
34	Oregon	4,703	25,960	8,345	2,527,131	175,355	4,870	4,184,473	962,345	3,294,682	1,060	4,319
35	Pennsylvania	30,788	854,967	244,806	12,536,425	395,458	197,567	39,478,076	4,817,238	23,032,330	356,641	1,122,703
36	Rhode Island	2,084	10,000	2,000	35,050	5,607	1,450	1,349,843	2,220	11,690	1,248	4,586
37	South Carolina	923	23,755	2,563	127,663	4,341	3,348	2,083,126	104,530	567,576	369	1,648
38	South Dakota	5,150	40,075	12,020	1,028,380	36,207	3,870	2,793,701	695,812	2,378,228	2,010	5,920
39	Tennessee	6,149	892,250	250,751	9,831,479	139,553	29,432	12,474,284	1,853,114	8,734,426	2,009	7,127
40	Texas	7,543	115,825	39,406	4,446,990	204,882	19,624	9,903,455	1,555,891	6,827,647	8,468	32,792
41	Utah	426	2,009	700	472,660	23,823	750	1,468,681	284,018	1,192,307	560	2,155
42	Vermont	2,091	3,755	434	52,965	6,119	8,837	2,890,174	27,337	132,715	2,542	9,748
43	Virginia	7,193	523,728	169,118	2,174,515	87,418	21,707	11,716,356	1,300,864	6,139,217	29,501	95,651
44	Washington	1,764	.....	.....	3,712,389	90,660	2,332	2,469,809	507,869	1,859,971	24	80
45	West Virginia	2,108	82,991	27,171	676,840	13,150	2,457	3,902,994	497,013	2,384,434	9,278	29,971
46	Wisconsin	28,703	874,148	278,154	6,059,144	376,173	63,332	24,252,297	4,100,965	17,232,413	552,402	1,451,078
47	Wyoming	75	.....	.....	196,600	4,774	.....	157,251	31,512	131,339	.....	.....
48	All other territories	.....	.....	.....	5,000	195	2,043	157,087	22,735	127,887	.....	.....

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

FLOURING AND GRIST MILL PRODUCTS—Continued.

PRODUCTS—continued.													
Buckwheat flour.		Barley meal.		Corn meal.		Hominy.		Offal.		Value of all other products.	Runs of stone.	Pairs of rolls.	Estimated maximum capacity per day of 24 hours.	
Pounds.	Value.	Pounds.	Value.	Barrels.	Value.	Pounds.	Value.	Pounds.	Value.				Bushels.	
180,479,108	$4,256,420	324,854,927	$3,856,904	36,897,924	$76,653,478	229,838,237	$2,446,868	7,001,953,412	$36,844,825	$32,632,480	31,477	53,567	5,731,620	1
				883,558	2,330,382	1,075,700	16,000	7,137,480	38,204	224,061	929	77	100,960	2
2,100	115	10,560	475	645,905	1,319,438	65,300	640	17,594,100	83,847	143,357	493	173	84,410	3
1,364,600	56,115	209,479,439	2,521,767	74,295	247,416	4,023,000	51,800	177,043,736	1,334,754	1,146,504	126	937	86,374	4
115,000	4,500	120,000	2,600	63,770	180,047	3,000,000	45,000	57,188,200	417,540	204,497	38	324	20,830	5
1,087,774	28,466	166,416	1,944	943,249	2,155,608	421,800	3,762	888,090	6,375	637,017	318	26	45,314	6
235,275	6,695	1,200	12	158,735	347,815	19,800	560	5,554,750	46,964	189,188	124	221	21,719	7
				141,250	291,500	1,248,000	17,160	9,800,000	71,201	190,151	8	118	10,090	8
				50,296	134,523	89,940	1,293			62,269	71	2	8,134	9
18,500	469	16,800	293	1,147,769	2,964,606	8,302,210	127,021	29,273,980	195,299	113,128	1,240	259	131,425	10
				512	1,558	4,000	90	6,754,000	50,152	23,720	15	59	3,785	11
3,862,751	101,627	8,645,460	167,893	1,356,238	2,451,834	22,018,000	263,548	625,602,607	3,197,841	2,200,058	1,050	4,214	335,080	12
3,316,860	95,113	368,600	5,063	1,757,253	3,051,905	93,864,800	728,354	515,823,603	2,548,426	766,220	847	4,281	286,934	13
8,123,505	206,555	5,795,144	44,035	985,348	1,326,272	2,018,620	19,107	167,212,682	715,224	1,572,709	772	2,252	160,922	14
1,088,649	35,299	203,800	2,301	1,276,406	1,646,440	3,782,000	26,770	302,341,466	1,292,629	558,613	480	2,083	144,245	15
40,000	1,528	52,480	767	914,956	1,872,819	6,457,760	74,941	142,268,000	711,019	140,790	673	1,280	119,653	16
				19,006	51,686					6,278	26		2,335	17
1,536,991	36,269	1,853,500	27,187	1,186,020	2,775,566	55,700	618	383,044	2,466	369,774	401	67	112,145	18
993,066	26,703	756,480	11,395	520,594	1,092,018	1,434,900	20,619	87,519,817	524,634	240,494	660	872	67,491	19
672,482	15,956	723,140	9,749	2,599,376	5,697,859	4,444,000	57,089	1,665,590	11,004	965,863	422	68	135,994	20
12,338,110	388,812	8,919,768	100,137	765,325	1,393,590	1,420,500	26,765	349,134,056	1,873,433	1,745,259	938	3,284	250,804	21
3,227,901	65,978	6,482,600	62,273	250,833	437,667	650	10	918,351,384	3,934,852	1,449,536	478	4,758	360,889	22
				406,653	1,069,242	184,300	2,790	48,550	264	174,100	464	59	59,697	23
906,395	28,974	266,420	7,257	1,900,919	3,371,863	35,645,200	512,889	565,351,390	2,656,107	774,981	1,042	4,133	309,308	24
				2	15			5,985,000	38,884		6	41	2,975	25
1,767,050	46,726	480,640	3,885	527,562	630,469	9,000	125	110,107,765	428,846	378,127	278	1,260	80,285	26
434,415	9,378	496,960	8,346	853,082	1,840,942	12,600	162	5,329,200	22,705	164,284	270	23	60,877	27
2,918,460	71,261	1,224,000	30,200	742,739	1,618,799	1,081,000	10,229	42,116,102	235,407	1,570,322	414	450	53,610	28
				2,164	7,222			5,372,100	26,683	3,700	25	38	3,359	29
66,066,825	1,450,752	9,823,690	138,351	3,984,214	8,646,094	2,256,864	22,562	510,943,808	3,351,363	6,189,959	2,933	2,917	649,029	30
193,650	5,332	201,400	2,575	922,449	2,427,275	1,415,150	17,931	45,325,110	277,042	143,222	1,617	135	100,070	31
9,000	180	4,240,000	37,400	4,050	6,265			49,005,960	222,112	55,635	10	341	21,757	32
3,920,641	95,245	6,293,692	48,625	1,362,473	2,532,297	14,595,955	157,525	670,675,204	3,431,489	1,853,414	1,381	5,352	357,577	33
144,000	5,833	3,750,700	48,055	6,092	21,950	22,000	440	79,422,302	569,831	239,363	131	420	35,896	34
43,717,600	997,924	3,133,750	39,549	3,227,103	6,634,317	11,509,450	110,505	451,637,157	2,823,101	4,717,647	5,229	4,952	480,124	35
12,450	370	50,800	836	481,650	1,131,892	600,000	8,400	300,220	1,521	190,578	46	26	17,134	36
5,000	200			441,183	1,262,574	8,126,268	109,612	9,429,688	60,332	81,184	770	43	61,199	37
267,700	7,002	235,200	1,901	43,545	63,646			56,963,360	279,566	57,438	22	522	26,682	38
40,975	1,093	202,980	2,261	1,261,038	2,694,392	1,300	66	163,315,095	966,240	68,679	1,401	1,037	142,017	39
				946,527	2,092,610	349,500	9,305	138,787,585	776,993	164,108	770	1,217	152,650	40
		1,562,440	17,708	28,328	88,822			28,060,560	157,269	10,420	89	125	11,652	41
1,570,000	35,579	4,227,900	54,951	1,000,113	2,250,346	1,140	16	2,887,090	16,394	390,434	512	40	84,130	42
960,591	25,505	356,728	4,275	1,926,437	4,419,928	279,030	3,131	130,951,370	818,068	210,581	2,145	503	183,024	43
3,640	116	7,112,400	88,600	16,656	33,699			45,026,640	256,030	221,413	29	160	15,109	44
2,045,367	55,036	170,400	2,200	460,555	1,067,658	2,800	24	49,923,260	289,581	74,090	836	456	76,671	45
17,470,885	349,723	37,323,440	360,638	608,647	965,716			400,130,804	2,045,797	1,846,932	929	3,831	253,726	46
								3,027,387	20,082	5,833	4	33	1,170	47
		106,000	1,400	2,449	4,896			2,193,520	16,354	6,550	18	17	2,350	48

TABLE 8.—DETAILED STATEMENT FOR SELECTED

LEATHER, TANNED AND CURRIED.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.								
			Aggregate.	Value of plant.				Live assets.			
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Total.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	The United States	1,596	$81,261,696	$22,526,492	$6,346,010	$10,155,462	$6,025,020	$58,735,204	$9,724,947	$33,053,004	$15,957,253
2	Alabama	21	38,045	15,040	4,750	6,550	3,740	23,005	8,380	12,875	1,750
3	Arkansas	5	13,525	5,550	650	4,000	900	7,975	2,725	4,250	1,000
4	California	62	3,119,298	952,725	299,750	352,000	300,975	2,166,573	317,490	1,245,300	603,783
5	Connecticut	7	369,021	49,668	7,550	23,144	18,974	319,353	18,252	166,029	135,072
6	Delaware	3	36,587	15,890	2,290	8,700	4,900	20,697	3,847	7,000	9,850
7	Georgia	32	373,610	145,575	14,790	66,535	64,250	228,035	60,515	109,170	58,350
8	Illinois	30	4,876,671	1,198,280	620,730	325,300	252,250	3,678,391	464,475	1,691,775	1,522,141
9	Indiana	46	780,757	239,153	51,014	116,780	71,359	541,604	65,307	348,635	127,662
10	Kentucky	31	2,519,339	706,217	254,225	310,892	141,100	1,813,122	212,110	1,204,915	396,097
11	Louisiana	4	35,060	14,300	4,800	6,200	3,300	20,760	4,200	7,660	8,900
12	Maine	51	2,231,702	922,403	57,085	547,265	318,053	1,309,299	233,803	873,439	202,057
13	Maryland	32	594,478	197,945	45,875	105,030	47,040	396,533	66,951	270,480	59,102
14	Massachusetts	138	9,002,929	1,936,780	394,180	764,699	777,901	7,066,149	1,138,392	3,733,674	2,194,083
15	Michigan	20	1,200,982	397,719	108,678	181,848	107,193	803,263	103,483	587,898	111,882
16	Minnesota	10	482,457	132,950	81,525	29,250	22,175	349,507	23,700	18,037	307,770
17	Mississippi	4	14,220	7,225	1,125	3,650	2,450	6,995	1,425	4,800	770
18	Missouri	17	691,353	188,157	64,900	67,400	55,857	503,196	58,450	222,130	222,616
19	New Hampshire	18	1,303,992	456,863	82,700	199,800	174,363	847,129	109,676	442,134	295,319
20	New Jersey	31	1,185,362	359,533	94,300	149,407	115,826	825,829	207,256	390,579	227,994
21	New York	200	13,204,247	3,338,880	1,004,335	1,359,688	974,857	9,865,367	1,804,700	5,315,164	2,745,503
22	North Carolina	55	116,364	39,804	10,699	19,885	9,220	76,560	14,936	54,144	7,480
23	Ohio	113	4,380,015	1,195,883	345,887	594,960	255,036	3,184,132	359,677	1,845,440	979,015
24	Oregon	13	128,750	54,200	23,250	18,800	12,150	74,550	23,400	43,400	7,750
25	Pennsylvania	376	25,111,007	7,070,326	1,819,659	3,616,399	1,634,268	18,040,681	3,044,317	10,944,201	4,052,163
26	Rhode Island	6	378,334	113,600	30,000	38,000	45,600	264,734	54,794	100,734	109,206
27	South Carolina	4	12,093	6,718	3,106	1,110	2,502	5,375	1,500	2,700	1,175
28	Tennessee	60	732,230	292,564	71,225	143,275	78,064	439,666	130,358	277,758	31,550
29	Texas	7	92,450	49,300	11,650	28,650	9,000	43,150	3,650	32,500	7,000
30	Utah	4	59,820	26,800	9,600	7,700	9,500	24,020	8,241	15,519	260
31	Vermont	17	266,640	104,950	16,050	52,750	36,150	161,690	31,740	111,025	18,925
32	Virginia	82	945,014	238,344	42,270	139,905	56,169	706,670	147,228	399,050	160,392
33	West Virginia	50	567,072	151,140	38,710	79,000	33,430	415,932	80,013	251,798	84,121
34	Wisconsin	38	6,345,812	1,873,450	720,212	772,340	380,898	4,472,362	914,721	2,305,766	1,251,875
35	All other states (a)	9	61,460	28,560	8,440	14,550	5,570	32,900	5,235	13,025	14,640

a Includes establishments distributed as follows: Colorado, 1; Iowa, 2; Kansas, 2; Nebraska, 1; South Dakota, 1; Washington, 1; Wyoming, 1.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LEATHER, TANNED AND CURRIED

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS.					
								Aggregates.		Officers or firm members actively engaged in the industry or in supervision.			
										Males above 16 years.			
Total.	Rent paid for tenancy.	Taxes.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
$4,309,421	$236,596	$326,244	$512,395	$711,548	$2,150	$998,749	$1,521,739	34,348	$17,825,605	1,508	$23.97	$1,620,255	1
1,546	390	188	25	250	.....	186	507	51	11,314	10	12.15	3,317	2
454	.....	94	15	90	.....	150	105	9	2,814	1	9.62	250	3
183,428	8,704	14,587	27,581	31,219	.....	62,318	39,019	1,193	826,331	75	25.59	97,822	4
25,763	3,525	1,018	1,370	925	.....	4,525	14,400	124	67,443	11	16.10	7,848	5
3,139	.....	212	121	.....	.....	306	2,500	17	9,193	4	19.02	3,462	6
12,721	775	2,282	1,794	3,070	.....	1,865	2,935	255	94,369	29	14.79	18,524	7
160,141	21,345	16,282	24,269	40,545	200	8,600	48,900	1,947	1,190,922	51	29.32	76,880	8
33,074	1,194	5,372	6,338	6,101	.....	7,490	6,579	857	173,380	32	15.76	23,264	9
109,684	2,322	9,819	17,532	13,191	.....	36,977	29,933	635	351,028	38	25.72	47,811	10
625	150	.....	175	200	.....	.....	100	20	12,360	3	25.23	3,936	11
117,141	2,150	8,644	15,820	21,872	.....	31,544	37,111	911	411,791	49	18.47	43,490	12
42,315	2,279	3,874	3,436	5,126	.....	11,723	15,877	356	148,548	37	17.58	30,320	13
638,128	62,622	59,491	75,595	78,731	.....	146,806	214,883	5,852	3,343,688	185	31.50	285,316	14
52,774	3,088	10,112	9,224	8,261	.....	10,718	11,371	378	198,594	29	19.10	26,918	15
9,458	850	901	1,471	2,650	.....	2,486	1,100	112	60,267	7	20.91	6,525	16
818	.....	120	58	180	.....	350	110	13	4,046	3	10.44	1,289	17
25,344	4,416	2,691	6,496	3,370	.....	4,506	3,865	328	194,287	10	40.62	21,120	18
93,238	540	5,269	6,792	9,896	.....	27,046	43,695	709	337,556	19	24.32	21,503	19
57,320	12,742	4,299	6,563	6,314	.....	14,046	13,356	757	482,246	39	28.91	55,806	20
734,084	52,259	41,875	92,724	132,620	1,850	176,817	235,939	5,756	2,864,665	221	23.96	260,879	21
3,913	370	552	.....	927	100	359	1,605	132	34,401	25	10.14	10,213	22
193,210	11,600	19,987	24,541	30,830	.....	52,929	53,323	1,569	827,742	96	21.87	97,618	23
3,510	175	648	422	1,255	.....	514	496	45	30,012	15	16.78	11,816	24
1,283,331	31,222	74,896	127,409	221,300	.....	294,901	533,603	8,543	4,097,524	312	18.89	288,230	25
13,884	1,150	941	3,322	1,859	.....	1,850	4,762	90	60,918	5	26.31	6,840	26
126	.....	81	.....	.....	.....	.....	45	13	3,233	1	9.00	117	27
31,785	511	9,006	6,050	8,738	.....	4,745	2,735	658	215,032	41	15.09	24,963	28
1,477	60	365	322	620	.....	25	85	37	22,776	5	13.94	2,296	29
1,297	.....	263	414	620	.....	.....	.....	24	16,446	1	15.36	416	30
15,377	325	1,771	2,283	1,953	.....	2,865	6,180	160	80,124	13	25.32	14,509	31
48,156	7,437	3,628	5,428	5,110	.....	6,823	19,730	459	159,026	50	15.32	32,498	32
28,465	123	2,075	2,815	3,048	.....	3,825	16,579	240	103,937	30	11.88	15,450	33
381,436	3,984	24,435	41,440	69,952	.....	81,454	160,171	2,570	1,371,967	55	26.94	74,584	34
2,259	288	466	550	815	.....	.....	140	28	17,625	6	17.23	4,425	35

TABLE 8.—DETAILED STATEMENT FOR SELECTED

LEATHER, TANNED AND CURRIED—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.											
		Officers or firm members actively engaged in the industry or in supervision—Continued.			Clerks.						Operatives and skilled.		
		Females above 15 years.			Males above 16 years.			Females above 15 years.			Males above 16 yeare.		
		Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
1	The United States	1	$12.00	$575	542	$16.87	$465,900	18	$9.55	$8,826	19,629	$10.18	$10,012,831
2	Alabama										33	6.00	7,062
3	Arkansas										7	7.92	2,264
4	California				19	22.76	22,090				779	13.49	535,066
5	Connecticut				10	16.61	8,600				82	9.62	40,796
6	Delaware										9	11.49	4,931
7	Georgia				9	8.66	3,920				183	7.14	62,605
8	Illinois				32	16.73	27,724				1,542	11.64	931,280
9	Indiana				4	26.44	5,500				214	9.16	95,366
10	Kentucky				15	17.37	13,286				192	10.26	97,742
11	Louisiana										17	9.53	8,424
12	Maine				10	10.77	5,460				474	9.36	220.723
13	Maryland				6	9.06	2,789				245	8.12	88,055
14	Massachusetts				60	19.87	60,504	4	9.01	1,874	3,682	10.79	1,952,359
15	Michigan				12	13.96	8,500				136	9.92	67,601
16	Minnesota							1	18.46	800	62	12.44	34,725
17	Mississippi										9	6.07	2,445
18	Missouri				8	22.79	9,480				225	11.42	132,735
19	New Hampshire				15	15.24	11,752	7	8.86	3,224	600	8.99	266,594
20	New Jersey				12	17.51	10,924				600	11.61	360,747
21	New York	1	12.06	575	92	17.70	81,714	3	8.91	1,390	3,573	9.72	1,753,523
22	North Carolina										93	5.30	21,808
23	Ohio				25	17.16	21,432	1	7.38	360	995	10.32	512,100
24	Oregon										21	14.29	14,025
25	Pennsylvania				162	15.24	126,424	1	11.54	600	3,836	9.47	1,834,681
26	Rhode Island				8	24.55	9,255	1	11.12	578	72	11.32	40,925
27	South Carolina										6	5.87	1,820
28	Tennessee				5	13.85	3,600				224	8.29	91,320
29	Texas										32	12.62	20,480
30	Utah										23	13.40	16,030
31	Vermont				1	19.23	1,000				136	8.83	60,867
32	Virginia				8	13.10	5,450				289	6.58	83,457
33	West Virginia										195	8.49	83,903
34	Wisconsin				28	17.54	25,496				1,027	10.39	551,712
35	All other states				1	20.51	1,000				16	12.07	9,660

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LEATHER, TANNED AND CURRIED—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled—Continued.						Unskilled.									
Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
58	$6.09	$17,714	52	$3.07	$8,211	9,501	$8.06	$3,903,304	22	$3.78	$4,252	24	$3.34	$3,789	1
1	5.77	150	1	1.00	50	3	4.88	560							2
						1	5.77	300							3
						305	10.19	160,329	2	9.62	1,000	2	3.85	400	4
4	6.01	1,250				8	8.53	3,549							5
			4	3.85	800										6
			1	1.35	70	30	5.74	8,800				1	1.36	50	7
			4	2.05	382	182	9.26	86,812				1	1.03	40	8
						66	6.80	22,919				1	1.44	75	9
1	9.00	468				213	8.52	92,080				1	3.50	182	10
															11
						251	7.62	98,310							12
6	7.44	1,740	1	5.77	300	49	6.93	17,384							13
3	6.75	1,024				1,255	9.35	588,333				1	2.88	150	14
1	4.08	212				164	8.60	72,663							15
						41	10.19	18,192							16
						1	6.00	312							17
						67	6.09	20,222							18
9	3.85	1,800				11	7.37	4,036							19
						55	8.95	25,584				1	2.40	125	20
11	7.92	4,529	10	4.35	2,261	1,417	7.42	536,181	3	6.39	872	4	3.75	780	21
			3	1.35	210	7	3.77	1,175							22
2	5.53	575	2	3.81	384	392	8.43	162,841				2	3.50	364	23
						9	9.12	4,171							24
7	6.36	2,316	17	2.97	2,629	3,400	7.97	1,393,934	1	2.88	150	10	3.75	1,623	25
						3	12.95	2,020							26
						6	4.15	1,296							27
						384	4.76	94,824							28
															29
															30
						10	8.01	3,748							31
3	4.17	650	9	2.40	1,125	93	5.95	27,721							32
						13	6.52	4,224							33
10	5.77	3,000				1,064	8.32	450,474	16	2.68	2,230				34
						1	4.92	240							35

TABLE 8.—DETAILED STATEMENT FOR SELECTED

LEATHER, TANNED AND CURRIED—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.						AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR.		WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK. (a)				
		Piecework.								Males above 16 years.				
		Males above 16 years.		Females above 15 years.		Children.		May to November.	November to May.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.
		Number.	Total wages.	Number.	Total wages.	Number.	Total wages.							
1	The United States	2,963	$1,772,196	27	$7,612	3	$140	10.10	9.50	31,180	843	857	2,436	4,437
2	Alabama	3	175					10.10	9.43	46	13	3	3	3
3	Arkansas							10.00	9.20	9		1	4	1
4	California	11	9,624					9.97	9.90	1,178	3	1	43	15
5	Connecticut	9	5,400					9.86	9.57	111		1		6
6	Delaware							10.00	10.00	13			1	
7	Georgia	2	400					10.56	9.48	251	48	28	28	39
8	Illinois	135	67,784					9.73	9.58	1,807	24	3	101	33
9	Indiana	39	26,216			1	40	10.08	9.43	316	6	18	32	85
10	Kentucky	174	99,147	1	312			9.82	9.27	458	6	15	8	100
11	Louisiana							9.50	9.25	20				
12	Maine	116	40,496	11	3,312			10.27	9.90	784	3	26	80	208
13	Maryland	12	7,960					10.28	9.39	337	6	9	94	40
14	Massachusetts	662	454,128					9.95	9.87	5,182	28	53	182	221
15	Michigan	36	22,700					9.95	9.75	341	4	5	14	26
16	Minnesota					1	25	9.90	9.50	110		2	1	2
17	Mississippi							9.88	9.63	13	1	4	3	2
18	Missouri	18	10,730					10.00	9.76	310	18	7	4	5
19	New Hampshire	43	27,227	5	1,370			10.09	9.81	645	6	8	16	146
20	New Jersey	50	29,060					10.00	9.86	706	11	9	14	17
21	New York	417	221,227	4	734			10.02	9.80	5,303	151	122	549	1,130
22	North Carolina	4	995					10.71	9.47	125	48	16	15	7
23	Ohio	54	32,068					10.01	9.60	1,508	43	39	60	99
24	Oregon							9.92	9.46	45		1	2	1
25	Pennsylvania	791	445,053	6	1,884			10.00	9.05	7,710	117	176	707	1,877
26	Rhode Island	1	1,300					10.00	10.00	88				2
27	South Carolina							10.75	9.75	13	8		1	2
28	Tennessee	3	250			1	75	10.43	9.18	654	122	176	145	30
29	Texas							9.57	9.14	37				
30	Utah							10.00	10.00	24				
31	Vermont							10.12	9.76	160				12
32	Virginia	7	3,125					10.44	9.27	440	83	61	111	34
33	West Virginia	2	360					10.11	9.61	238	7	17	31	33
34	Wisconsin	370	264,471					10.03	9.66	2,174	86	56	181	261
35	All other states	4	2,300					9.50	9.44	24	1			

a In comparing the weekly rates of wages and the number of employés at each rate with the average weekly earnings, it must be remembered that it is not practicable to obtain true average weekly earnings from the table of weekly rates, because the term of employment varies for the employés at the respective rates.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LEATHER, TANNED AND CURRIED—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Males above 16 years—Continued.							Females above 15 years.										Children.			
$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	Total number.	Under $5.	$5 and over but under $6.	
4,148	6,681	5,436	4,470	1,674	576	622	99	32	16	13	12	11	4	6	3	2	76	68	8	1
11	4	3	4	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2
.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
9	63	139	583	244	31	47	2	.....	.....	.....	1	.....	.....	1	.....	.....	2	1	1	4
15	37	21	18	8	3	2	4	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
2	2	1	4	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	4	.....	6
38	23	16	15	10	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	7
99	153	501	618	170	78	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	5	.....	8
15	66	51	17	17	3	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	9
126	65	28	53	35	3	29	1	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	10
.....	8	9	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
120	130	98	72	25	13	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
98	29	32	6	13	4	6	6	.....	.....	.....	6	.....	.....	.....	.....	.....	1	.....	1	13
408	1,308	1,528	907	315	108	124	7	1	1	2	1	.....	.....	.....	1	1	1	1	.....	14
105	65	57	38	12	7	8	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	45	5	49	.....	1	5	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	16
.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
17	51	118	48	23	2	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
193	101	57	69	35	4	10	16	9	.....	.....	.....	4	2	.....	1	.....	.....	.....	.....	19
35	67	182	281	45	23	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	20
658	910	736	614	231	84	118	18	2	.....	3	2	7	.....	3	1	.....	14	12	2	21
12	9	13	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	3	.....	22
118	461	401	131	65	52	33	3	.....	2	.....	1	.....	.....	.....	.....	.....	4	4	.....	23
2	5	5	13	9	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
1,508	1,624	847	527	233	90	104	9	1	2	4	.....	.....	1	1	.....	.....	27	23	4	25
5	15	28	11	14	8	5	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	26
1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
65	36	35	23	17	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
1	3	2	23	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
.....	1	.....	11	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
75	36	25	2	8	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
51	52	21	9	7	3	8	3	2	1	.....	.....	.....	.....	.....	.....	.....	9	9	.....	32
43	42	38	18	7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
314	376	432	238	100	40	30	26	16	9	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	34
4	1	4	5	6	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35

TABLE 8.—DETAILED STATEMENT FOR SELECTED

LEATHER, TANNED AND CURRIED—Continued.

	STATES AND TERRITORIES.	Aggregate cost of materials used in tanning and currying.	MATERIALS USED—TANNING.							
			Aggregate cost.	Tanning materials.						
				Hemlock bark.		Oak bark.		Gambier.		Hemlock bark extract.	
				Cords.	Cost.	Cords.	Cost.	Bales.	Cost.	Barrels.	Cost.
1	The United States....	$100,114,806	$70,878,387	1,290,402	$7,893,035	339,457	$3,043,640	28,387	$410,580	27,641	$335,079
2	Alabama	42,539	29,342	275	1,625	615	2,913				
3	Arkansas	12,765	7,065			290	1,060	3	90	4	120
4	California	4,165,410	2,918,872			28,997	533,673	2,027	32,259	645	5,855
5	Connecticut	490,377	297,400	1,196	3,925	156	1,200	12	97	501	7,506
6	Delaware	70,480	69,835	500	4,275	110	800				
7	Georgia	259,585	197,453			6,341	36,277	3	500		
8	Illinois	5,770,146	4,758,925	45,902	353,545	295	3,200	3,212	41,710	5,510	71,595
9	Indiana	911,834	592,577	1,552	14,239	7,301	64,086	26	356	353	5,041
10	Kentucky	2,573,299	1,742,357	200	1,850	28,005	284,731			445	5,540
11	Louisiana	44,889	28,598			98	770	53	1,240	82	1,752
12	Maine	2,307,343	1,823,958	60,771	360,638	1,000	6,000	107	1,132	200	2,300
13	Maryland	722,474	565,348	20	110	12,372	100,076				
14	Massachusetts	16,137,829	7,827,863	93,102	805,327	738	10,428	8,297	119,268	10,316	129,070
15	Michigan	1,273,315	935,004	25,376	159,979	2,350	16,050	8	200	51	813
16	Minnesota	518,099	482,754	620	3,550	20	100	13	145	12	217
17	Mississippi	15,203	15,203			670	3,030	5	150		
18	Missouri	1,111,577	591,987	1,500	12,991	5,490	61,011	130	2,005	264	4,156
19	New Hampshire	2,303,363	1,253,187	12,786	103,923	8	75	557	7,421	523	7,620
20	New Jersey	1,961,634	1,688,962	3,648	32,969	2,139	22,992	3,119	45,437	1,149	15,732
21	New York	14,318,529	12,270,831	307,643	1,743,341	31,752	185,570	7,462	107,908	2,281	5,049
22	North Carolina	115,507	80,263	10	40	3,014	10,709				
23	Ohio	5,134,248	3,132,817	6,007	55,338	32,567	372,535	452	6,390	1,274	17,555
24	Oregon	110,522	50,690	700	6,830	282	2,084	60	1,079	10	400
25	Pennsylvania	27,857,755	22,883,638	641,818	3,614,110	121,556	983,922	168	8,187	2,912	40,189
26	Rhode Island	311,765	129,759			100	1,000	280	3,680		
27	South Carolina	12,120	12,120			265	1,400				
28	Tennessee	755,767	707,230	350	1,700	15,957	93,237	2	30		
29	Texas	57,473	40,208			400	2,000	110	2,220	76	1,750
30	Utah	38,277	38,277			425	2,110	5	105		
31	Vermont	416,747	365,516	7,460	43,720	150	750	25	305	50	250
32	Virginia	805,487	682,467	179	829	20,781	141,620	15	170	458	5,512
33	West Virginia	680,298	486,206	2,349	10,092	14,826	93,366			60	750
34	Wisconsin	8,732,182	4,119,531	76,253	557,339	343	4,525	2,098	31,176	383	4,987
35	All other states	66,968	43,135	125	1,250	50	340	126	2,320	82	1,320

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LEATHER, TANNED AND CURRIED—Continued.

MATERIALS USED—TANNING—continued.

Tanning materials—Continued.					Hides for—								
Oak bark extract.		Sumac.		All other.	Belting leather.		Harness leather.		Sole leather.		Upper leather.		
Barrels.	Cost.	Tons.	Cost.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	
31,890	$430,365	4,212	$265,347	$1,212,654	436,661	$2,467,799	1,620,938	$6,695,860	6,261,167	$20,620,143	3,280,900	$9,023,184	1
				202	15	25	3,555	5,810	1,747	2,778	6,335	7,192	2
4	60			91			1,150	2,730	20	30	462	728	3
44	1,020	82	8,666	67,221	14,600	66,000	93,260	413,383	205,877	796,513	58,215	137,707	4
2,502	40,020	17	985	821	16,019	60,048	39	87			100	250	5
10	120			40			75	125	75	125	150	250	6
				2,615			26,671	46,040	11,451	20,915	30,358	55,807	7
124	1,956	107	7,415	323,736			86,240	336,880	55,500	187,500	196,687	827,739	8
1,968	25,813	46	2,118	18,802			75,691	306,517	6,800	17,450	15,365	41,826	9
6,636	82,130	100	4,121	4,639	15,103	70,766	118,556	552,070	123,718	612,073	3,660	9,225	10
40	937	14	1,200	630			262	531	25	112	25	104	11
		237	17,419	9,358	5,125	19,000	525	2,130	346,527	644,058	74,397	225,467	12
224	2,372	10	524	721	6,937	37,903	10,345	32,035	38,073	174,413	4,730	11,500	13
2,402	32,819	1,791	112,708	211,923	26,879	152,785			195,419	741,751	1,130,104	2,965,343	14
		42	2,588	1,306	3,900	26,850	27,700	130,275	88,901	247,112	12,000	27,225	15
3	40	2	70	3,575	50	90	4,300	17,005	100	175	95	220	16
		10	20	434	96	110	1,120	2,800	240	420	3,560	7,681	17
822	12,956	30	815	210	24,000	168,000	50,624	204,796			6,200	15,600	18
150	3,500	9	500	12,488	20,200	121,250	300	1,200			94,139	255,202	19
395	7,276	245	11,888	40,920			2,900	8,400	750	1,500	11,900	9,929	20
235	2,595	1,175	76,019	258,197	353	1,334	79,920	378,551	1,285,966	3,772,915	547,321	1,462,527	21
6	120			1,371	50	100	11,740	20,430	3,969	6,410	19,880	26,947	22
11,882	153,637	127	7,331	21,958	15,050	60,250	274,164	1,224,586	6,520	36,995	52,215	278,489	23
		3	127	1,184			5,875	15,995	80	220	1,016	2,452	24
3,206	46,805	75	3,963	90,493	205,226	1,225,249	388,181	1,736,501	3,673,838	12,584,231	467,899	1,161,399	25
720	9,000	1	28	2,151	12,500	18,000							26
				455			3,000	0,000	100	160	5,000	4,000	27
1	30	2	95	9,792	30,000	210,000	42,445	111,013	66,336	237,413	16,230	26,529	28
66	1,500	15	765	752			6,600	10,775			2,075	2,075	29
28	843	10	1,398	85			60	177	3,100	15,300	120	200	30
10	175			7,880			4,310	14,390	10,050	25,175	20,010	102,550	31
210	3,175			4,292	39,267	202,261	23,903	62,253	32,004	150,338	19,841	47,518	32
157	966			2,942	1,235	7,610	37,831	178,616	28,179	131,858	8,407	18,986	33
25	500	62	4,584	108,419	56	168	235,496	864,009	75,402	211,403	420,054	1,283,912	34
				2,951			4,100	9,750	400	800	2,330	4,605	35

TABLE 8.—DETAILED STATEMENT FOR SELECTED

LEATHER, TANNED AND CURRIED—Continued.

	STATES AND TERRITORIES.	MATERIALS USED—TANNING—continued.							
		Hides for—Continued.		Skins					
		All other purposes.		Calf and kip.		Goat.		Sheep.	
		Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
1	The United States....	1,494,022	$4,642,808	5,213,147	$4,489,934	2,969,549	$1,827,576	17,641,294	$5,084,193
2	Alabama	2,800	5,905	1,919	1,586	1,374	656	553	103
3	Arkansas	1,250	1,560	245	239	40	12	100	110
4	California	32,350	101,553	92,092	70,298	55,554	23,950	1,246,227	510,802
5	Connecticut	6,480	12,860	2,138	1,780	2,504	760	291,182	144,137
6	Delaware	.....	.....	4,075	4,040	.....	.....	100,000	60,000
7	Georgia	4,290	6,765	25,210	24,188	273	144	3,675	919
8	Illinois	172,400	468,425	1,390,167	1,620,419	205,000	190,250	785,000	283,500
9	Indiana	35,177	67,176	17,741	18,188	43	23	6,140	1,430
10	Kentucky	26,432	67,196	9,671	12,992	1,614	659	48,328	24,053
11	Louisiana	200	425	2,184	1,423	3,700	1,510	40,000	17,260
12	Maine	23,986	68,723	13,121	8,973	.....	.....	2,307,316	423,524
13	Maryland	5,180	11,145	52,365	40,871	26,854	10,725	236,085	138,852
14	Massachusetts	32,709	86,922	545,882	324,253	818,900	512,906	6,027,076	1,431,107
15	Michigan	90,950	284,575	13,450	13,965	.....	.....	250,340	15,079
16	Minnesota	1,325	2,475	1,000	615	1	1	600,825	450,379
17	Mississippi	200	300	50	110	110	20	60	48
18	Missouri	30,600	65,750	3,400	3,200	10,400	2,660	111,900	23,040
19	New Hampshire	63,212	167,289	21,025	20,760	226,500	119,500	462,600	74,300
20	New Jersey	165,324	736,434	16,100	10,450	721,500	347,940	224,550	82,645
21	New York	327,342	977,500	1,451,083	1,130,376	489,044	377,117	3,359,470	898,543
22	North Carolina	7,317	7,910	3,446	3,408	288	226	1,947	451
23	Ohio	148,012	657,202	66,618	59,344	550	145	210,714	91,013
24	Oregon	6,034	15,974	5,633	4,644	25	10	51,300	7,000
25	Pennsylvania	147,001	445,222	543,345	429,642	251,590	118,728	858,915	252,800
26	Rhode Island	49,214	80,787	.....	.....	.....	.....	.....	.....
27	South Carolina	.....	.....	.....	.....	.....	.....	.....	.....
28	Tennessee	4,632	8,520	4,595	4,525	106	78	721	160
29	Texas	6,000	9,150	2,000	3,850	350	450	4,000	1,950
30	Utah	.....	.....	800	620	5	4	75,008	15,008
31	Vermont	16,200	43,400	183,300	103,096	.....	.....	1,000	350
32	Virginia	21,647	41,646	7,785	7,107	68	38	20,860	10,531
33	West Virginia	11,933	32,028	5,885	5,151	53	27	2,817	901
34	Wisconsin	50,875	162,751	724,240	557,879	146,251	114,438	205,144	118,801
35	All other states	2,950	5,240	2,582	1,942	6,852	4,599	17,441	5,406

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LEATHER, TANNED AND CURRIED—Continued.

MATERIALS USED—TANNING—continued.								MATERIALS USED—CURRYING.			
Skins—Continued.		Fuel.				Rent of power and heat.	Cost of all other materials.	Aggregate cost.	Currying materials.		
All other.		Total cost.	Coal.	Wood.	All other.				Oil, stearin, degras, tallow, etc.	All other.	
Number.	Cost.		Cost.	Cost.	Cost.	Cost.			Cost.	Cost.	
2,144,727	$1,264,678	$309,528	$248,489	$39,593	$21,446	$10,665	$851,319	$29,236,419	$1,570,382	$261,518	1
90	28	430	280	150	.....	.....	89	13,197	357	72	2
25	5	205	.....	205	.....	.....	25	5,700	120	.....	3
189,375	113,967	23,046	19,466	1,600	1,980	.....	12,959	1,246,538	46,387	4,952	4
.....	.....	2,824	2,149	675	.....	.....	100	201,977	5,885	498	5
.....	.....	30	30	.....	.....	.....	30	645	50	.....	6
30	8	2,670	2,500	170	.....	.....	605	62,132	2,694	292	7
11,000	5,250	16,685	15,885	.....	800	.....	19,120	1,011,221	46,810	4,700	8
12,994	6,051	3,041	2,319	335	387	.....	420	319,257	8,457	559	9
265	165	5,405	5,179	226	.....	.....	4,742	830,942	43,490	978	10
100	300	104	40	64	.....	.....	300	16,291	185	700	11
6,020	485	12,886	3,900	8,961	25	295	21,570	483,385	19,213	7,520	12
.....	.....	1,482	1,427	30	25	.....	2,619	157,126	4,711	1,850	13
182,900	65,750	60,372	52,404	1,368	6,600	6,653	58,478	8,309,966	518,406	107,371	14
295	759	3,678	2,553	25	1,100	.....	4,550	338,311	11,796	270	15
400	844	2,817	1,825	992	.....	120	325	35,345	2,645	.....	16
10	25	25	.....	25	.....	.....	30	.....	.....	.....	17
5,200	1,985	6,462	6,337	.....	125	170	6,180	519,590	16,340	800	18
1,400	2,200	19,209	7,810	10,399	1,000	.....	336,750	1,050,176	26,613	10,283	19
212,225	244,000	11,786	11,399	75	312	.....	58,664	272,672	5,128	1,010	20
1,465,070	757,247	66,681	56,709	8,422	1,550	2,950	66,411	2,047,698	143,971	3,127	21
235	275	506	.....	506	.....	.....	1,360	35,244	1,676	70	22
32,325	18,685	8,523	7,011	238	1,274	.....	62,841	2,001,431	81,987	3,896	23
330	260	1,115	.....	1,065	50	.....	825	50,823	1,610	200	24
15,367	37,737	39,135	31,940	1,650	5,545	200	70,125	4,974,117	251,762	45,774	25
.....	.....	4,348	4,348	.....	.....	277	10,488	182,006	8,267	334	26
.....	.....	85	.....	85	.....	.....	20	.....	.....	.....	27
180	96	1,126	655	471	.....	.....	886	48,537	2,412	125	28
2,825	2,735	96	71	25	.....	.....	140	17,265	540	436	29
5	13	414	414	.....	.....	.....	2,000	.....	.....	.....	30
.....	.....	540	.....	390	150	.....	22,935	51,231	2,290	50	31
685	575	1,869	1,495	374	.....	.....	2,733	123,020	2,432	190	32
380	36	928	578	27	323	.....	1,949	194,092	13,631	35	33
3,256	3,770	10,040	8,900	940	200	.....	80,830	4,612,651	299,617	65,276	34
1,731	1,427	965	865	100	.....	.....	220	23,833	900	150	35

TABLE 8.—DETAILED STATEMENT FOR SELECTED

LEATHER, TANNED AND CURRIED—Continued.

	STATES AND TERRITORIES.	MATERIALS USED—CURRYING—continued.							
		Sides of leather.		Skins.					
				Calf and kip.		Sheep.		All other.	
		Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
1	The United States	9,263,771	$22,769,570	1,654,958	$1,931,484	1,679,128	$586,503	684,622	$668,573
2	Alabama	7,189	10,778	914	1,141	148	112	391	426
3	Arkansas	2,700	5,200	50	150	50	150		
4	California	325,080	1,043,967	101,972	92,170	275,208	55,367	5,930	3,490
5	Connecticut	40,160	195,131						
6	Delaware	375	595						
7	Georgia	41,473	54,330	2,310	4,543	475	140	130	55
8	Illinois	191,840	594,400	38,500	69,801	675,000	285,000	11,000	9,500
9	Indiana	125,004	291,959	10,846	17,113	1,040	862	201	112
10	Kentucky	224,346	782,834	1,736	3,354	312	86	200	200
11	Louisiana	200	1,316	384	565	18,000	13,500		
12	Maine	174,326	429,945	10,579	14,314	30,130	11,663		
13	Maryland	35,758	98,454	35,871	48,978	2,350	2,295	3	2
14	Massachusetts	3,352,226	6,121,105	286,480	365,020	93,600	23,790	221,200	138,900
15	Michigan	79,120	305,970	10,950	20,085	300	125	50	40
16	Minnesota	8,000	32,000					200	300
17	Mississippi								
18	Missouri	159,048	401,500	2,100	3,150	900	660	6,700	5,485
19	New Hampshire	327,000	888,330	10,380	20,400	441,000	94,000	200	600
20	New Jersey	58,540	137,054	1,700	2,000	150	100	45,000	112,500
21	New York	513,982	1,341,793	302,495	310,306	18,630	10,225	223,584	132,295
22	North Carolina	19,254	29,900	2,181	3,388	310	130		
23	Ohio	483,366	1,881,068	10,005	13,635	477	222	15,100	16,905
24	Oregon	12,608	43,213	1,817	3,350	3,300	2,125	75	100
25	Pennsylvania	1,543,992	4,353,850	101,238	135,706	3,328	1,580	305	750
26	Rhode Island	123,428	165,805	1,500	2,850	12,000	4,700		
27	South Carolina								
28	Tennessee	17,700	44,820	600	1,040	150	90	100	40
29	Texas	3,000	6,000	1,600	5,600	4,000	3,370	650	1,169
30	Utah								
31	Vermont	23,520	48,600	150	187	50	25		
32	Virginia	47,490	93,509	2,520	4,060	276	171	586	724
33	West Virginia	49,000	179,626	500	700				
34	Wisconsin	1,263,920	3,073,741	715,390	787,678	97,344	76,015	153,017	244,980
35	All other states	9,160	22,183	100	200				

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LEATHER, TANNED AND CURRIED—Continued.

MATERIALS USED—CURRYING—continued.						PRODUCTS—TANNED.			
Fuel.				Cost of all other materials.	Aggregate value of products tanned and curried.	Total value.	Belting leather.		
Total cost.	Coal. Cost.	Wood. Cost.	All other. Cost.				Sides.	Value.	
$76,017	$71,635	$2,179	$2,203	$1,372,366	$138,282,004	$100,518,818	843,322	$3,972,986	1
				311	77,066	56,127	30	50	2
80		80			16,684	9,834			3
20	20			185	5,729,278	4,306,844	29,200	142,700	4
213	201	12		250	619,139	373,839	32,038	160,100	5
					91,200	90,500			6
78		78			433,863	361,415			7
1,010	1,000		10		8,240,803	7,109,903			8
115	100	15		80	1,241,306	867,319			9
					3,487,570	2,457,503	30,206	141,974	10
25		25			69,131	47,640			11
730	555	175			3,363,672	2,817,051	10,250	35,055	12
526	166		360	310	986,430	779,215	13,874	53,477	13
52,230	50,924	850	1,356	983,144	21,056,425	9,679,533	53,758	223,051	14
				25	1,743,760	1,372,370	7,800	58,100	15
400	400				700,217	658,342	100	250	16
					22,077	22,077	192	200	17
1,600	1,600			65	1,511,990	936,370	48,000	320,000	18
850	600	250		9,100	2,988,209	1,457,445	40,400	190,000	19
919	919			13,361	2,780,016	2,400,741			20
7,638	7,348	290		98,343	20,614,037	17,764,154	706	3,112	21
				80	190,887	145,917	100	240	22
2,618	2,108	260	250	1,100	6,701,670	4,407,067	100	500	23
				225	164,193	105,588			24
3,805	3,584	94	127	180,890	39,011,518	33,040,909	410,452	1,854,036	25
50	50				412,213	168,296	25,000	40,000	26
					21,900	21,900			27
10	10				1,266,556	1,213,036	60,000	360,000	28
75	50	25		75	90,890	68,139			29
					78,789	78,789			30
25		25		54	592,093	521,038			31
300	300			21,634	1,224,800	1,039,201	78,534	375,671	32
100			100		896,120	662,923	2,470	14,230	33
2,200	2,200			63,144	11,161,850	5,407,871	112	240	34
400	400				95,662	69,922			35

TABLE 8.—DETAILED STATEMENT FOR SELECTED

LEATHER, TANNED AND CURRIED—Continued.

	STATES AND TERRITORIES.	PRODUCTS—TANNED—continued.							
		Grain leather.		Harness leather.		Sole leather.			
						Oak.		Hemlock.	
		Sides.	Value.	Sides.	Value.	Sides.	Value.	Sides.	Value.
1	The United States	2,329,112	$5,436,678	3,228,794	$11,920,341	1,645,803	$6,702,410	8,060,944	$21,211,368
2	Alabama	4,200	10,000	7,210	13,520	3,644	6,693	250	1,000
3	Arkansas			2,300	4,830	40	55		
4	California	10,000	20,000	186,538	818,179	387,154	1,542,562		
5	Connecticut			78	180				
6	Delaware			150	230	150	230		
7	Georgia	1,000	1,400	53,342	96,152	22,902	42,427		
8	Illinois	104,100	282,300	172,480	578,538	30,000	50,000	231,000	819,500
9	Indiana	16,066	42,912	151,382	575,501	13,600	35,520		
10	Kentucky	40	200	237,112	936,393	236,625	1,184,401		
11	Louisiana			524	2,161	50	288		
12	Maine	94,920	234,785	1,050	3,890			695,854	1,371,728
13	Maryland			20,690	64,397	76,146	297,829		
14	Massachusetts	392,678	822,414					397,838	1,005,065
15	Michigan			65,400	248,910	36,082	112,500	141,720	350,538
16	Minnesota			8,600	34,271	200	480		
17	Mississippi	20	60	2,240	4,850	480	860		
18	Missouri			101,248	375,550				
19	New Hampshire	30,000	90,000	600	2,400				
20	New Jersey	108,520	354,680	5,800	14,850	1,500	3,750		
21	New York	605,096	1,301,919	159,740	645,204	242,500	835,620	2,040,782	5,297,856
22	North Carolina	125	156	23,479	44,024	7,728	15,300		
23	Ohio	80,000	434,500	540,928	2,194,852	23,440	97,700		
24	Oregon			11,750	36,245	120	480	40	190
25	Pennsylvania	166,700	319,900	760,763	3,018,726	304,466	1,341,135	4,380,786	11,886,795
26	Rhode Island								
27	South Carolina			6,000	12,000	200	500		
28	Tennessee			84,890	226,197	132,661	535,985		
29	Texas			13,200	23,050				
30	Utah			120	575	6,200	30,800		
31	Vermont	22,400	42,210	8,620	21,800			20,100	50,250
32	Virginia	950	1,975	47,806	123,140	62,757	303,420	1,750	2,800
33	West Virginia	25	75	75,562	268,025	56,358	261,875		
34	Wisconsin	691,772	1,475,872	470,992	1,510,911			150,824	425,646
35	All other states	500	1,320	8,200	20,700	800	2,000		

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LEATHER, TANNED AND CURRIED—Continued.

PRODUCTS—TANNED—continued.										
Sole leather—Continued.				Leather for all other purposes.		Calf and kip skins.		Goat skins, tanned and finished.		
Union.		Upper leather.								
Sides.	Value.	Sides.	Value.	Sides.	Value.	Number.	Value.	Number.	Value.	
2,898,630	$10,497,942	4,515,132	$9,625,533	2,364,602	$6,227,407	4,519,166	$6,497,552	3,288,055	$3,568,036	1
.....	.....	11,470	15,245	2,200	3,020	1,919	3,174	1,374	1,339	2
.....	.....	924	1,383	2,500	2,870	245	427	40	22	3
.....	.....	132,830	279,626	64,700	209,920	92,092	135,750	54,554	40,108	4
.....	.....	200	400	12,960	22,720	2,138	5,505	2,504	2,200	5
.....	.....	300	480	.....	.....	4,075	10,060	.....	.....	6
.....	.....	59,716	109,800	8,580	17,550	25,200	49,753	273	288	7
.....	.....	391,274	1,173,944	92,800	246,000	990,167	1,929,791	605,000	1,388,250	8
.....	.....	14,664	30,145	70,354	115,591	17,731	32,987	43	45	9
.....	.....	7,270	17,560	52,624	105,195	9,671	17,624	1,614	1,475	10
.....	.....	50	491	400	800	2,184	2,985	3,700	3,575	11
.....	.....	53,874	117,925	45,172	130,028	13,121	17,594	30	8	12
.....	.....	9,460	20,945	10,360	19,365	52,365	75,670	26,854	23,738	13
.....	.....	1,626,676	3,059,866	62,818	138,855	526,882	564,253	818,900	661,480	14
.....	.....	24,600	45,525	192,700	473,325	13,450	23,350	.....	.....	15
.....	.....	190	512	2,650	3,793	1,000	1,655	1	1	16
.....	.....	7,140	14,550	200	600	50	200	110	48	17
.....	.....	12,400	19,200	61,200	148,050	2,100	3,150	1,700	1,860	18
.....	.....	158,278	349,834	126,424	228,498	21,025	29,520	10,500	6,800	19
.....	.....	15,400	11,800	222,128	720,768	16,100	26,000	721,500	513,500	20
233,592	676,286	821,100	1,683,014	368,288	917,499	1,209,688	1,746,888	633,144	557,945	21
.....	.....	39,760	60,740	14,635	13,712	3,546	6,948	288	416	22
.....	.....	24,436	72,065	326,024	1,254,684	66,618	110,825	550	390	23
.....	.....	2,032	6,044	12,068	36,488	5,633	9,460	25	25	24
2,664,928	9,821,436	769,798	1,803,834	309,148	830,186	504,379	667,008	251,590	202,013	25
.....	.....	.....	.....	98,428	125,805	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	5,000	7,500	.....	.....	27
10	20	32,460	59,612	9,264	21,540	4,595	8,310	150	145	28
.....	.....	4,150	7,200	12,000	21,600	2,000	6,950	350	795	29
.....	.....	240	680	.....	.....	800	1,700	5	7	30
.....	.....	86,820	188,480	10,000	26,000	183,300	174,215	.....	.....	31
100	200	38,402	93,801	42,494	71,995	9,385	14,538	68	73	32
.....	.....	16,689	39,665	23,866	59,057	5,885	10,951	65	94	33
.....	.....	147,869	330,734	102,217	252,383	724,240	799,778	146,251	154,376	34
.....	.....	4,660	10,433	5,400	9,510	2,582	3,027	6,852	7,020	35

TABLE 8.—DETAILED STATEMENT FOR SELECTED

LEATHER, TANNED AND CURRIED—Continued.

	STATES AND TERRITORIES.	PRODUCTS—TANNED—continued.						
		Sheep skins.		All other skins.		Splits.		Value of all other products.
		Number.	Value.	Number.	Value.	Number.	Value.	
1	The United States...	15,937,595	$6,267,805	1,776,917	$1,701,244	4,520,495	$2,628,607	$4,260,909
2	Alabama	553	386	90	65			1,635
3	Arkansas	100	170	25	10			67
4	California	1,236,227	336,867	189,375	178,370	46,170	21,655	581,167
5	Connecticut	291,182	182,484			350	250	
6	Delaware	100,000	79,500					
7	Georgia	3,675	1,740	30	15			42,290
8	Illinois	785,000	368,500	11,000	9,500	372,350	120,080	143,500
9	Indiana	6,140	3,482	12,994	12,196	16,265	10,050	8,890
10	Kentucky	48,328	25,096	265	305			27,280
11	Louisiana	40,000	27,500	100	600			9,240
12	Maine	2,427,286	686,808	6,020	2,760	141,680	60,950	155,514
13	Maryland	236,085	191,345					32,449
14	Massachusetts	4,523,044	1,728,629	151,700	131,000	1,757,748	866,292	478,628
15	Michigan	250,340	50,155	295	1,342	6,500	3,025	5,600
16	Minnesota	600,825	120,620	400	1,760			495,000
17	Mississippi	60	94	10	40			575
18	Missouri	123,100	42,710	4,000	3,200	6,500	3,350	19,300
19	New Hampshire	462,600	103,009	1,400	2,600	141,500	71,068	383,725
20	New Jersey	259,775	204,800	107,000	230,500	224,695	185,703	134,390
21	New York	3,101,370	1,368,402	1,235,070	1,009,970	998,321	873,053	847,296
22	North Carolina	2,002	881	180	505			2,995
23	Ohio	210,689	118,771	32,250	40,325	40,300	31,700	50,755
24	Oregon	51,300	14,125	330	475			2,050
25	Pennsylvania	852,915	429,450	15,357	61,894	177,142	182,346	622,150
26	Rhode Island							2,491
27	South Carolina							1,900
28	Tennessee	691	288	169	109			830
29	Texas	4,000	3,370	2,825	5,174			
30	Utah	75,008	45,012	5	15			
31	Vermont	1,050	675			48,420	16,366	1,042
32	Virginia	20,860	5,615	660	776	1,525	150	45,047
33	West Virginia	2,805	1,973	380	113	120	40	6,825
34	Wisconsin	203,144	116,295	3,256	5,000	537,909	181,923	154,713
35	All other states	17,441	9,062	1,731	2,625	3,000	600	3,625

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LEATHER, TANNED AND CURRIED—Continued.

PRODUCTS—CURRIED.										
Total value.	Sides of finished leather for all purposes.		Calf and kip skins, finished.		Sheep skins, finished.		All other skins, finished.		Value of all other products.	
	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
$37,763,186	9,487,420	$28,712,787	2,042,789	$3,365,711	2,327,960	$1,252,897	989,402	$1,096,361	$3,335,430	1
20,939	7,189	18,148	914	1,613	148	230	391	748	200	2
6,850	2,700	6,450	50	200	50	200	.....	.....	.....	3
1,422,434	325,080	1,220,699	58,772	111,493	275,208	76,317	5,930	5,680	8,245	4
245,300	40,160	245,300	.....	.....	.....	.....	.....	.....	.....	5
700	375	700	.....	.....	.....	.....	.....	.....	.....	6
72,438	41,473	66,617	2,310	5,568	475	183	130	70	.....	7
1,130,900	191,840	691,600	38,500	107,300	675,000	319,000	11,000	13,000	.....	8
373,987	125,004	348,935	10,846	23,570	1,190	1,292	51	90	100	9
1,030,067	195,681	1,025,917	1,736	4,394	312	126	200	230	.....	10
21,491	200	2,118	384	873	18,000	18,500	.....	.....	.....	11
546,621	174,396	525,606	10,579	19,177	130	52	.....	.....	1,786	12
207,215	35,758	137,761	35,871	66,161	2,350	3,148	3	5	140	13
11,976,892	3,759,280	8,089,578	286,480	552,340	772,632	562,190	310,180	218,400	2,554,384	14
371,390	79,120	343,840	10,950	26,150	300	150	50	50	1,200	15
41,875	8,000	40,000	.....	.....	.....	.....	200	375	1,500	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
575,620	159,048	558,820	2,100	3,800	900	850	6,700	6,500	5,650	18
1,530,764	327,900	1,129,539	10,380	25,625	441,600	139,500	216,200	200,800	35,300	19
379,275	58,546	203,523	1,700	2,950	150	112	45,000	157,500	15,190	20
2,849,883	513,982	1,714,880	543,890	757,532	18,630	18,317	223,584	162,155	196,999	21
44,970	19,254	40,340	2,181	4,211	310	185	.....	.....	234	22
2,294,603	479,566	2,252,637	10,095	20,610	477	366	15,050	20,640	350	23
58,605	12,668	52,320	1,817	3,625	3,000	2,310	75	125	225	24
5,970,609	1,394,122	5,252,553	290,974	464,557	3,328	2,163	305	1,024	250,312	25
243,917	123,428	212,200	1,500	4,500	12,000	6,500	.....	.....	20,717	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
53,520	17,700	51,820	600	1,490	150	125	100	60	25	28
22,751	3,000	9,000	1,600	7,732	4,000	4,509	650	1,510	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
71,055	23,520	70,630	150	400	50	25	.....	.....	.....	31
185,599	47,440	108,948	2,420	5,640	226	178	586	833	70,000	32
233,197	49,000	232,197	500	1,000	.....	.....	.....	.....	.....	33
5,753,979	1,262,830	4,035,201	715,390	1,142,970	97,344	96,369	153,017	306,566	172,873	34
25,740	9,160	25,510	100	230	.....	.....	.....	.....	.....	35

TABLE 8.—DETAILED STATEMENT FOR SELECTED

PAPER.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.								
			Aggregate.	Value of plant.				Live assets.			
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Total.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	The United States....	567	$82,374,099	$56,289,244	$9,002,883	$18,250,116	$29,036,245	$26,084,855	$5,599,589	$6,428,314	$14,056,952
2	California	5	421,004	240,000	25,000	67,000	148,000	181,004	36,667	40,337	104,000
3	Connecticut	42	3,920,916	2,799,100	447,900	840,200	1,511,000	1,121,816	343,539	319,950	458,327
4	Georgia	3	117,400	86,000	16,000	25,000	45,000	31,400	4,500	8,400	18,500
5	Illinois	21	1,687,381	1,446,300	291,500	550,800	604,000	241,081	60,225	50,787	130,069
6	Indiana	22	1,307,805	1,067,913	130,850	245,550	691,513	239,892	78,911	64,570	96,411
7	Iowa	7	324,498	268,000	47,750	72,250	148,000	56,498	8,375	11,518	36,605
8	Maine	6	1,578,327	1,049,000	180,000	384,000	485,000	529,327	142,533	142,101	244,693
9	Maryland	17	919,766	702,980	90,580	236,600	375,800	216,786	53,607	58,369	104,810
10	Massachusetts	85	22,467,036	13,270,831	2,056,180	5,273,685	5,940,966	9,196,205	1,676,068	2,263,141	5,256,996
11	Michigan	21	1,779,540	1,327,383	148,000	450,278	729,105	452,157	118,377	75,318	258,462
12	Nebraska	3	185,500	171,350	40,600	50,000	80,750	14,150	1,700	1,950	10,500
13	New Hampshire	12	1,134,091	738,500	116,500	200,000	422,000	395,591	83,320	108,808	203,373
14	New Jersey	21	1,882,193	1,452,459	332,500	427,200	692,759	429,734	108,990	129,828	190,916
15	New York	128	15,636,411	11,337,126	1,915,400	3,765,880	5,655,846	4,299,285	1,116,245	854,912	2,328,128
16	Ohio	59	7,581,536	4,490,442	731,900	1,334,434	2,424,108	3,091,094	588,824	975,607	1,526,663
17	Pennsylvania	72	9,404,772	6,943,652	864,448	1,900,139	4,179,065	2,461,120	572,451	586,506	1,302,163
18	Vermont	14	2,977,111	2,062,500	160,500	586,000	1,316,000	914,611	208,652	136,600	509,359
19	Virginia	4	438,903	270,000	41,000	80,600	149,000	168,903	27,020	63,600	78,283
20	Wisconsin	19	4,927,318	3,989,952	974,975	1,006,600	2,008,377	937,366	214,746	176,321	546,299
21	All other states and territories. (a)	15	3,682,591	2,575,756	391,300	754,500	1,429,956	1,106,835	94,839	359,601	652,395

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.										
		Officers or firm members actively engaged in the industry or in supervision—Continued.			Clerks.						Operatives and skilled.		
		Females above 15 years.			Males above 16 years.			Females above 15 years.			Males above 16 years.		
		Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
1	The United States....	2	$19.04	$1,980	413	$18.88	$388,492	42	$9.69	$20,111	13,011	$10.93	$6,965,017
2	California	.....	.....	.....	1	51.28	2,000	3	14.62	2,280	119	14.31	79,832
3	Connecticut	.....	.....	.....	13	19.84	13,370	2	6.12	636	671	11.72	389,001
4	Georgia	.....	.....	.....	.....	.....	.....	.....	.....	.....	32	6.38	10,200
5	Illinois	.....	.....	.....	10	16.60	8,562	1	4.81	250	344	10.11	175,745
6	Indiana	1	23.08	1,200	10	13.65	5,856	2	9.82	936	286	11.69	155,757
7	Iowa	.....	.....	.....	4	18.23	3,120	1	7.55	360	52	10.65	24,887
8	Maine	.....	.....	.....	11	17.31	9,900	.....	.....	.....	696	9.27	292,080
9	Maryland	.....	.....	.....	6	13.91	3,240	.....	.....	.....	261	9.00	108,553
10	Massachusetts	.....	.....	.....	137	22.42	157,738	12	10.19	6,214	2,827	11.89	1,715,793
11	Michigan	.....	.....	.....	14	15.28	10,460	1	6.73	350	392	11.37	223,262
12	Nebraska	.....	.....	.....	2	9.63	960	.....	.....	.....	61	9.33	17,614
13	New Hampshire	.....	.....	.....	4	16.69	3,400	.....	.....	.....	295	9.75	145,326
14	New Jersey	.....	.....	.....	9	13.68	6,284	.....	.....	.....	325	11.48	177,475
15	New York	.....	.....	.....	62	16.81	51,561	6	8.91	2,780	2,285	10.48	1,127,237
16	Ohio	.....	.....	.....	39	16.67	31,254	4	10.71	1,914	1,310	9.98	624,888
17	Pennsylvania	.....	.....	.....	46	17.86	40,380	4	11.15	2,320	1,495	19.87	781,627
18	Vermont	.....	.....	.....	10	20.30	10,380	.....	.....	.....	684	10.03	353,298
19	Virginia	.....	.....	.....	2	20.19	2,100	1	5.77	300	80	8.81	33,444
20	Wisconsin	1	15.00	780	24	16.33	19,527	2	10.05	904	543	11.01	308,523
21	All other states and territories.	.....	.....	.....	9	18.87	8,400	3	7.84	867	343	14.13	222,475

a Includes establishments distributed as follows: Delaware, 2; Kansas, 1; Kentucky, 1; Minnesota, 2; Missouri, 1; North Carolina, 1; Oregon, 2; Rhode Island, 2; Utah, 1; West Virginia, 2.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PAPER.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS.					
								Aggregates.		Officers or firm members actively engaged in the industry or in supervision.			
										Males above 16 years.			
Total.	Rent paid for tenancy.	Taxes.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
$6,270,959	$213,481	$460,557	$473,802	$1,994,786	$9,642	$809,713	$2,308,978	29,568	$13,746,584	743	$33.44	$1,211,071	1
74,649	19,250	2,008	3,654	10,750	.....	17,800	21,187	186	131,951	13	35.59	22,900	2
302,592	16,196	18,515	21,089	80,088	.....	22,801	143,903	1,464	725,214	56	30.27	85,686	3
5,025	.....	825	500	2,500	.....	1,100	100	74	20,540	4	18.36	3,740	4
119,214	8,750	8,462	11,017	45,710	.....	9,600	35,675	795	355,138	26	23.22	30,444	5
111,071	3,920	8,363	11,415	33,154	.....	12,459	41,760	718	328,356	26	24.64	29,839	6
18,285	500	2,389	2,585	7,532	.....	3,579	1,700	197	80,510	5	24.08	5,425	7
145,807	.....	14,223	12,162	51,751	.....	6,000	61,671	775	371,980	7	43.68	15,900	8
157,569	1,100	4,590	5,485	24,848	.....	14,775	106,771	491	193,168	13	31.30	18,719	9
1,832,753	72,188	192,417	134,789	521,076	.....	237,023	675,260	8,111	3,906,641	145	44.47	322,230	10
134,658	.....	10,660	13,678	34,852	.....	22,882	52,586	938	451,483	42	31.03	64,196	11
14,908	.....	85	800	1,500	.....	1,519	11,004	78	22,352	1	36.12	1,800	12
62,222	1,100	7,167	5,272	28,209	107	2,080	18,287	502	233,276	16	33.47	27,414	13
81,268	1,100	8,558	14,640	24,840	.....	6,618	25,512	546	276,055	22	29.60	33,248	14
1,311,417	19,040	64,566	77,780	403,194	5,868	214,759	526,210	5,020	2,286,407	145	31.35	213,730	15
513,037	10,010	41,261	45,878	191,485	.....	63,748	160,655	3,042	1,324,302	78	35.87	137,509	16
646,472	7,050	24,820	53,002	210,471	3,667	57,504	289,958	3,059	1,386,935	58	32.41	87,895	17
224,705	12,900	8,236	10,306	111,279	.....	44,156	37,828	970	471,589	12	24.00	13,730	18
16,286	1,200	3,892	4,177	5,017	.....	1,500	500	188	74,383	4	48.25	9,618	19
342,700	15,677	31,304	29,469	142,034	.....	39,853	84,363	1,613	695,221	45	25.94	58,287	20
156,321	23,500	8,216	16,104	64,496	.....	29,957	14,048	801	411,083	25	25.35	28,752	21

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled—Continued.						Unskilled.						
Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
2,503	$5.08	$637,002	110	$3.11	$15,978	8,269	$8.33	$3,375,732	2,124	$4.83	$511,525	108	$3.41	$18,233	1
9	4.74	2,137	2	7.50	780	27	9.99	13,006	3	6.26	936	.....	.....	.....	2
170	4.24	36,200	9	4.07	1,824	314	9.07	138,166	189	5.37	48,273	2	4.40	400	3
10	3.64	1,800	.....	.....	.....	20	3.74	3,840	8	2.31	960	.....	.....	.....	4
30	4.51	7,025	19	2.93	2,840	342	8.26	125,046	18	4.70	4,363	4	2.69	513	5
27	4.86	6,528	4	4.87	760	297	7.88	113,661	46	3.91	9,056	6	4.50	1,170	6
6	4.81	1,000	2	3.85	200	104	9.03	41,411	23	3.88	4,107	.....	.....	.....	7
44	5.18	11,853	.....	.....	.....	84	8.34	36,498	23	4.88	5,839	.....	.....	.....	8
53	3.68	9,978	6	3.00	936	115	8.79	47,936	15	5.13	2,756	.....	.....	.....	9
941	5.57	268,024	2	3.13	312	1,716	9.03	792,569	701	5.52	196,821	12	3.49	2,150	10
121	5.80	36,104	7	3.04	1,105	247	7.52	91,673	49	5.28	10,701	4	3.01	600	11
2	6.02	600	.....	.....	.....	12	11.36	1,378	.....	.....	.....	.....	.....	.....	12
89	5.64	25,976	.....	.....	.....	51	8.49	22,652	44	3.75	8,508	.....	.....	.....	13
34	6.17	10,792	4	3.09	562	101	7.78	37,136	25	5.09	5,776	1	4.50	234	14
209	4.91	48,433	33	2.73	4,100	2,016	7.91	776,049	217	4.49	48,561	9	3.45	1,434	15
259	3.98	51,877	6	2.56	400	1,010	8.15	410,358	188	3.87	36,806	25	3.05	3,962	16
334	4.02	74,444	12	2.90	1,812	693	8.00	297,261	125	4.96	30,029	38	3.22	6,364	17
30	6.34	9,672	.....	.....	.....	202	7.56	77,349	32	4.30	7,160	.....	.....	.....	18
36	6.13	11,058	4	2.00	347	51	6.38	15,266	.....	.....	.....	.....	.....	.....	19
43	5.70	12,471	.....	.....	.....	514	8.53	199,733	405	4.25	87,348	5	5.31	806	20
56	4.29	11,030	.....	.....	.....	350	8.26	135,434	13	6.01	3,525	2	6.02	600	21

TABLE 8.—DETAILED STATEMENT FOR SELECTED

PAPER—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.						AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR.		WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK. (a)				
		Pieceworkers.								Males above 16 years.				
		Males above 16 years.		Females above 15 years.		Children.								
		Number.	Total wages.	Number.	Total wages.	Number.	Total wages.	May to November.	November to May.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.
1	The United States....	116	$48,938	2,118	$552,088	9	$417	11.17	11.06	22,436	534	485	1,421	4,163
2	California	9	8,080	.....	.....	.....	.....	11.40	11.40	160	1	.....	2	4
3	Connecticut	3	1,498	35	10,160	.....	.....	10.99	10.87	1,054	5	12	24	162
4	Georgia	.....	.....	.....	.....	.....	.....	11.33	10.67	56	34	8	.....	3
5	Illinois	.....	.....	1	350	.....	.....	11.33	11.29	722	12	22	40	179
6	Indiana	11	2,954	2	639	.....	.....	11.52	11.38	619	21	24	63	115
7	Iowa	.....	.....	.....	.....	.....	.....	10.86	11.00	165	3	.....	3	30
8	Maine	.....	.....	.....	.....	.....	.....	11.33	11.33	708	6	8	11	278
9	Maryland	.....	.....	20	1,500	2	150	11.70	11.70	395	24	14	75	94
10	Massachusetts	14	5,078	1,604	439,712	.....	.....	10.39	10.28	4,825	70	71	144	531
11	Michigan	9	4,032	52	9,000	.....	.....	11.55	11.36	695	35	9	50	156
12	Nebraska	.....	.....	.....	.....	.....	.....	11.67	12.33	76	8	.....	6	10
13	New Hampshire	.....	.....	.....	.....	.....	.....	10.79	10.88	369	4	.....	42	80
14	New Jersey	.....	.....	25	4,548	.....	.....	10.81	10.71	457	30	8	16	66
15	New York	30	10,837	8	1,676	.....	.....	11.24	11.05	4,508	88	62	473	936
16	Ohio	12	2,242	111	23,092	.....	.....	11.26	11.15	2,437	87	102	138	730
17	Pennsylvania	28	14,217	219	50,319	7	267	11.62	11.61	2,292	36	65	109	402
18	Vermont	.....	.....	.....	.....	.....	.....	11.32	10.96	908	13	23	24	140
19	Virginia	.....	.....	10	2,250	.....	.....	10.88	10.88	137	5	2	54	16
20	Wisconsin	.....	.....	31	8,842	.....	.....	11.32	11.37	1,126	43	15	76	144
21	All other states and territories.	.....	.....	.....	.....	.....	.....	11.53	11.33	727	9	40	71	87

	STATES AND TERRITORIES.	WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.					MATERIALS USED.							
		Children.					Aggregate cost.	Rags, including cotton and flax waste, sweepings, droppings, and flyings.		Old or waste paper.		Manilla stock, including jute bagging, rope, waste, and threads.		
		Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.		Tons.	Cost.	Tons.	Cost.	Tons.	Cost.	
1	The United States....	218	212	2	2	2	$42,223,314	246,892	$8,407,060	139,061	$3,139,842	524,862	$4,454,065	
2	California	2	.....	.....	.....	2	399,901	2,336	35,914	331	9,474	500	11,000	
3	Connecticut	11	11	.....	.....	.....	2,014,680	9,385	460,104	14,691	323,491	12,099	274,119	
4	Georgia	.....	.....	.....	.....	.....	45,695	425	8,250	240	3,300	425	18,750	
5	Illinois	23	23	.....	.....	.....	581,329	2,129	37,787	3,850	53,323	190	5,700	
6	Indiana	10	10	.....	.....	.....	809,490	536	20,655	2,385	45,523	946	20,164	
7	Iowa	2	2	.....	.....	.....	116,349	260	5,500	645	6,059	.....	.....	
8	Maine	.....	.....	.....	.....	.....	1,062,628	2,681	70,614	38	2,404	3,088	127,182	
9	Maryland	6	6	.....	.....	.....	552,604	1,494	51,618	3,741	21,419	1,707	58,697	
10	Massachusetts	14	14	.....	.....	.....	12,210,458	116,068	4,078,517	30,917	916,604	28,806	1,085,388	
11	Michigan	11	11	.....	.....	.....	1,451,698	3,307	142,965	10,432	343,123	2,383	74,186	
12	Nebraska	.....	.....	.....	.....	.....	27,128	.....	.....	50	300	.....	.....	
13	New Hampshire	.....	.....	.....	.....	.....	695,041	2,443	83,080	8,396	112,687	2,234	86,734	
14	New Jersey	5	5	.....	.....	.....	724,236	300	14,000	4,904	73,206	408,356	321,370	
15	New York	42	42	.....	.....	.....	7,629,039	22,616	700,517	20,479	361,223	22,896	852,215	
16	Ohio	31	31	.....	.....	.....	3,991,377	16,745	494,468	21,161	484,366	17,703	733,227	
17	Pennsylvania	50	50	.....	.....	.....	4,646,456	32,865	1,039,242	19,286	328,252	10,639	445,786	
18	Vermont	.....	.....	.....	.....	.....	1,208,412	5,075	194,405	220	3,800	7,221	174,842	
19	Virginia	4	4	.....	.....	.....	143,972	1,357	53,910	840	9,360	340	11,180	
20	Wisconsin	5	3	2	.....	.....	2,471,136	23,134	757,167	.....	.....	5,129	147,400	
21	All other states and territories.	2	.....	.....	2	.....	1,441,685	3,736	158,347	1,455	41,928	200	6,125	

a In comparing the weekly rates of wages and the number of employés at each rate with the average weekly earnings, it must be remembered that it is not practicable to obtain true average weekly earnings from the table of weekly rates, because the term of employment varies for the employés at the respective rates.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PAPER—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Males above 16 years—Continued.							Females above 15 years.										
$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	
3,282	4,384	2,521	2,564	1,870	555	657	4,671	2,130	1,290	919	139	103	43	32	7	6	2	1
.....	15	36	46	37	8	11	15	.....	8	3	.....	.....	1	.....	1	2	.....	2
82	280	136	160	117	44	26	361	172	49	117	14	8	1	.....	.....	.....	.....	3
5	1	2	.....	1	.....	2	18	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
149	124	66	62	38	18	12	49	23	21	5	.....	.....	.....	.....	.....	.....	.....	5
97	94	53	67	47	13	25	76	49	19	5	.....	1	.....	.....	1	.....	1	6
52	26	19	20	6	5	1	30	24	3	2	1	.....	.....	.....	.....	.....	.....	7
28	125	100	101	36	8	7	67	24	20	23	.....	.....	.....	.....	.....	.....	.....	8
56	45	26	26	22	6	7	68	40	21	7	.....	.....	.....	.....	.....	.....	.....	9
704	1,148	588	681	595	103	190	1,654	422	612	444	71	68	21	11	3	2	.....	10
65	105	84	81	44	32	34	171	56	84	7	.....	1	15	8	.....	.....	.....	11
7	16	7	13	8	.....	1	2	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	12
50	63	44	29	32	9	16	133	55	52	22	2	2	.....	.....	.....	.....	.....	13
30	84	75	72	43	10	23	59	31	2	19	.....	.....	.....	.....	7	.....	.....	14
743	874	454	447	256	70	105	432	237	80	85	15	6	5	4	.....	.....	.....	15
410	271	194	202	187	49	67	451	382	47	11	8	1	.....	.....	1	.....	1	16
345	461	335	261	176	40	62	463	256	125	76	3	.....	.....	1	1	1	.....	17
261	164	74	111	68	24	6	62	30	5	27	.....	.....	.....	.....	.....	.....	.....	18
14	25	2	9	2	2	6	37	12	1	.....	10	14	.....	.....	.....	.....	.....	19
161	307	116	90	102	36	36	451	271	114	51	11	2	.....	1	.....	1	.....	20
23	156	110	80	53	78	20	72	28	27	13	4	.....	.....	.....	.....	.....	.....	21

MATERIALS USED—continued.

Straw.		Ground wood pulp.		Soda wood fiber.		Sulphite wood fiber.		China clay or other mineral filling.		Colors.		Sizing materials and chemicals.	Other stock.	
Tons.	Cost.	Tons.	Cost.	Tons.	Cost.	Tons.	Cost.	Tons.	Cost.	Pounds.	Cost.	Cost.	Cost.	
355,131	$1,855,982	225,437	$4,482,959	71,639	$4,474,368	52,841	$3,308,838	49,616	$697,529	2,801,577	$422,506	$3,621,992	$1,574,741	1
4,553	23,623	4,360	146,010	58	4,640	495	36,135	.....	.....	960	1,344	18,470	9,920	2
350	4,200	2,342	57,325	4,155	278,217	2,455	112,809	3,343	49,248	164,096	34,639	154,426	29,475	3
.....	.....	370	4,500	10	600	.....	.....	10	65	2,100	900	4,580	.....	4
65,994	270,322	500	15,000	.....	.....	1,601	24,364	100	1,200	14,800	3,960	30,123	150	5
47,949	198,449	5,876	126,049	242	15,469	1,360	92,865	139	2,406	42,496	7,915	64,586	97,247	6
14,995	60,400	.....	.....	.....	.....	.....	.....	.....	.....	33,770	4,309	4,311	.....	7
.....	.....	5,785	147,165	9,617	353,376	1,393	86,686	918	10,108	4,020	4,434	93,988	42,353	8
7,777	49,004	5,223	112,113	1,712	101,948	976	65,334	595	7,531	15,352	3,334	27,962	.....	9
3,079	27,138	21,832	519,720	24,022	1,664,683	8,961	521,484	12,832	184,260	1,118,231	118,187	1,081,146	535,754	10
25,754	103,385	2,908	63,638	2,990	233,116	2,181	143,424	2,515	23,514	25,740	8,161	105,680	13,560	11
5,110	15,630	.....	.....	.....	.....	.....	.....	.....	.....	750	150	700	.....	12
160	4,200	4,854	102,663	1,547	103,607	797	45,925	850	11,638	105,661	8,312	44,416	12,000	13
1,560	15,100	561	12,745	172	11,852	1,275	89,208	687	6,820	31,950	3,548	50,315	50,092	14
52,694	482,184	79,489	1,549,902	3,776	247,082	16,386	1,055,919	13,258	168,208	228,623	63,819	574,828	227,327	15
85,882	414,738	20,880	393,847	5,975	339,257	2,399	181,814	4,377	89,055	444,405	44,617	266,207	8,800	16
8,845	56,079	10,026	272,638	10,183	652,614	5,768	337,360	4,720	64,182	467,512	69,280	437,262	318,479	17
300	1,800	20,003	407,376	353	24,310	1,875	134,844	1,420	16,835	14,610	4,375	79,386	47,538	18
3,217	17,096	10	300	155	9,265	.....	.....	20	500	9,500	5,000	12,205	8,402	19
12,053	50,214	36,593	553,187	2,431	146,282	3,635	236,082	2,407	45,194	23,309	19,618	213,449	60,471	20
14,859	62,420	3,825	88,790	4,241	288,050	1,884	144,585	1,425	22,765	53,632	16,604	357,952	112,633	21

TABLE 8.—DETAILED STATEMENT FOR SELECTED

PAPER—Continued.

	STATES AND TERRITORIES.	MATERIALS USED—continued.						PRODUCTS.				
		Fuel.				Rent of power and heat.	Cost of all other materials.	Aggregate value.	Book printing paper.		Cover paper.	
		Total cost.	Coal.	Wood.	All other.				Tons.	Value.	Tons.	Value.
			Cost.	Cost.	Cost.	Cost.						
1	The United States..	$3,387,028	$3,008,097	$190,908	$188,023	$273,331	$2,123,073	$74,309,388	128,614	$13,318,160	7,853	$836,327
2	California	71,900	31,248	34,250	6,402	.....	31,471	630,262	.....	.....	.....	.....
3	Connecticut	164,855	154,655	10,200	.....	14,695	57,077	3,556,257	7,535	1,053,730	404	45,373
4	Georgia	4,500	.....	4,500	.....	.....	250	93,874	.....	.....	.....	.....
5	Illinois	100,997	100,997	.....	.....	8,550	29,853	1,467,289	.....	.....	.....	.....
6	Indiana	56,570	18,277	.....	38,293	5,780	55,821	1,588,705	278	22,365	.....	.....
7	Iowa	31,270	27,909	3,361	.....	.....	4,500	268,934	.....	.....	.....	.....
8	Maine	74,268	72,684	1,584	.....	.....	50,050	1,762,440	6,060	578,360	.....	.....
9	Maryland	51,651	49,351	2,300	.....	.....	1,993	1,001,945	8,297	254,168	.....	.....
10	Massachusetts	811,811	796,666	15,145	.....	143,570	522,196	21,524,173	29,962	3,396,718	3,968	415,670
11	Michigan	143,135	116,075	4,060	23,000	5,000	48,871	2,292,984	7,948	1,153,886	65	7,898
12	Nebraska	10,338	10,338	.....	.....	.....	10	90,995	.....	.....	.....	.....
13	New Hampshire	61,578	55,479	6,108	.....	2,650	14,951	1,224,022	7,042	636,984	.....	.....
14	New Jersey	59,308	59,308	.....	.....	4,427	12,245	1,377,385	.....	.....	.....	.....
15	New York	571,739	532,076	39,663	.....	22,361	751,715	13,195,452	7,538	731,248	1,400	150,000
16	Ohio	389,246	310,594	.....	78,652	29,933	211,802	7,209,750	12,477	1,204,764	1,748	187,966
17	Pennsylvania	420,675	371,785	22,264	26,676	4,265	200,342	7,838,299	22,283	2,279,199	18	1,920
18	Vermont	67,889	62,074	5,815	.....	27,700	29,312	2,285,901	.....	.....	.....	.....
19	Virginia	12,329	12,329	.....	.....	3,500	925	310,991	410	41,060	.....	.....
20	Wisconsin	184,979	151,534	18,345	15,000	.....	57,093	4,216,593	12,398	1,239,924	.....	.....
21	All other states and territories.	97,990	74,677	23,313	.....	900	42,596	2,369,137	6,386	725,814	250	27,500

	STATES AND TERRITORIES.	PRODUCTS—continued.													
		Bogus manilla paper.		Binders' board.		Press and album board.		Leather board.		Trunk board.		Straw wrapping paper.		Strawboard, steam or air dried.	
		Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.
1	The United States...	24,562	$1,098,320	15,738	$680,404	1,067	$100,246	1,150	$73,412	2,024	$116,157	133,583	$3,292,082	80,057	$2,454,651
2	California	.....	.....	100	5,500	.....	.....	.....	.....	.....	.....	8,435	117,662	200	10,000
3	Connecticut	2,270	139,762	5,063	177,190	947	76,246	.....	.....	25	1,000	.....	.....	2,050	74,000
4	Georgia	128	8,320	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Illinois	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30,379	588,601	9,896	319,520
6	Indiana	456	33,977	.....	.....	.....	.....	.....	.....	.....	.....	7,850	186,677	14,496	384,820
7	Iowa	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,237	209,014	1,525	42,700
8	Maine	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Maryland	360	12,600	.....	.....	.....	.....	.....	.....	.....	.....	2,710	87,411	2,600	65,000
10	Massachusetts	2,135	196,600	1,000	38,000	120	24,000	612	46,525	.....	.....	.....	.....	.....	.....
11	Michigan	.....	.....	425	17,000	.....	.....	.....	.....	.....	.....	12,108	279,161	5,162	216,860
12	Nebraska	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,200	79,995	.....	.....
13	New Hampshire	40	2,400	.....	.....	.....	.....	538	26,887	.....	.....	.....	.....	95	3,100
14	New Jersey	2,600	112,000	1,806	109,733	.....	.....	.....	.....	713	59,917	.....	.....	1,906	61,345
15	New York	10,443	199,669	1,300	45,500	.....	.....	.....	.....	200	7,000	31,694	962,291	8,867	294,739
16	Ohio	.....	.....	2,108	167,100	.....	.....	.....	.....	1,086	48,240	15,404	419,687	30,247	899,450
17	Pennsylvania	403	22,060	3,936	120,381	.....	.....	.....	.....	.....	.....	1,019	36,008	1,745	51,400
18	Vermont	400	31,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	255	9,435
19	Virginia	300	9,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,013	22,282
20	Wisconsin	4,577	297,932	.....	.....	.....	.....	.....	.....	.....	.....	5,700	116,000	.....	.....
21	All other states and territories.	450	33,000	.....	.....	.....	.....	.....	.....	.....	.....	5,847	209,575	.....	.....

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PAPER—Continued.

PRODUCTS—continued.

News printing paper.		Plate or lithograph paper.		Writing paper, engine sized, or engine sized and tub sized.		Writing paper, animal sized, loft dried.		Envelope paper.		Drawing paper.		Manilla paper.		
Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Pounds.	Value.	Tons.	Value.	
196,053	$13,106,434	8,199	$1,331,118	22,532	$3,118,720	37,309	$7,158,640	5,489	$856,052	163,500	$100,300	101,353	$10,086,453	1
4,445	402,500											625	75,000	2
200	20,000	577	83,222	2,344	306,040	1,058	236,280	733	107,280			2,951	321,161	3
247	23,055											371	40,029	4
1,500	112,500													5
12,662	353,522											1,735	171,738	6
														7
7,608	611,188													8
4,530	294,447											1,591	151,534	9
17,320	1,308,000	6,866	1,107,999	9,289	1,574,510	32,456	6,130,681	3,751	640,472			26,801	2,738,034	10
3,361	240,898	106	13,897									1,324	123,043	11
														12
970	58,200													13
				350	52,500			5	800	2,000	300	5,687	654,412	14
75,464	4,666,754			3,808	450,000							20,316	1,852,779	15
10,571	730,891	50	6,000	875	112,500	1,237	251,416			160,000	10,000	19,475	2,130,491	16
10,588	779,017			4,873	498,819	1,198	295,463	300	37,500	1,500	99,000	11,564	1,136,948	17
15,237	1,043,793							700	70,000			6,796	515,610	18
600	50,000											80	6,400	19
23,988	1,764,084			993	124,351	1,360	244,800					1,937	163,274	20
6,762	647,585	600	120,000									100	6,000	21

PRODUCTS—continued.

Strawboard, lined.		Cardboard and ticket board.		Card middles.		Hanging and curtain paper.		Wood pulp board.		Blotting paper.		Carpet lining paper.		Hardware paper.		
Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	
20,530	$841,149	6,086	$881,015	7,421	$555,244	27,617	$1,937,661	15,828	$625,743	2,129	$425,856	8,960	$403,296	4,554	$261,154	1
																2
750	30,000	144	14,326	530	29,080			300	15,000	500	120,000	100	6,000	400	32,000	3
																4
3,802	136,940											100	2,800	602	18,553	5
2,963	150,040							2,000	68,000					145	4,350	6
														14	420	7
								5,449	237,960							8
342	10,260					885	57,525									9
300	18,000	3,210	523,136	1,800	117,000	3,716	265,438			70	11,121	3,655	186,883	583	59,831	10
								2,125	84,989			100	5,000			11
														150	5,000	12
		658	84,658	1,350	81,000											13
500	7,200							99	4,207							14
1,062	52,000			47	4,598	20,617	1,475,666	2,855	115,587			504	21,081	900	36,000	15
7,589	333,651	94	10,340							521	98,655	1,283	46,460	1,350	90,000	16
		755	86,055	1,700	184,000	2,399	139,032			400	75,000	3,218	135,072	350	15,000	17
				1,994	139,566			3,000	100,000	8	1,524					18
1,601	54,428									555	110,556					19
																20
1,621	48,630	1,225	162,500							75	9,000					21

TABLE 8.—DETAILED STATEMENT FOR SELECTED

PAPER—Continued.

	STATES AND TERRITORIES.	PRODUCTS—continued.									
		Building, roofing, or sheathing paper.		Colored paper.		Bank note, bond, and record paper.		Parchment paper.		Wrapping paper.	
		Tons.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
1	The United States	46,953	$1,638,187	10,878,057	$551,524	7,738,292	$1,324,116	1,562,500	$237,800	25,842,351	$655,483
2	California									140,000	4,200
3	Connecticut	500	16,000	2,702,768	170,882					269,000	5,500
4	Georgia			88,000	4,840					406,525	8,130
5	Illinois	5,250	84,366							7,193,160	186,689
6	Indiana	4,052	83,736	84,389	3,121						
7	Iowa									1,036,000	16,800
8	Maine										
9	Maryland										
10	Massachusetts	4,255	290,334	452,000	29,003	6,764,200	1,182,532	60,000	24,000	4,034,000	138,340
11	Michigan			1,350,000	49,250					3,852,400	93,602
12	Nebraska									400,000	6,000
13	New Hampshire			1,674,530	71,168						
14	New Jersey					125,000	25,000	552,500	75,000	240,000	36,000
15	New York	2,212	99,768	2,144,370	117,498					4,506,266	80,526
16	Ohio	4,160	164,510	1,092,000	46,440	849,092	116,584			3,000,000	57,900
17	Pennsylvania	20,014	795,231	1,140,000	51,922			940,000	138,800	734,000	19,796
18	Vermont										
19	Virginia										
20	Wisconsin	3,370	65,242								
21	All other states and territories.	2,600	39,000	150,000	6,500					40,000	2,000

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PAPER—Continued.

PRODUCTS—continued.													
Tissue paper.						Ground wood pulp.		Soda wood fiber.		Sulphite wood fiber.		Value of all other products.	
White.		Colored.		Manilla.									
Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.		
1,026,218	$88,720	1,127,909	$126,603	9,562,231	$1,013,279	64,721	$1,243,630	16,214	$840,909	6,845	$368,050	$2,562,493	1
280,000	15,400												2
213,000	20,660	208,000	20,100	670,000	52,160					1,500	90,000	293,205	3
						350	3,500					6,000	4
												17,329	5
189,499	19,588	162,680	16,264	244,495	16,483	250	5,000					69,024	6
													7
				3,769	334,932								8
						3,000	69,000						9
2,000	140	292,100	27,660			3,150	58,759	1,628	65,120	2,131	85,240	823,536	10
												7,500	11
													12
41,327	2,893	9,420	848	1,826,631	142,884	50	1,000					112,000	13
200,000	20,000	220,000	24,100	898,295	64,041							70,870	14
100,392	10,039	235,709	37,571	1,895,079	120,167	28,962	585,694	4,612	273,156	2,000	120,000	686,121	15
						1,186	34,580					42,125	16
				543,258	44,276	14,400	216,000	3,120	218,600			370,800	17
				3,345,704	223,711	6,884	138,930					16,332	18
				225,000	14,625							2,700	19
						6,039	122,176			1,214	72,810	6,000	20
						459	9,000	6,854	284,033			39,009	21

TABLE 8.—DETAILED STATEMENT FOR SELECTED

SLAUGHTERING AND MEAT PACKING, WHOLESALE.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.								
			Aggregate.	Value of plant.				Live assets.			
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Total.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	The United States....	611	$98,190,766	$36,052,521	$10,585,656	$17,092,271	$8,974,594	$61,538,245	$8,719,797	$53,939,261	$18,879,187
2	California	18	840,830	327,050	137,050	107,500	82,500	513,780	77,680	192,050	244,050
3	Colorado	4	340,150	117,050	40,000	19,900	67,150	223,100	9,750	98,850	114,500
4	Connecticut	10	547,750	328,500	86,000	151,500	91,000	219,250	13,900	90,800	114,550
5	Delaware	3	142,500	59,500	16,500	19,000	24,000	83,000	5,000	36,000	42,000
6	District of Columbia	24	118,230	75,775	36,350	32,800	6,625	42,455	7,155	5,550	29,750
7	Illinois	60	40,317,930	13,621,870	4,520,236	5,802,826	3,298,808	26,696,060	4,85[illegible]803	16,806,130	5,031,127
8	Indiana	12	1,694,280	565,444	80,300	406,209	78,935	1,128,836	146,287	567,810	414,739
9	Iowa	25	4,105,020	2,126,680	294,400	1,370,500	461,780	1,978,340	331,051	1,167,139	480,150
10	Kansas	15	11,064,683	4,657,473	1,241,225	2,606,349	809,899	6,407,210	267,235	4,922,696	1,187,279
11	Kentucky	17	1,415,373	357,300	93,950	175,200	88,150	1,058,073	27,633	394,222	636,218
12	Maryland	14	958,521	330,600	76,800	97,750	156,050	627,921	72,400	214,000	341,521
13	Massachusetts	14	6,599,248	2,597,950	838,600	1,332,650	426,700	4,001,298	486,550	1,979,841	1,534,907
14	Michigan	10	802,463	280,600	97,000	140,500	43,100	521,863	7,063	291,300	223,500
15	Minnesota	13	696,746	357,000	190,700	124,100	42,200	339,746	75,000	105,800	158,946
16	Missouri	41	4,611,745	1,420,695	425,370	593,400	401,925	3,191,050	921,825	1,190,365	1,078,860
17	Nebraska	6	4,305,700	1,569,000	147,000	927,000	495,000	2,736,700	253,387	1,579,121	904,192
18	New Jersey	22	914,610	467,000	113,600	170,700	183,600	446,710	65,910	132,050	248,750
19	New York	76	6,740,912	2,780,850	886,650	1,063,752	830,457	3,960,053	286,674	1,434,796	2,238,583
20	Ohio	70	3,100,425	1,256,890	449,115	471,410	336,365	1,843,535	157,668	880,719	805,148
21	Oregon	5	439,600	178,000	80,000	67,000	31,000	261,600	58,000	54,600	149,000
22	Pennsylvania	114	4,828,593	2,023,335	499,410	851,475	672,450	2,805,258	343,349	787,446	1,674,463
23	Rhode Island	10	753,100	89,100	17,500	15,000	56,600	664,000	58,800	245,100	360,100
24	Tennessee	3	54,500	26,000	8,750	10,250	7,000	28,500	1,500	5,000	22,000
25	Wisconsin	15	2,269,880	863,300	166,000	467,000	230,300	1,406,580	108,977	672,376	625,227
26	All other states (a)	10	527,977	174,650	43,150	68,500	63,000	353,327	48,200	85,500	219,627

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.											
		Officers or firm members actively engaged in the industry or in supervision—Continued			Clerks.						Operatives and skilled.		
		Females above 15 years.			Males above 16 years.			Females above 15 years.			Males above 16 years.		
		Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
1	The United States....	7	$32.34	$9,070	1,895	$15.23	$1,446,610	91	$8.50	$39,294	13,805	$13.72	$9,088,491
2	California				11	14.45	8,200	1	12.04	600	121	14.97	91,877
3	Colorado				7	20.13	7,328				20	16.30	16,952
4	Connecticut				13	19.85	13,244				334	9.83	167,123
5	Delaware				3	15.00	2,340				11	12.87	7,220
6	District of Columbia				2	17.31	1,800				57	10.07	29,593
7	Illinois	3	24.73	2,250	758	12.25	476,113	28	8.76	12,198	4,078	17.21	3,513,191
8	Indiana				41	13.40	25,759	4	4.92	960	206	11.63	89,327
9	Iowa				67	21.16	66,661	3	9.61	1,500	1,174	11.02	567,640
10	Kansas				167	17.18	146,767	6	13.78	4,240	1,968	12.87	1,266,872
11	Kentucky				16	15.48	10,564				318	9.48	101,945
12	Maryland				38	13.93	27,522	1	4.81	250	243	9.52	120,302
13	Massachusetts				54	17.16	38,896	3	7.94	1,238	534	11.96	203,378
14	Michigan				38	12.55	24,800	3	8.50	1,326	197	10.66	106,055
15	Minnesota				10	13.43	6,780	4	7.62	1,584	141	12.58	84,285
16	Missouri				68	18.01	60,186	4	6.01	1,250	586	12.38	337,698
17	Nebraska				111	17.59	93,990				636	13.75	433,539
18	New Jersey				30	13.53	20,484	2	5.00	520	234	12.91	152,268
19	New York	2	43.27	4,600	149	18.88	136,125	18	8.24	7,716	863	13.91	599,133
20	Ohio	1	46.15	2,400	98	15.50	76,838	2	5.38	560	857	11.03	461,781
21	Oregon				7	22.39	8,100				60	19.88	59,100
22	Pennsylvania	1	10.00	520	120	18.30	111,408	10	9.00	4,682	698	11.44	401,708
23	Rhode Island				32	16.08	26,762	2	8.59	670	108	12.44	67,621
24	Tennessee				1	6.02	300				22	9.27	10,500
25	Wisconsin				29	23.61	34,887				287	12.38	161,669
26	All other states				25	17.14	20,756				52	15.43	38,674

a Includes establishments distributed as follows: Maine, 2; New Hampshire, 1; South Dakota, 2; Virginia, 1; Washington, 2; West Virginia, 2.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

SLAUGHTERING AND MEAT PACKING, WHOLESALE.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS.					
								Aggregates.		Officers or firm members actively engaged in the industry or in supervision.			
										Males above 16 years.			
Total.	Rent paid for tenancy.	Taxes.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
$13,200,585	$413,931	$647,945	$928,768	$970,458	$2,794	$1,978,611	$8,258,078	40,409	$23,491,101	914	$37.13	$1,691,489	1
59,479	19,270	4,134	6,498	5,780	.....	5,720	18,077	203	170,363	28	27.78	40,080	2
29,640	2,000	1,460	2,130	3,850	.....	8,000	12,200	91	77,492	7	39.40	14,340	3
20,250	2,100	4,847	4,492	1,259	.....	2,737	4,815	388	202,638	14	22.05	14,000	4
3,392	.....	997	675	1,000	.....	20	700	42	24,600	3	16.48	2,500	5
11,029	618	868	421	3,360	755	80	4,927	109	57,083	25	14.71	18,170	6
6,301,900	47,164	356,172	448,307	488,472	.....	1,267,457	3,784,328	18,178	11,068,871	149	74.83	537,240	7
150,369	2,840	13,855	30,566	14,029	.....	25,821	63,258	1,173	522,042	18	33.13	20,100	8
452,147	70,300	21,341	63,739	64,601	.....	89,162	143,004	2,128	1,014,817	45	47.35	84,581	9
3,318,262	620	35,810	119,764	94,105	450	134,218	2,933,395	5,210	2,893,025	29	71.75	99,489	10
130,312	8,450	7,483	9,382	3,872	1,589	25,702	73,834	439	161,571	32	25.03	31,813	11
75,232	16,102	9,672	5,858	8,050	.....	13,910	21,640	421	225,112	14	35.90	26,132	12
470,515	9,890	42,730	53,827	27,735	.....	65,850	270,483	1,626	753,787	21	47.78	48,140	13
45,299	2,850	8,035	2,332	500	.....	3,282	28,300	321	186,464	17	35.73	26,783	14
66,350	17,960	2,459	4,943	13,775	.....	7,330	9,883	235	141,088	19	25.66	24,740	15
368,108	6,634	17,646	28,064	14,702	.....	66,234	234,828	1,267	729,624	67	34.15	110,310	16
443,550	.....	29,773	50,510	100,398	.....	122,196	140,673	1,981	1,127,382	7	47.27	17,000	17
100,627	11,865	6,086	4,648	10,035	.....	6,264	61,729	379	267,820	33	26.84	44,660	18
460,478	93,138	30,374	32,856	34,405	.....	51,368	218,277	2,186	1,412,241	95	31.21	140,361	19
193,933	26,729	19,617	15,644	23,250	.....	34,289	74,404	1,376	814,045	107	27.98	142,349	20
16,718	6,200	1,545	3,248	1,000	.....	2,750	1,975	100	108,400	11	48.87	27,000	21
215,850	43,660	18,661	19,864	24,584	.....	22,369	86,712	1,256	820,516	121	26.93	162,966	22
45,149	9,225	2,301	2,604	5,975	.....	6,190	18,854	291	186,009	15	30.83	23,248	23
1,782	.....	728	254	100	.....	700	.....	34	17,820	7	16.08	5,820	24
98,388	12,416	6,609	15,114	20,031	.....	11,282	32,936	782	386,854	16	19.69	13,694	25
41,826	4,000	4,742	3,028	5,530	.....	5,680	18,846	193	121,437	14	23.55	15,973	26

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled—Continued.						Unskilled.						
Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
82	$6.79	$26,913	58	$4.26	$11,956	20,796	$9.82	$10,155,500	389	$5.66	$111,556	587	$3.55	$108,033	1
.....	.....	.....	.....	.....	.....	42	13.64	29,606	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	57	13.11	38,872	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	27	9.99	8,271	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	25	9.65	12,540	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	2	4.00	416	23	6.35	7,104	.....	.....	.....	.....	.....	.....	6
14	9.20	6,000	17	5.17	4,300	11,455	10.12	5,888,243	229	5.84	69,584	391	3.54	71,981	7
3	6.99	1,000	.....	.....	.....	753	10.23	351,516	97	5.06	23,640	34	3.08	5,184	8
7	5.77	2,100	.....	.....	.....	822	7.37	289,995	.....	.....	.....	10	4.50	2,340	9
4	7.83	1,560	24	3.96	4,428	2,432	8.89	1,122,144	44	6.34	14,500	79	4.32	17,732	10
.....	.....	.....	1	2.00	104	52	9.23	14,730	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	1	3.00	156	114	8.20	48,600	3	4.17	650	3	2.88	450	12
3	1.03	50	.....	.....	.....	939	10.54	429,803	7	6.86	2,082	.....	.....	.....	13
1	6.25	325	.....	.....	.....	65	8.22	27,175	.....	.....	.....	.....	.....	.....	14
1	6.02	300	5	3.01	782	52	8.99	23,137	.....	.....	.....	.....	.....	.....	15
24	5.81	7,020	.....	.....	.....	460	9.39	205,210	3	3.85	600	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	1,119	10.42	542,044	.....	.....	.....	53	2.87	7,900	17
.....	.....	.....	.....	.....	.....	80	12.14	49,948	.....	.....	.....	.....	.....	.....	18
5	6.88	1,758	1	3.69	80	1,035	9.94	516,420	.....	.....	.....	2	2.66	196	19
6	7.37	2,300	2	2.88	300	280	9.31	119,950	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	1	4.81	250	21	12.85	13,950	.....	.....	.....	.....	.....	.....	21
11	5.50	3,100	1	7.50	390	287	9.05	131,696	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	3	4.81	750	131	9.85	66,958	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	2	6.02	600	.....	.....	.....	.....	.....	.....	24
3	11.97	1,400	.....	.....	.....	432	8.47	172,954	.....	.....	.....	15	2.88	2,250	25
.....	.....	.....	.....	.....	.....	91	9.91	45,034	6	2.40	500	.....	.....	.....	26

TABLE 8.—DETAILED STATEMENT FOR SELECTED

SLAUGHTERING AND MEAT PACKING, WHOLESALE—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued. Pieceworkers. Males. Number.	Males. Total wages.	Females. Number.	Females. Total wages.	Children. Number.	Children. Total wages.	AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR. May to November.	November to May.	WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK. (a) Males above 16 years. Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.
1	The United States	1,266	$655,135	516	$146,289	3	$156	10.50	10.45	37,410	536	356	872	1,308
2	California							11.17	11.17	202	1		3	2
3	Colorado							10.50	10.00	91			2	1
4	Connecticut							10.00	9.20	388			3	
5	Delaware							10.00	10.00	42				
6	District of Columbia							8.33	8.42	107	3	5	3	14
7	Illinois	797	416,943	259	76,828			10.28	10.28	16,446	168	164	231	245
8	Indiana			17	4,556			10.25	10.00	1,018	7	12	45	52
9	Iowa							10.42	10.38	2,108	135	17	101	382
10	Kansas	288	161,772	160	53,521			10.14	10.10	4,596	107	33	107	141
11	Kentucky	20	3,315					10.53	10.53	418	1	1	17	15
12	Maryland	4	1,650					11.36	11.36	469	31	2	37	12
13	Massachusetts	65	30,200					9.29	10.00	1,548	3	11	13	64
14	Michigan							10.70	10.60	317	2		2	20
15	Minnesota	3	480					10.15	10.15	222			14	20
16	Missouri	9	2,350	46	5,000			10.80	10.51	1,181	14	28	35	44
17	Nebraska	39	28,100	16	4,800			10.00	10.00	1,873	10	27	72	55
18	New Jersey							10.86	10.86	377			2	1
19	New York	7	4,368	9	1,584			10.58	10.63	2,142	19	21	29	33
20	Ohio	20	7,411			3	156	10.47	10.36	1,342	1	6	60	40
21	Oregon							12.00	12.00	99				
22	Pennsylvania	7	4,046					10.87	10.88	1,226	21	21	44	36
23	Rhode Island							10.30	10.30	286	3	6	7	13
24	Tennessee	2	600					10.00	10.00	32	7		5	1
25	Wisconsin							10.00	10.33	764	3	2	42	92
26	All other states	5	560					11.05	10.55	182				25

	STATES AND TERRITORIES.	WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued. Children. Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	MATERIALS USED. Aggregate cost.	Beeves slaughtered. Number.	Cost.	Sheep slaughtered. Number.	Cost.
1	The United States	645	609	27	8	1	$366,903,062	3,558,559	$127,157,705	1,677,157	$6,839,763
2	California						1,927,245	11,249	436,798	32,941	133,447
3	Colorado						1,825,249	30,320	880,900	24,950	70,650
4	Connecticut						3,172,333	4,256	166,631	1,800	10,800
5	Delaware	2	2				235,450				
6	District of Columbia	408	375	25	8		664,753	5,813	247,670	18,760	78,463
7	Illinois	34	34				169,934,270	2,392,663	85,138,107	1,137,770	4,807,367
8	Indiana	10	10				5,878,918	34,004	965,691	2,300	10,900
9	Iowa	103	103				17,375,828	14,537	332,910	6,782	29,552
10	Kansas	1	1				36,031,824	563,205	14,126,012	163,074	508,546
11	Kentucky	4	4				2,283,997	4,605	133,627	6,500	24,000
12	Maryland						3,668,147	20	600		
13	Massachusetts						13,185,256	1,100	54,550	650	2,957
14	Michigan	5	5				2,684,053	3,040	86,792	2,300	8,525
15	Minnesota						1,557,171	13,416	475,298	38,700	190,020
16	Missouri	53	53				12,439,412	30,895	710,730	4,134	13,628
17	Nebraska						21,717,327	201,570	6,634,288	44,023	185,477
18	New Jersey	3	3				4,529,988	5,267	254,000	7,000	28,000
19	New York	2	2				29,832,021	178,490	12,301,546	1,208	3,805
20	Ohio	1	1				11,269,900	43,213	1,359,480	11,049	49,885
21	Oregon	1				1	1,222,330	18,000	757,500	61,000	197,500
22	Pennsylvania	3	1	2			11,669,651	26,673	1,033,537	39,814	131,319
23	Rhode Island						4,213,329	200	5,000	15,600	76,200
24	Tennessee	15	15				124,000	1,040	15,600	1,300	4,000
25	Wisconsin						7,686,675	16,319	424,548	15,272	51,452
26	All other states						1,863,845	19,776	687,890	40,230	137,090

a In comparing the weekly rates of wages and the number of employés at each rate with the average weekly earnings, it must be remembered that it is not practicable to obtain true average weekly earnings from the table of weekly rates, because the term of employment varies for the employés at the respective rates.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

SLAUGHTERING AND MEAT PACKING, WHOLESALE—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Males above 16 years—Continued.							Females above 15 years.											
$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	
4,183	5,495	10,372	7,245	5,004	1,077	962	569	229	125	63	20	26	27	44	12	8	3	3	1
1	4	7	50	92	23	19	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2
1	5	8	21	36	9	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
2	290	24	18	32	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
5	3	25	.....	6	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
15	7	23	25	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
2,485	918	5,887	3,014	2,685	303	340	274	106	92	3	7	5	18	31	9	.....	3	.....	7
243	304	120	146	63	11	15	104	87	4	12	1	.....	.....	.....	.....	.....	.....	.....	8
136	513	209	388	130	56	41	10	.....	8	.....	.....	.....	.....	1	1	.....	.....	.....	9
312	1,215	888	1,084	540	110	50	54	.....	.....	33	16	.....	.....	.....	.....	5	.....	.....	10
19	256	40	25	21	14	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
53	95	81	43	35	15	4	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
190	346	474	221	91	67	68	13	3	1	7	.....	.....	.....	2	.....	.....	.....	.....	13
5	52	157	50	14	4	11	4	.....	.....	1	.....	2	1	.....	.....	.....	.....	.....	14
2	37	25	47	55	18	4	5	.....	.....	3	.....	.....	.....	2	.....	.....	.....	.....	15
46	229	214	317	139	53	62	31	15	10	.....	.....	3	2	1	.....	.....	.....	.....	16
50	125	669	481	265	86	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
10	14	85	132	98	12	23	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
357	264	494	367	389	94	105	25	1	1	3	2	13	.....	2	.....	1	.....	2	19
59	389	299	327	67	44	60	9	2	2	.....	.....	.....	4	.....	.....	.....	.....	1	20
.....	.....	5	8	15	60	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
46	164	367	286	122	51	68	22	5	4	1	3	3	.....	4	1	1	.....	.....	22
18	65	78	45	30	5	16	2	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	23
1	.....	11	3	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
117	176	155	108	37	16	18	3	.....	.....	.....	.....	.....	2	.....	.....	1	.....	.....	25
10	24	27	41	19	29	7	6	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26

MATERIALS USED—continued.

Hogs slaughtered.		All other animals slaughtered.	Dressed meat.	Fuel.				Rent of power and heat.	Cost of all other materials.	
				Total cost.	Coal.	Wood.	All other.			
Number.	Cost.	Cost.	Cost.		Cost.	Cost.	Cost.	Cost.		
19,132,463	$183,215,739	$963,100	$25,647,189	$1,360,892	$1,184,070	$146,658	$30,164	$11,972	$21,797,302	1
77,319	749,759	25,128	511,776	33,688	12,180	21,508	.....	.....	42,649	2
86,401	867,362	.....	.....	6,737	6,737	.....	.....	.....	200	3
264,330	2,854,559	.....	6,000	32,043	32,013	30	.....	.....	102,300	4
16,300	233,000	.....	.....	2,450	2,450	.....	.....	.....	.....	5
48,204	298,636	34,084	.....	1,960	610	1,350	.....	.....	4,000	6
6,514,518	61,892,886	492,042	538,690	470,911	461,609	9,166	136	.....	16,594,327	7
590,313	4,787,092	9,000	.....	33,280	3,870	2,690	26,720	10,000	122,955	8
1,730,087	16,493,765	20,192	38,400	64,759	62,144	2,615	.....	.....	396,250	9
2,338,616	20,792,476	44,832	.....	185,360	179,280	6,080	.....	.....	284,598	10
193,999	1,690,851	.....	392,763	12,485	11,567	918	.....	.....	28,271	11
236,607	1,570,131	.....	2,059,500	23,416	20,112	3,304	.....	.....	14,500	12
1,057,125	12,396,162	2,450	528,107	37,726	37,530	196	.....	282	163,022	13
158,516	1,299,037	4,150	909,743	6,156	4,956	1,200	.....	.....	375,650	14
94,000	766,052	22,080	55,000	11,221	7,034	4,187	.....	.....	36,600	15
741,751	7,057,228	17,211	4,209,175	52,051	45,856	6,195	.....	200	319,189	16
1,333,598	14,000,552	28,614	.....	108,448	62,560	45,868	.....	.....	759,948	17
169,641	1,384,868	2,500	2,764,814	20,501	20,251	250	.....	450	74,835	18
1,002,209	9,149,452	5,950	7,342,661	92,185	82,598	9,439	148	800	936,222	19
831,208	8,095,650	17,734	1,311,106	48,212	41,824	5,978	410	.....	387,833	20
16,000	173,000	49,000	37,180	6,450	.....	6,450	.....	.....	1,700	21
591,309	5,701,995	41,808	4,187,090	54,164	43,319	9,007	1,838	.....	519,738	22
293,376	3,776,239	.....	314,700	8,590	8,530	60	.....	.....	38,600	23
9,500	104,000	.....	.....	490	390	100	.....	.....	.....	24
686,041	6,510,848	95,127	5,300	35,845	34,170	1,675	.....	240	563,315	25
51,495	570,119	51,198	375,184	11,764	2,460	8,392	912	.....	30,600	26

TABLE 8.—DETAILED STATEMENT FOR SELECTED

SLAUGHTERING AND MEAT PACKING, WHOLESALE—Continued.

	STATES AND TERRITORIES.	PRODUCTS.						
		Total value.	Beef sold fresh.		Beef canned.		Beef salted or cured.	
			Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
1	The United States	$433,252,315	1,628,139,567	$90,253,144	133,428,456	$8,950,582	575,035,384	$23,229,378
2	California	2,420,673	5,654,820	428,514			1,405,800	80,068
3	Colorado	2,128,030	16,980,000	854,050			153,060	6,990
4	Connecticut	3,816,051	2,438,750	160,825			647,500	50,600
5	Delaware	302,460						
6	District of Columbia	858,439	3,810,300	231,301			310,000	16,600
7	Illinois	200,414,531	1,061,170,000	55,132,805	110,423,926	6,382,096	431,820,814	16,013,936
8	Indiana	6,924,801	7,791,757	499,803	7,335,339	476,797	2,369,600	81,525
9	Iowa	19,615,386	7,505,302	374,885			385,300	11,807
10	Kansas	44,592,671	195,224,084	10,083,950			94,656,793	4,336,046
11	Kentucky	2,968,227	1,280,750	92,096			233,150	16,273
12	Maryland	4,311,412					7,000	650
13	Massachusetts	16,692,851	765,750	53,212	15,000	1,250	1,640,000	97,660
14	Michigan	3,069,298	1,526,100	90,405			23,000	1,040
15	Minnesota	1,926,137	7,207,480	451,160			894,000	43,650
16	Missouri	14,789,012	13,897,558	728,993			1,600,531	75,516
17	Nebraska	24,026,876	111,102,299	5,462,052	5,147,991	514,799	1,789,800	93,652
18	New Jersey	5,252,552	3,109,600	237,760			912,400	81,982
19	New York	34,848,582	123,508,507	11,273,600	10,501,200	1,575,240	15,958,940	1,111,152
20	Ohio	13,280,649	22,169,050	1,245,233			3,126,000	222,022
21	Oregon	1,570,935	10,490,000	860,700			600,000	32,400
22	Pennsylvania	14,110,303	11,291,530	818,496	5,000	400	15,105,660	782,715
23	Rhode Island	4,627,366	130,000	6,000				
24	Tennessee	150,742	520,000	20,800				
25	Wisconsin	8,393,754	7,715,710	354,101			511,580	27,812
26	All other states	2,160,577	12,850,220	792,403			884,516	44,282

	STATES AND TERRITORIES.	PRODUCTS—continued.							
		Sausage, fresh or cured.		Refined lard.		Neutral lard.		Oleomargarine oil.	
		Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Gallons.	Value.
1	The United States	147,408,321	$9,151,549	520,818,931	$32,458,752	103,036,695	$6,636,414	13,342,841	$9,825,748
2	California	617,437	53,933	977,500	81,290	699,500	57,410		
3	Colorado	302,000	19,650	3,781,000	218,200	14,500	935		
4	Connecticut	307,600	19,013	5,041,800	336,185	60,000	3,600		
5	Delaware			500,000	35,000				
6	District of Columbia	1,580,000	139,100	710,000	49,800				
7	Illinois	70,609,789	3,646,368	157,986,806	9,621,597	37,200,268	2,675,056	11,725,366	8,864,242
8	Indiana	5,202,000	260,120	11,100,000	569,500	424,500	25,945		
9	Iowa	6,468,131	418,878	49,501,414	2,885,970	2,489,000	156,825		
10	Kansas	7,918,171	484,756	44,914,490	2,839,622	7,298,288	467,196	808,960	459,259
11	Kentucky	2,869,010	206,461	1,270,000	90,900	6,322,317	374,324		
12	Maryland	1,763,100	135,586	14,522,440	996,788	514,198	68,575		
13	Massachusetts	6,317,342	506,558	39,137,765	2,653,351	4,406,220	324,685		
14	Michigan	50,000	4,025	6,633,000	459,780	37,500	2,625		
15	Minnesota	1,659,500	114,840	2,257,000	156,268	120,000	7,000		
16	Missouri	3,840,606	194,515	17,171,908	960,643	14,118,250	913,015	34,020	20,412
17	Nebraska	2,633,900	149,134	39,536,491	2,412,189			774,495	481,835
18	New Jersey	3,375,040	307,754	9,328,000	594,744	1,268,000	75,740		
19	New York	9,765,884	848,890	45,188,996	2,770,367	19,522,908	931,203		
20	Ohio	8,277,100	591,198	25,801,566	1,611,502	3,783,870	233,786		
21	Oregon	500,000	46,400	64,090	6,210	30,000	2,400		
22	Pennsylvania	6,673,202	569,239	19,458,564	1,381,865	2,478,557	183,625		
23	Rhode Island	1,864,700	160,156	6,380,000	449,700	949,891	59,743		
24	Tennessee	249,500	16,657	10,000	1,050	186,000	13,950		
25	Wisconsin	3,722,900	196,279	18,640,979	1,210,031	69,600	4,058		
26	All other states	841,409	62,039	905,212	66,200	1,043,328	74,718		

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

SLAUGHTERING AND MEAT PACKING, WHOLESALE—Continued.

PRODUCTS—continued.

Mutton sold fresh.		Pork sold fresh.		Pork salted.		Hams.		Smoked bacon, sides, and shoulders.		
Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	
80,827,541	$6,089,175	654,546,685	$41,767,552	1,264,567,717	$77,714,640	529,077,511	$48,697,542	665,963,875	$44,640,481	1
1,579,647	124,553	2,038,806	167,047	3,203,378	281,996	5,957,529	610,590	4,091,847	412,887	2
1,002,750	70,192	3,584,500	241,650	6,575,170	524,679	1,421,080	120,200	16,000	1,120	3
175,009	3,750	16,942,146	1,190,512	12,876,280	905,445	9,915,180	877,865	1,870,146	125,601	4
		1,300,000	85,000	1,608,000	99,460	600,000	48,000	500,000	35,000	5
849,255	03,589	730,800	52,247	880,000	57,950	769,000	69,550	996,000	60,900	6
55,537,712	4,078,178	226,445,942	15,103,615	477,352,269	32,607,467	148,464,407	13,575,153	112,030,016	8,743,777	7
132,000	11,880	20,868,440	1,027,184	23,774,000	1,132,450	16,633,176	1,329,329	28,404,715	1,474,736	8
337,715	32,422	36,422,725	2,052,842	135,741,322	6,896,386	44,704,640	3,642,419	48,869,846	2,795,491	9
7,111,292	525,848	70,549,897	3,755,189	118,337,939	6,612,180	60,406,298	5,578,751	111,811,078	7,252,918	10
390,000	28,200	2,877,715	207,310	5,163,650	314,443	7,436,454	726,070	14,070,728	851,296	11
		3,698,259	277,288	3,764,231	240,770	11,135,371	1,177,029	20,821,852	1,389,323	12
22,750	2,844	34,691,640	2,563,640	81,863,860	4,858,055	31,584,996	3,156,540	29,075,852	2,108,376	13
109,250	9,337	2,162,200	136,803	9,859,500	657,180	6,114,800	551,975	17,550,200	1,134,125	14
1,984,000	206,330	3,294,000	167,190	5,960,000	320,050	2,055,600	181,346	1,724,600	132,220	15
206,740	15,336	22,244,009	1,324,752	55,115,434	3,026,627	28,217,682	2,364,952	77,960,823	4,748,664	16
2,120,195	161,477	32,559,250	1,932,964	144,533,879	7,715,739	17,472,608	1,422,279	23,986,127	1,648,014	17
350,000	31,500	27,151,873	1,655,664	6,869,039	458,856	8,263,347	859,862	11,338,213	855,360	18
117,000	10,250	55,477,185	3,682,009	55,038,410	3,598,276	44,127,887	4,218,542	43,902,011	3,025,976	19
745,685	61,248	19,922,315	1,231,552	19,513,787	1,319,168	31,514,719	3,081,085	52,625,080	3,291,980	20
2,914,000	234,400	1,410,000	120,800	1,070,000	95,200	94,500	11,775	162,000	16,400	21
2,042,140	144,643	16,398,114	1,434,136	14,824,806	944,798	34,276,998	3,398,575	50,973,525	3,660,223	22
624,000	81,900	29,690,500	2,040,435	11,947,250	799,272	7,293,024	715,155	3,880,000	261,800	23
65,000	3,900	54,000	3,040	965,000	57,900	220,800	22,080	67,000	5,360	24
559,250	46,418	20,541,549	1,054,462	65,300,241	4,042,050	8,897,201	805,055	5,948,054	382,090	25
1,852,250	110,980	3,480,820	260,221	2,430,272	142,243	1,499,614	147,365	3,288,162	226,844	26

PRODUCTS—continued.

Other oils.		Fertilizers.		Hides.			Wool.		Value of all other products.	
Gallons.	Value.	Tons.	Value.	Number.	Total weight.	Value.	Pounds.	Value.		
4,278,630	$3,522,577	102,521	$2,157,592	3,485,836	258,871,146	$14,705,486	2,516,995	$927,390	$12,524,313	1
11,500	7,500	130	1,800	11,209	640,940	35,978			77,107	2
				30,320	1,606,000	56,280			8,084	3
		180	2,800						139,855	4
										5
				5,813	401,010	20,791			66,611	6
3,535,805	3,185,364	74,504	1,770,646	2,365,906	184,687,288	10,634,610	2,430,285	998,906	7,470,715	7
				7,508	443,180	21,578			13,954	8
		4,568	54,017	14,537	882,860	49,402	21,050	5,412	238,570	9
400	160	5,498	75,230	503,938	30,030,496	1,653,937			467,629	10
6,750	1,700	113	1,540	4,005	222,875	13,382	42,000	8,400	35,832	11
20,000	15,000	104	1,800	20	1,000	50			8,553	12
13,500	70,750	3,232	60,500	1,050	84,000	4,200			231,230	13
				3,040	178,000	8,475	500	150	13,378	14
2,000	1,000	754	8,550	13,416	909,520	52,189	2,560	522	77,831	15
46,865	18,746	1,230	13,723	30,895	1,826,814	82,965			299,153	16
16,250	7,312	4,993	67,690	201,615	13,809,240	738,770			1,218,970	17
		254	6,362	5,267	420,860	25,025			61,943	18
345,000	187,000	1,372	21,044	178,496	15,305,398	866,328			728,705	19
		1,126	12,727	42,033	3,018,320	193,993			185,155	20
1,000	500			18,000	1,165,000	75,000	20,000	4,000	64,750	21
277,500	26,550	385	4,820	10,073	811,390	41,667			738,551	22
		810	6,800	200	14,000	700			45,705	23
				1,040	61,200	3,060			2,945	24
		2,717	37,593	16,319	1,105,955	65,039			168,766	25
2,060	995	551	9,950	19,876	1,254,800	62,916			160,321	26

TABLE 8.—DETAILED STATEMENT FOR SELECTED

SLAUGHTERING, WHOLESALE, NOT INCLUDING MEAT PACKING.

	STATES AND TERRITORIES.	Number of establishments reporting.	CAPITAL.							
			Aggregate.	Value of plant.				Live assets.			
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Total.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	The United States	507	$18,696,738	$8,349,270	$2,509,667	$3,211,822	$2,627,781	$10,347,468	$1,136,959	$3,136,596	$6,073,913
2	California	32	1,379,706	115,313	37,400	15,500	62,413	1,264,393	301,722	35,495	927,176
3	Connecticut	5	115,135	65,560	28,060	23,650	13,850	49,575	1,100	1,575	46,900
4	Illinois	21	489,185	236,675	112,300	95,000	29,375	252,510	34,110	67,650	150,750
5	Indiana	9	3,651,975	1,128,416	63,200	543,396	521,820	2,523,559	6,100	1,608,577	908,882
6	Iowa	4	380,000	89,600	600	23,000	66,000	290,400	25,900	212,500	52,000
7	Kansas	3	21,375	15,750	7,100	6,500	2,150	5,625	925	600	4,100
8	Kentucky	9	32,572	15,102	3,400	7,100	4,602	17,470	2,480	2,890	12,100
9	Maine	5	30,875	11,375	4,100	5,800	1,475	19,500	6,500	1,000	12,000
10	Maryland	3	34,560	22,310	4,200	15,600	2,510	12,250	1,400	5,850	5,000
11	Massachusetts	10	588,487	107,313	3,350	87,100	16,863	481,174	30,604	183,069	267,501
12	Michigan	20	223,760	125,985	66,550	56,000	13,435	97,775	5,900	2,775	89,100
13	Minnesota	5	44,600	19,800	10,000	6,000	3,800	24,800	7,900	2,800	14,100
14	Missouri	27	375,035	203,090	81,700	108,500	12,890	171,945	35,648	21,225	115,072
15	New Jersey	28	911,040	223,115	104,500	80,500	38,115	687,925	56,348	23,915	607,662
16	New York	105	5,864,548	2,992,290	288,840	1,380,500	1,322,950	2,872,258	326,890	567,768	1,977,600
17	Ohio	68	482,115	317,680	154,250	106,150	57,280	164,435	22,775	34,980	106,680
18	Pennsylvania	128	1,352,196	762,869	229,483	239,900	293,486	589,327	60,580	53,867	474,880
19	Utah	4	302,134	90,950	60,900	20,300	9,750	211,184	155,500	16,987	38,697
20	Wisconsin	7	352,941	191,227	68,784	93,926	28,517	161,714	13,295	28,068	120,351
21	All other states (a)	14	2,064,499	1,614,850	1,190,950	297,400	126,500	449,649	41,282	265,005	143,362

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.										
		Officers or firm members actively engaged in the industry or in supervision—Continued.			Clerks.						Operatives and skilled.		
		Females above 15 years.			Males above 16 years.			Females above 15 years.			Males above 16 years.		
		Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
1	The United States	1	$28.85	$1,500	457	$23.28	$536,582	14	$9.07	$5,914	4,206	$13.28	$2,690,488
2	California				46	27.04	63,680	2	8.05	820	141	17.81	129,012
3	Connecticut				2	12.85	1,336	3	9.50	1,482	6	13.43	4,190
4	Illinois				19	17.05	16,842				371	17.13	275,698
5	Indiana				57	22.06	64,920				997	16.51	542,881
6	Iowa				30	15.70	20,920	2	4.40	400	189	13.18	105,400
7	Kansas				1	5.00	260				7	7.64	2,780
8	Kentucky										20	10.15	10,332
9	Maine										8	11.30	3,588
10	Maryland										21	10.44	11,360
11	Massachusetts				21	28.82	31,469				147	12.59	96,208
12	Michigan				10	9.81	5,100				52	11.56	30,678
13	Minnesota				4	12.02	2,500				20	11.35	11,808
14	Missouri	1	28.85	1,500	5	15.77	4,100				123	12.67	81,044
15	New Jersey				23	21.27	25,342				219	14.71	166,716
16	New York				171	27.16	239,432	1	6.00	312	1,005	15.48	796,824
17	Ohio				4	16.26	3,382	1	5.77	300	159	10.20	83,265
18	Pennsylvania				29	17.26	20,416	2	13.85	600	546	11.12	219,575
19	Utah				2	17.31	1,800				48	16.01	39,680
20	Wisconsin				6	13.62	4,248				50	11.19	21,824
21	All other states				27	22.38	30,835	3	12.82	2,000	77	16.17	57,625

a Includes establishments distributed as follows: Colorado, 1; Delaware, 2; Florida, 2; Georgia, 1; Nebraska, 1; New Hampshire, 1; North Carolina, 1; Oregon, 2; Vermont, 1; Washington, 2.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

SLAUGHTERING, WHOLESALE, NOT INCLUDING MEAT PACKING.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS.					
								Aggregates.		Officers or firm members actively engaged in the industry or in supervision.			
										Males above 16 years.			
Total.	Rent paid for tenancy.	Taxes.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
$2,516,150	$293,770	$72,731	$99,637	$166,495	$1,000	$124,245	$1,758,272	7,537	$5,350,475	592	$27.17	$805,532	1
230,729	29,360	5,693	7,615	12,402	.....	11,498	164,161	377	353,764	56	26.72	77,050	2
22,115	300	1,033	773	3,530	.....	1,250	15,229	38	34,448	10	33.33	16,465	3
71,716	19,246	5,462	3,647	5,325	.....	1,000	37,036	738	518,534	27	32.70	42,724	4
1,207,864	730	901	18,887	61,671	.....	45,000	1,080,675	1,076	635,621	22	24.98	27,820	5
74,618	10,200	1,897	5,701	5,950	.....	13,720	37,150	600	297,140	6	58.46	15,200	6
3,938	300	223	215	550	.....	170	2,480	13	6,640	2	25.00	2,600	7
4,804	1,552	165	137	95	.....	.....	2,855	30	18,813	7	20.50	7,240	8
2,557	.....	207	140	610	.....	.....	1,600	19	9,288	9	13.17	5,250	9
927	.....	217	210	500	.....	.....	.....	23	13,180	2	17.87	1,820	10
26,867	6,800	3,469	5,259	880	.....	8,222	2,237	266	209,428	14	23.44	17,063	11
13,439	2,221	3,860	1,408	225	.....	350	5,375	95	57,834	19	19.18	18,200	12
4,103	1,330	120	253	400	.....	400	1,600	28	21,768	4	35.87	7,460	13
18,635	4,400	2,586	1,654	690	.....	820	8,485	172	139,394	30	29.71	46,350	14
56,998	33,691	1,285	2,852	790	.....	4,500	13,880	367	358,068	48	39.78	97,560	15
499,605	148,889	27,284	17,784	50,435	1,000	11,375	242,838	2,117	1,760,927	123	34.36	210,580	16
41,050	7,866	4,217	1,657	4,420	.....	1,140	21,750	257	169,905	74	20.09	75,540	17
100,722	21,810	5,305	3,287	3,570	.....	2,640	64,110	714	348,732	105	18.45	96,234	18
16,096	.....	2,117	214	1,500	.....	12,265	.....	74	60,754	10	25.37	12,970	19
10,124	25	1,816	2,427	1,550	.....	1,300	3,006	141	75,008	12	29.95	16,350	20
109,243	5,050	4,874	25,517	11,402	.....	8,595	53,805	392	261,229	12	19.26	11,056	21

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled—Continued.						Unskilled.						
Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
2	$2.65	$276	10	$3.23	$1,397	1,924	$10.81	$1,044,629	1	$10.00	$520	32	$5.10	$7,490	1
.....	.....	.....	.....	.....	.....	130	12.25	82,687	.....	.....	.....	1	4.62	240	2
.....	.....	.....	.....	.....	.....	16	12.57	10,455	1	10.00	520	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	294	10.97	164,742	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	313	9.54	135,720	.....	.....	.....	30	5.13	7,000	5
.....	.....	.....	.....	.....	.....	3	6.41	1,000	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	3	8.07	1,241	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	2	6.29	450	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	38	9.50	18,770	.....	.....	.....	.....	.....	.....	10
1	3.00	156	1	3.85	200	11	5.77	3,300	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	1	4.81	250	11	10.31	5,900	.....	.....	.....	1	4.81	250	13
.....	.....	.....	.....	.....	.....	38	12.94	25,568	.....	.....	.....	.....	.....	.....	14
1	2.31	120	1	2.84	120	671	11.22	380,295	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	18	7.77	7,218	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	2	3.92	408	25	7.49	9,549	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	1	2.77	144	13	9.11	6,160	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	73	8.70	32,586	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	4	2.12	275	265	11.54	158,988	.....	.....	.....	.....	.....	.....	20
															21

TABLE 8.—DETAILED STATEMENT FOR SELECTED

SLAUGHTERING, WHOLESALE, NOT INCLUDING MEAT PACKING—Continued.

	STATES AND TERRITORIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.				AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR.		WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK. (a)					
		Pieceworkers.						Males above 16 years.					
		Males above 16 years.		Children.		May to November.	November to May.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.
		Number.	Total wages.	Number.	Total wages.								
1	The United States	288	$253,647	10	$2,500	10.63	10.56	7,179	45	79	99	143	186
2	California	1	275	.....	.....	10.73	10.70	373	4	.....	3	7	2
3	Connecticut	.....	.....	.....	.....	10.00	9.20	34	.....	1	.....	1	.....
4	Illinois	27	18,528	.....	.....	10.38	10.38	711	4	1	1	1	4
5	Indiana	.....	.....	.....	.....	9.89	9.89	1,076	.....	.....	.....	.....	.....
6	Iowa	20	10,000	10	2,500	10.00	10.00	538	1	4	48	52	68
7	Kansas	.....	.....	.....	.....	10.00	10.00	13	.....	6	.....	.....	2
8	Kentucky	.....	.....	.....	.....	11.33	11.33	30	.....	.....	1	1	2
9	Maine	.....	.....	.....	.....	10.40	10.40	19	.....	.....	.....	2	.....
10	Maryland	.....	.....	.....	.....	11.33	11.33	23	.....	2	.....	.....	12
11	Massachusetts	46	45,918	.....	.....	10.00	9.70	220	1	1	1	.....	8
12	Michigan	1	200	.....	.....	10.65	10.45	92	2	9	9	3	3
13	Minnesota	.....	.....	.....	.....	10.00	9.20	28	.....	.....	.....	.....	.....
14	Missouri	.....	.....	.....	.....	10.67	10.67	169	1	4	.....	7	10
15	New Jersey	39	42,882	.....	.....	9.86	10.00	328	2	1	.....	2	1
16	New York	144	133,244	.....	.....	10.99	10.92	1,970	8	17	11	15	24
17	Ohio	1	200	.....	.....	11.01	10.85	255	7	7	10	10	5
18	Pennsylvania	5	1,950	.....	.....	10.41	10.38	705	9	11	9	18	22
19	Utah	.....	.....	.....	.....	11.50	11.00	73	.....	.....	.....	4	6
20	Wisconsin	.....	.....	.....	.....	10.57	10.57	141	1	4	4	4	17
21	All other states	4	450	.....	.....	10.64	10.50	381	5	11	2	16	.....

	STATES AND TERRITORIES.	MATERIALS USED.											
		Aggregate cost.	Beeves slaughtered.		Sheep slaughtered.		Hogs slaughtered.		All other animals slaughtered.	Dressed meat.	Fuel.			
			Number.	Cost.	Number.	Cost.	Number.	Cost.	Cost.	Cost.	Total cost.	Coal.	Wood.	All other.
												Cost.	Cost.	Cost.
1	The United States	$113,968,549	1,863,485	$66,191,105	4,501,292	$17,518,416	3,216,988	$24,012,870	$4,283,561	$27,154	$208,504	$198,935	$8,769	$800
2	California	6,147,815	129,643	3,187,102	598,161	1,826,623	134,166	1,023,853	101,616	.....	4,805	2,028	2,777	.....
3	Connecticut	255,739	419	17,447	36,952	186,319	35	469	49,604	.....	1,700	1,700	.....	.....
4	Illinois	10,969,642	261,351	7,372,100	525,090	823,475	343,045	2,565,930	120,550	.....	40,662	40,662	.....	.....
5	Indiana	18,546,552	585,100	17,476,000	111,750	508,550	64,212	492,059	27,620	.....	41,563	40,763	.....	800
6	Iowa	3,279,395	2,556	63,652	1,003	3,912	342,766	3,105,400	.....	.....	13,000	12,800	200	.....
7	Kansas	88,190	2,700	48,800	8,660	20,910	2,750	17,950	.....	.....	530	530	.....	.....
8	Kentucky	320,667	8,800	272,210	4,000	12,507	3,120	24,960	5,010	.....	180	180	.....	.....
9	Maine	177,007	2,219	96,400	22,500	68,050	635	8,267	3,750	.....	461	178	283	.....
10	Maryland	301,416	356	8,900	2,500	12,500	32,810	257,000	21,000	.....	1,116	1,116	.....	.....
11	Massachusetts	3,186,921	7,100	314,500	479,252	1,960,723	23,650	238,700	325,694	.....	7,894	7,894	.....	.....
12	Michigan	762,111	23,414	523,555	43,610	113,644	10,680	94,540	28,662	.....	960	610	350	.....
13	Minnesota	505,783	14,160	353,575	34,000	121,920	1,000	18,760	10,850	.....	221	75	146	.....
14	Missouri	2,702,940	73,969	1,805,775	27,030	101,570	86,390	706,193	77,977	.....	4,275	4,055	220	.....
15	New Jersey	11,703,593	58,116	2,978,068	486,318	2,072,603	920,125	6,085,541	548,418	.....	710	710	.....	.....
16	New York	37,728,159	348,563	19,285,073	1,695,321	8,032,875	960,121	6,958,984	2,284,696	.....	55,317	54,624	693	.....
17	Ohio	3,071,620	79,712	2,408,828	72,758	234,476	23,750	185,697	230,523	.....	6,671	6,471	200	.....
18	Pennsylvania	6,905,679	110,982	5,066,717	247,504	1,076,716	43,922	454,876	259,161	24,754	5,827	4,787	1,040	.....
19	Utah	457,064	10,476	309,609	25,982	85,703	4,320	43,854	16,000	.....	898	898	.....	.....
20	Wisconsin	1,489,998	52,898	1,056,169	37,198	102,190	25,662	171,782	143,580	2,400	4,471	3,551	920	.....
21	All other states and territories.	5,368,258	90,951	3,547,716	41,697	153,150	183,920	1,557,215	28,850	.....	17,243	15,303	1,940	.....

a In comparing the weekly rates of wages and the number of employés at each rate with the average weekly earnings, it must be remembered that it is not practicable to obtain true average weekly earnings from the table of weekly rates, because the term of employment varies for the employés at the respective rates.

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

SLAUGHTERING, WHOLESALE, NOT INCLUDING MEAT PACKING—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued. (a)

Males above 16 years.						Females above 15 years.									Children.			
$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	
771	2,320	1,391	1,066	595	484	18	4	1	3	1	1	2	5	1	42	31	11	1
27	10	101	85	73	61	2	.....	.....	1	.....	.....	1	.....	.....	1	1	.....	2
.....	10	6	9	2	5	4	.....	.....	1	1	.....	1	1	.....	.....	.....	.....	3
6	245	154	114	164	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
4	970	16	52	16	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
126	90	63	48	23	15	2	2	.....	.....	.....	.....	.....	.....	.....	30	20	10	6
2	2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
5	9	6	1	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
2	8	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	7	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
21	65	52	49	5	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
16	10	15	13	8	4	1	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	12
5	.....	20	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
20	18	60	14	18	17	1	.....	.....	.....	.....	.....	.....	.....	1	2	1	1	14
4	12	185	36	41	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
50	587	500	414	140	204	2	1	.....	1	.....	.....	.....	.....	.....	1	1	.....	16
29	71	47	21	30	18	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
304	93	78	93	38	30	2	.....	.....	.....	.....	.....	.....	2	.....	2	2	.....	18
.....	.....	6	47	4	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	19
60	27	6	11	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
90	93	64	56	30	14	3	.....	.....	.....	.....	1	.....	2	.....	4	4	.....	21

MATERIALS USED—continued.		PRODUCTS.										
Rent of power and heat.	Cost of all other materials.	Total value.	Beef sold fresh.		Beef salted or cured.		Mutton sold fresh.		Pork sold fresh.		Pork salted.	
Cost.			Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
$13,268	$1,713,671	$128,359,353	1,080,180,303	$62,338,819	1,254,347	$89,036	186,526,247	$15,908,848	471,101,856	$24,952,033	388,520	$22,830
.....	3,816	7,348,185	67,152,122	3,523,085	585,680	41,171	22,000,123	1,534,431	17,812,122	1,126,041	46,980	4,592
.....	200	337,327	291,357	23,209	.....	.....	1,492,993	220,597	9,375	562	.....	.....
1,000	45,925	11,876,851	144,393,750	6,852,960	100,000	5,000	14,591,300	760,847	66,341,000	2,915,180	.....	.....
60	700	20,989,039	301,618,000	15,088,725	.....	.....	4,490,350	446,110	9,772,000	571,767	.....	.....
.....	93,431	3,810,190	1,275,000	63,750	.....	.....	54,800	5,316	53,451,800	2,967,375	.....	.....
.....	.....	103,406	1,089,000	46,013	.....	.....	265,000	18,550	380,750	22,157	.....	.....
.....	5,800	405,784	4,674,500	292,450	.....	.....	199,000	14,940	499,200	31,794	.....	.....
.....	70	208,796	1,648,200	102,989	.....	.....	840,500	68,864	160,250	9,678	.....	.....
.....	.....	359,278	178,000	9,790	.....	.....	137,500	13,750	5,158,000	309,480	.....	.....
.....	339,410	3,528,794	5,366,000	304,520	10,000	350	20,969,005	1,928,644	4,134,000	248,127	.....	.....
.....	750	929,680	10,044,320	559,585	41,000	1,700	1,776,900	130,348	1,653,950	95,837	52,550	3,179
.....	517	584,294	7,121,500	364,585	.....	.....	1,498,900	132,580	424,500	21,225	.....	.....
.....	7,150	3,531,181	37,044,150	2,134,321	.....	.....	1,291,390	94,444	13,230,920	780,630	.....	.....
4,703	12,650	12,560,614	40,865,800	2,761,482	.....	.....	20,441,130	1,968,778	119,750,531	6,227,429	.....	.....
200	1,111,014	41,793,569	253,470,877	18,165,990	80,000	4,000	77,108,420	6,941,542	130,689,612	6,916,806	7,190	539
125	7,300	3,731,549	41,588,550	2,510,425	405,000	34,400	2,654,996	201,055	3,844,300	234,160	.....	.....
7,180	10,446	7,881,201	72,901,632	4,796,557	32,667	2,415	11,807,210	1,069,582	7,505,790	533,549	15,000	995
.....	1,000	545,200	5,801,400	334,533	.....	.....	1,427,804	94,280	666,000	53,790	.....	.....
.....	9,406	1,952,644	27,047,091	1,175,237	.....	.....	1,642,103	110,757	3,887,277	205,294	266,800	13,615
.....	64,084	5,881,671	56,618,144	3,229,513	.....	.....	1,984,723	153,433	31,730,479	1,681,152	.....	.....

TABLE 8.—DETAILED STATEMENT FOR SELECTED

SLAUGHTERING, WHOLESALE, NOT INCLUDING MEAT PACKING—Continued.

	STATES AND TERRITORIES.	PRODUCTS—continued.									
		Hams.		Smoked bacon, sides, and shoulders.		Sausage, fresh or cured.		Refined lard.		Neutral lard.	
		Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.	Pounds.	Value.
1	The United States	309,702	$35,366	265,501	$23,560	1,873,224	$146,786	15,666,898	$942,811	1,949,770	$103,832
2	California			75,000	7,500	275,220	24,060	64,482	5,596		
3	Connecticut										
4	Illinois	9,600	960	32,950	2,280	85,180	5,187	79,900	4,937	2,500	200
5	Indiana	39,000	3,510	1,000	70	24,000	1,920	65,000	4,062	61,000	4,800
6	Iowa							12,600,000	760,000		
7	Kansas									3,650	265
8	Kentucky					31,500	2,205				
9	Maine										
10	Maryland										
11	Massachusetts									265,000	12,000
12	Michigan	30,000	2,400	11,000	990	11,500	1,150			56,000	4,550
13	Minnesota										
14	Missouri					328,300	19,950	460,000	28,100	1,201,725	60,122
15	New Jersey			10,000	1,000						
16	New York	80,000	8,000			62,000	5,000	1,652,507	93,544	305,895	16,495
17	Ohio			16,400	1,344	5,200	520	307,600	16,645		
18	Pennsylvania	151,102	20,496	16,640	1,331	634,545	59,894	308,400	21,758		
19	Utah										
20	Wisconsin			82,511	6,645	249,579	13,900	126,509	7,869		
21	All other states and territories.			20,000	2,400	166,200	13,000	2,500	300	54,000	5,460

INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

SLAUGHTERING, WHOLESALE, NOT INCLUDING MEAT PACKING—Continued.

PRODUCTS—continued.												
Oleomargarine oil.		Other oils.		Fertilizers.		Hides.			Wool.		Value of all other products.	
Gallons.	Value.	Gallons.	Value.	Tons.	Value.	Number.	Total weight.	Value.	Pounds.	Value.		
3,257,811	$2,376,369	148,925	$67,435	12,879	$186,185	1,861,083	125,610,180	$6,540,296	8,610,856	$1,081,743	$13,543,404	1
						129,643	7,114,495	468,237			613,472	2
				35	525	419	29,330	1,364			91,070	3
45,000	27,000	25,000	8,000	744	12,170	256,214	16,787,700	753,880			528,250	4
1,575,000	1,204,875	52,500	23,625	465	3,500	585,100	33,024,000	1,495,084	3,500	420	2,140,571	5
						2,556	144,300	8,408			5,341	6
						2,700	128,000	4,695			11,726	7
						8,830	631,290	30,294	900	180	33,921	8
		150	150			2,219	206,005	10,690			16,425	9
						356	21,160	1,058			25,200	10
34,666	26,000	67,200	33,600	140	1,700	7,100	630,000	31,880	1,185,714	420,000	521,973	11
				20	200	23,414	1,246,820	60,299	3,330	825	68,617	12
						14,160	890,600	43,930	750	150	21,824	13
				215	3,100	73,944	4,933,300	218,030			192,484	14
						58,136	4,856,900	289,251	200,000	70,000	1,242,674	15
1,603,145	1,118,494	4,000	2,000	6,275	110,740	348,063	30,147,275	1,781,800	7,214,646	589,064	6,039,855	16
				1,890	23,120	81,962	5,501,500	298,872			411,008	17
				10	50	111,942	9,490,155	563,883	2,016	504	810,377	18
						10,476	672,900	22,954			39,643	19
		75	60	3,045	30,450	52,898	2,981,880	156,164			232,653	20
				40	630	90,951	6,163,570	299,523			496,320	21

MOTIVE POWER USED IN MANUFACTURES.

MOTIVE POWER USED IN MANUFACTURES.

Of the 355,415 establishments reporting at the Eleventh Census as engaged in manufacturing or mechanical industries, 100,735, or 28.34 per cent, report the use of motive power other than human or animal. At the census of 1880, 85,923 establishments, or 33.85 per cent of the total number, reported the use of power. The decrease in the percentage of establishments reporting the use of power is accounted for by the more thorough canvass in 1890 of the mechanical trades and the inclusion of certain industries, such as dressmaking and china decorating, that were omitted in 1880 and that do not use power to any extent.

The number of establishments reporting the use of power increased 14,812, or 17.24 per cent, during the 10 years from 1880 to 1890, while the total horse power increased from 3,410,837 to 5,954,655, or 74.58 per cent, as compared with an increase of 1,064,695 horse power, or 45.38 per cent, during the decade from 1870 to 1880. The average horse power per establishment for the establishments reporting the use of power increased from 39.70 horse power in 1880 to 59.11 horse power in 1890. During the same period the average horse power per engine increased from 38.69 to 50.12 and the average horse power per water wheel from 22.12 to 32.18. The average horse power per engine and that per water wheel are considerably reduced by the more general and extensive use of small engines and small hydraulic motors.

The increase in the total horse power and in steam and water horse power, respectively, in the different states and principal industries during the 20 years from 1870 to 1890 is shown in Tables 1 and 2. A comparison of the horse power reported at the different censuses can not be considered as an exact indication of the increase. Some industries that report the use of considerable power, such as quartz milled, and the manufacture of sugar on plantations, were included in the statistics of manufactures in 1870, but were assigned to other branches of the census inquiry in the reports for subsequent years. Bottling, cars and general shop construction and repairs by steam railroad companies, and gas manufacture were included in the report on manufactures for 1870, omitted in 1880, and again included in 1890. Cotton ginning was also included in 1890, but was not reported at the census of 1870 or that of 1880. It was found impracticable at the census of 1890 to make a canvass of the entire United States for the collection of statistics pertaining to the generation of electricity for lighting and power purposes, and the data for this industry are confined to the state of New York, the city of St. Louis, Mo., and the District of Columbia.

In certain industries in some states no establishments reported the use of power, while establishments engaged in the same industries in other states did report the use of power; the industry, therefore, is omitted from the total of the state in which no power is reported. In other industries, such as dressmaking, no establishments reported the use of power, and in such cases the entire industry is omitted.

A small percentage of the establishments reported at each census as engaged in industries in which power is of a necessity used failed to make reply to these questions. Therefore, while the totals may be accepted as a fair statement of the actual horse power used in the principal industries reported at the respective censuses, the comparison of the totals for all industries must be considered as only approximate. All of the establishments included in a general class, such as "Lumber and other mill products from logs or bolts", do not of necessity use power. This class of industry, for instance, includes not only lumber mills and saw mills but the manufacture of cooperage and basket and chair stock, shingles, and various other articles in the production of which power may or may not be used.

The returns for power used in "Cotton compressing" at the census of 1890 were very incomplete and the data reported have been excluded from the totals for that census. The power used in this industry and in "Hay and straw baling" may be considered as distinct from the motive power used in the running of machines, and the totals for the two industries in the different states are shown separately in the statement following.

POWER REPORTED FOR COTTON COMPRESSING AND HAY AND STRAW BALING, BY STATES: 1890.

STATES.	COTTON COMPRESSING.							HAY AND STRAW BALING.						
	Number of establishments reporting.		Total horse power.	Steam power.			Rented power—steam. (Horse power.)	Number of establishments reporting.		Total horse power.	Steam power.			Rented power—steam. (Horse power.)
	Total.	Reporting power.		Boilers.	Engines.	Horse power.		Total.	Reporting power.		Boilers.	Engines.	Horse power.	
The United States	52	44	10,040	119	71	10,020	20	65	35	651	36	37	641	10
Arkansas	4	3	625	5	6	625								
Georgia	9	8	1,605	21	20	1,605								
Illinois								5	5	137	5	5	137	
Iowa								5	2	22	2	2	22	
Kansas								4	2	15	2	2	15	
Louisiana	16	15	2,730	38	19	2,730		1	1	20	1	1	20	
Maryland								3	2	42	2	2	42	
Minnesota								8	1	4	1	1	4	
Mississippi	7	3	620	7	5	620								
Nebraska								1	1	15	1	1	15	
New Jersey								1	1	25	1	1	25	
New York								12	4	81	3	3	71	10
North Carolina	2	2	520	4	2	500	20							
Ohio								7	5	63	5	5	63	
Pennsylvania								8	6	183	8	9	183	
South Carolina	4	4	1,540	20	7	1,540								
Tennessee	1	1	80	1	1	80								
Texas	9	8	2,320	23	11	2,320								
Virginia								3	3	24	3	3	24	
Wisconsin								7	2	20	2	2	20	

In addition to the steam and water power, the accompanying tables show for 1890 motive power under the heads of "Electricity", "Gas", "Rented power", and power "Not specified". A large proportion of the "Electricity" and "Gas" power and power "Not specified" is rented, but as it was impossible to ascertain the exact amount, it is not shown separately.

The manufacture of salt, especially in the state of Michigan, is conducted largely in connection with the manufacture of lumber, and in many cases the steam used in the salt works is supplied from the boilers of the saw mill. A similar duplication occurs in cotton ginning and in other industries when the different industries are carried on in the same or adjoining buildings. A duplication in the amount of horse power reported as rented occurs when the establishment from which the power is rented is engaged in manufacturing and has made a return as such. It is impossible to ascertain the exact amount of such duplication, and the data have been tabulated and are presented for the respective industries as reported. The following statements show the amount of power duplicated in the accompanying tables, so far as it can be ascertained:

DUPLICATED HORSE POWER, BY STATES: 1890.

STATES.	Total horse power.	STEAM POWER.			WATER POWER.				Electricity. (Horse power.)	RENTED POWER.	
					Turbine wheels.		Other water wheels.				
		Boilers.	Engines.	Horse power.	Number.	Horse power.	Number.	Horse power.		Steam. (Horse power.)	Water. (Horse power.)
The United States	9,440	199	129	6,576	7	445	7	84	6	2,158	171
Arkansas	199	7	7	199							
California	75	2	1	75							
Connecticut	30									30	
Illinois	694	6	5	684						10	
Indiana	76	2	1	44						32	
Kansas	125	2	1	125							
Kentucky	50	2	2	50							
Maryland	18									18	
Massachusetts	2,925	34	32	1,728	6	435				676	86
Michigan	2,669	117	56	2,644						25	
Minnesota	80	2	1	80							
Mississippi	146	5	5	116	1	10				20	
Nebraska	2	1	1	1						1	
New Hampshire	213	1	2	100						113	
New Jersey	6									6	
New York	897	12	10	610			1	40		232	15
North Carolina	20									20	
Ohio	31								6	25	
Pennsylvania	766	1	1	45			6	44		671	6
South Carolina	10									10	
Texas	10	1	1	10							
Vermont	121									67	54
West Virginia	36	2	1	30						6	
Wisconsin	241	2	2	35						196	10

DUPLICATED HORSE POWER, BY INDUSTRIES: 1890.

INDUSTRIES.	Total horse power.	STEAM POWER.			WATER POWER.				Electricity. (Horse power.)	RENTED POWER.	
		Boilers.	Engines.	Horse power.	Turbine wheels.		Other water wheels.			Steam. (Horse power.)	Water. (Horse power.)
					Number.	Horse power.	Number.	Horse power.			
All industries	9,440	199	129	6,576	7	445	7	84	6	2,158	171
Bookbinding and blank-book making	7									7	
Boot and shoe cut stock	60	1	1	30						30	
Boot and shoe uppers	22	1	1	18						4	
Boots and shoes, factory product	291									291	
Bottling	6									6	
Boxes, cigar	22									22	
Boxes, wooden packing	5									5	
Brick and tile	51	1	1	15						30	6
Carpentering	277	4	4	208						69	
Carriage and wagon materials	135	3	2	100						35	
Carriages and wagons, including custom work and repairing	46									46	
Cheese, butter, and condensed milk, factory product	20	1	1	10							10
Chemicals	7									7	
Clothing, men's, factory product	9									9	
Coke	30	2	1	30							
Confectionery	2									2	
Cotton, ginning	239	7	7	199						40	
Cutlery and edge tools	2									2	
Electroplating	6									6	
Engravers' materials	5									5	
Fertilizers	10									10	
Files	4									4	
Flavoring extracts	29	2	2	29							
Food preparations	10									10	
Foundry and machine shop products	953	9	8	487	4	288				149	29
Furniture, cabinetmaking, repairing and upholstering	12									12	
Furniture, chairs	130									100	30
Furniture, factory product	529	6	3	344						185	
Glass	18									18	
Gloves and mittens	115	2	2	75			1	40			
Hardware	1									1	
Ice, artificial	35	1	1	35							
Instruments, professional and scientific	27	1	1	25						2	
Iron and steel, forgings	350									350	
Leather, morocco	75									75	
Leather, tanned and curried	45									35	10
Lumber and other mill products from logs or bolts	485	13	12	366	2	40	6	44			35
Lumber, planing mill products, including sash, doors, and blinds	479	4	2	310						109	
Marble and stone work	8									8	
Masonry, brick and stone	267	3	9	230						37	
Mattresses and spring beds	204	2	1	200						4	
Mineral and soda waters	6									6	
Models and patterns	48									48	
Musical instruments, organs and materials	35	2	1	25						10	
Oil, linseed	125	2	1	125							
Oil, lubricating	60									60	
Paper goods, not elsewhere specified	3									3	
Pens, steel	10									10	
Perfumery and cosmetics	20	1	1	20							
Plated and britannia ware	3									3	
Printing and publishing, book and job	128	3	2	100						28	
Printing and publishing, newspapers and periodicals	654	3	2	601					6	47	
Salt	2,629	116	55	2,629							
Shipbuilding	75	2	1	75							
Shirts	1									1	
Show cases	64	1	1	60						4	
Steam packing	151				1	117					34
Stereotyping and electrotyping	8									8	
Tinsmithing, coppersmithing, and sheet-iron working	3									3	
Tobacco, cigars and cigarettes	12									12	
Tools, not elsewhere specified	92	2	1	80						12	
Window shades	80	1	2	40						40	
Wirework, including wire rope and cable	93	2	2	50						43	
Wood, turned and carved	112	1	1	60						35	17

The great increase in power used in manufactures is due almost entirely to the increase in steam power. The total amount of power increased 3,608,513 horse power, or 153.81 per cent, during the 20 years from 1870 to 1890. Of this increase steam power formed 3,446,318 horse power, increasing 283.48 per cent, while the water power increased 132,912 horse power, or 11.76 per cent. The remainder of the total increase in horse power is 29,283, comprising 15,569 electric power, 8,930 gas power, and 4,784 unspecified power, none of which were reported in the census of 1870. In the decade from 1880 to 1890 the steam horse power more than doubled, and the water horse power increased only 3.10 per cent.

The percentage that the total horse power reported for each state is of the total for the United States, also the percentage that the steam and water power, respectively, in each state is of the total horse power reported for the state at the censuses of 1870, 1880, and 1890, are shown in the following statement:

PERCENTAGES THAT TOTAL HORSE POWER OF EACH STATE AND TERRITORY ARE OF TOTAL FOR THE UNITED STATES, AND THAT STEAM, WATER, AND OTHER HORSE POWER ARE OF TOTAL FOR EACH STATE AND TERRITORY: 1870, 1880, AND 1890.

STATES AND TERRITORIES.	PERCENTAGES OF TOTAL HORSE POWER.			PERCENTAGES OF STEAM AND WATER HORSE POWER FOR EACH STATE AND TERRITORY.						
				1870		1880		1890		
	1870	1880	1890	Steam power.	Water power.	Steam power.	Water power.	Steam power.	Water power.	All other power.
The United States	100.00	100.00	100.00	51.82	48.18	64.07	35.93	78.29	21.22	0.49
Alabama	0.80	0.81	1.72	41.28	58.72	57.22	42.78	89.71	10.21	0.08
Alaska	.....	.....	0.01	.....	.....	.....	.....	64.30	35.70	.....
Arizona	a 0.00	0.02	0.01	88.89	11.11	69.81	30.19	60.17	39.83	.....
Arkansas	0.33	0.46	0.64	79.79	20.21	87.14	12.86	95.25	4.64	0.11
California	1.08	0.97	1.23	72.89	27.11	85.27	14.73	91.96	6.98	1.06
Colorado	0.09	0.17	0.55	64.40	35.60	68.13	31.87	94.40	5.31	0.29
Connecticut	3.43	3.47	2.74	32.32	67.68	48.23	51.77	60.05	39.61	0.33
Dakota	0.01	0.07	(b)	76.54	23.46	63.89	36.11	(b)	(b)	(b)
Delaware	0.36	0.45	0.45	50.54	49.46	68.98	31.02	81.69	17.61	0.70
District of Columbia	0.08	0.09	0.19	41.77	58.23	72.00	28.00	91.51	7.08	1.41
Florida	0.16	0.21	0.27	85.73	14.27	86.86	13.14	96.47	3.09	0.44
Georgia	1.63	1.50	1.41	28.31	71.69	41.24	58.76	65.93	33.71	0.36
Idaho	0.03	0.05	0.03	51.32	48.68	32.46	67.54	48.58	51.17	0.25
Illinois	3.67	4.23	4.81	84.95	15.05	87.91	12.09	93.66	5.62	0.72
Indiana	4.28	3.86	3.21	76.57	23.43	83.45	16.55	91.18	8.54	0.28
Indian territory	.....	.....	0.01	.....	.....	.....	.....	82.31	17.69	.....
Iowa	1.69	1.59	1.31	63.97	36.03	62.44	37.56	83.36	16.25	0.39
Kansas	0.35	0.62	0.72	78.05	21.95	63.89	36.11	81.02	18.03	0.95
Kentucky	1.69	1.60	1.39	80.69	19.31	83.59	16.41	91.91	7.60	0.49
Louisiana	1.07	0.33	0.51	99.43	0.57	99.21	0.79	97.55	0.22	2.23
Maine	3.39	2.95	2.53	11.89	88.11	20.66	79.34	29.07	70.77	0.16
Maryland	1.38	1.50	1.23	43.06	56.94	64.80	35.20	78.21	21.26	0.53
Massachusetts	7.86	9.08	8.70	42.58	57.42	55.33	44.67	68.59	30.85	0.56
Michigan	4.51	4.83	4.31	67.03	32.97	79.12	20.88	84.38	15.27	0.35
Minnesota	0.86	1.58	1.89	35.18	64.82	46.75	53.25	75.28	24.29	0.43
Mississippi	0.53	0.54	0.59	80.33	19.67	81.31	18.69	92.13	7.79	0.08
Missouri	2.35	2.37	2.44	87.93	12.07	89.89	10.11	95.87	3.28	0.85
Montana	0.07	0.04	0.05	50.83	49.17	36.32	63.68	74.51	23.38	2.11
Nebraska	0.14	0.25	0.39	56.33	43.67	35.31	64.69	73.24	26.10	0.66
Nevada	0.36	0.02	0.01	70.30	29.70	84.92	15.08	85.49	1.61	12.90
New Hampshire	3.28	2.57	1.96	11.40	88.60	21.19	78.81	40.79	59.09	0.12
New Jersey	2.48	2.93	3.03	55.57	44.43	72.90	27.10	89.84	9.77	0.39
New Mexico	0.04	0.04	0.03	27.66	72.34	31.42	68.58	82.30	17.70	.....
New York	14.25	13.31	13.05	37.72	62.28	51.70	48.30	69.18	30.10	0.72
North Carolina	1.41	1.32	1.23	20.94	79.06	33.32	66.68	36.25	43.38	0.37
North Dakota	.....	.....	0.06	.....	.....	.....	.....	83.92	15.05	1.03
Ohio	7.43	7.66	7.03	74.33	25.67	85.20	14.80	92.61	6.61	0.78
Oklahoma	.....	.....	a 0.00	.....	.....	.....	.....	100.00	.....	.....
Oregon	0.35	0.40	0.55	29.85	70.15	31.89	68.11	69.84	29.10	1.06
Pennsylvania	15.51	15.02	16.57	60.99	39.01	78.48	21.52	91.29	8.34	0.37
Rhode Island	1.79	1.86	1.90	56.03	43.97	65.02	34.98	75.55	24.13	0.32
South Carolina	0.64	0.76	0.77	30.38	69.62	46.37	53.63	63.74	35.90	0.36
South Dakota	.....	.....	0.09	.....	.....	.....	.....	80.21	18.94	0.85
Tennessee	1.62	1.52	1.42	48.62	51.38	64.27	35.73	81.45	18.34	0.21
Texas	0.56	0.90	1.15	85.97	14.03	91.79	8.21	95.60	3.84	0.56
Utah	0.11	0.14	0.09	13.24	86.76	24.61	75.39	49.96	48.60	1.44
Vermont	2.19	1.86	1.66	12.52	87.48	17.51	82.49	24.40	75.47	0.13
Virginia	2.11	1.68	1.38	16.95	83.05	34.47	65.53	55.29	44.47	0.24
Washington	0.12	0.13	0.72	49.98	50.02	73.04	26.96	88.35	11.38	0.27
West Virginia	1.16	1.11	0.93	62.70	37.30	75.06	24.94	80.70	19.01	0.29
Wisconsin	2.74	3.11	3.00	47.50	52.50	57.25	42.75	67.81	31.81	0.38
Wyoming	0.01	0.02	0.03	90.12	9.88	94.97	5.03	87.92	11.81	0.27

a Less than one-hundredth of 1 per cent.

b See North Dakota and South Dakota.

The preceding statement indicates the relative importance of the different states and territories in the total horse power used in manufactures, and the displacement of water by steam power in each state and territory. The distribution of the total horse power and the relative importance of steam and water power in the different geographical divisions, and in some of the principal industries at the censuses of 1880 and 1890, are shown by the two statements that follow. These statements give for each geographical division and for each industry, respectively, the total horse power reported and the relative amount of steam and water power.

TOTAL HORSE POWER AND PERCENTAGE OF STEAM, WATER, AND OTHER POWER FOR GEOGRAPHICAL DIVISIONS: 1880 AND 1890.

GEOGRAPHICAL DIVISIONS.	1880					1890					
	Total horse power.	Steam power.		Water power.		Total horse power.	Steam power.		Water power.		Other power.	
		Total.	Per cent.	Total.	Per cent.		Total.	Per cent.	Total.	Per cent.	Total.	Per cent.
The United States	3,410,837	2,185,458	64.07	1,225,379	35.93	5,954,655	4,662,029	78.29	1,263,343	21.22	29,283	0.49
North Atlantic	1,809,515	1,029,920	56.92	779,595	43.08	3,104,109	2,254,526	72.63	835,603	26.92	13,980	0.45
South Atlantic	294,186	148,618	50.52	145,568	49.48	468,717	321,393	68.57	145,421	31.02	1,903	0.41
North Central	1,028,680	799,910	77.76	228,770	22.24	1,743,110	1,516,591	87.00	216,424	12.42	10,095	0.58
South Central	210,520	163,076	77.46	47,444	22.54	442,194	400,916	90.67	39,496	8.93	1,782	0.40
Western	67,936	43,934	64.67	24,002	35.33	196,525	168,603	85.79	26,399	13.43	1,523	0.78

TOTAL HORSE POWER AND PERCENTAGE OF STEAM, WATER, AND OTHER POWER FOR SELECTED INDUSTRIES: 1880 AND 1890.

INDUSTRIES.	1880					1890					
	Total horse power.	Steam power.		Water power.		Total horse power.	Steam power.		Water power.		Other power.	
		Total.	Per cent.	Total.	Per cent.		Total.	Per cent.	Total.	Per cent.	Total.	Per cent.
Agricultural implements	44,731	32,086	71.73	12,645	28.27	50,395	40,673	80.71	9,667	19.18	55	0.11
Boots and shoes, factory product	11,574	11,164	96.46	410	3.54	30,686	27,885	90.87	1,874	6.11	927	3.02
Cotton goods	275,504	120,750	46.01	148,754	53.99	464,881	265,509	57.11	198,982	42.80	390	0.09
Flouring and grist mill products	771,201	301,214	39.06	469,987	60.94	752,365	368,587	48.73	383,872	51.02	1,906	0.25
Hosiery and knit goods	11,561	6,069	52.50	5,492	47.50	34,538	22,005	63.71	12,360	35.79	173	0.50
Lumber and other mill products from logs or bolts.	821,928	543,242	66.09	278,686	33.91	961,316	759,078	78.96	201,651	20.98	587	0.06
Paper	123,912	36,301	29.30	87,611	70.70	242,176	90,419	37.33	151,593	62.60	164	0.07
Silk and silk goods	8,810	7,248	82.27	1,562	17.73	29,638	24,427	82.42	4,864	16.41	347	1.17
Woolen goods	106,507	52,897	49.67	53,610	50.33	122,501	67,195	54.85	55,030	44.92	276	0.23
Worsted goods	16,437	10,135	61.66	6,302	38.34	57,111	44,458	77.84	12,437	21.78	216	0.38

The percentages that the total horse power and the total steam and water power reported for the different geographical divisions and for some of the principal industries are of the total horse power used in manufactures are shown in the following statements:

PERCENTAGES THAT TOTAL HORSE POWER, STEAM, WATER, AND OTHER POWER REPORTED FOR EACH GEOGRAPHICAL DIVISION ARE OF TOTALS FOR THE UNITED STATES: 1880 AND 1890.

GEOGRAPHICAL DIVISIONS.	TOTAL HORSE POWER.		1880		1890		
	1880	1890	Steam power.	Water power.	Steam power.	Water power.	Other power.
The United States	100.00	100.00	100.00	100.00	100.00	100.00	100.00
North Atlantic	53.05	52.13	47.13	03.62	48.36	66.14	47.74
South Atlantic	8.03	7.87	6.80	11.88	6.89	11.51	6.50
North Central	30.10	29.27	36.60	18.67	32.53	17.13	34.47
South Central	6.17	7.43	7.40	3.87	8.60	3.13	6.00
Western	1.99	3.30	2.01	1.96	3.62	2.09	5.20

PERCENTAGES THAT TOTAL HORSE POWER, STEAM, WATER, AND OTHER POWER REPORTED FOR SELECTED INDUSTRIES ARE OF TOTALS FOR THE UNITED STATES: 1880 AND 1890.

INDUSTRIES.	TOTAL HORSE POWER.		1880		1890		
	1880	1890	Steam power.	Water power.	Steam power.	Water power.	Other power.
Agricultural implements	1.31	0.85	1.47	1.03	0.87	0.77	0.19
Boots and shoes, factory product	0.34	0.52	0.51	0.03	0.60	0.15	3.17
Cotton goods	8.08	7.81	5.80	12.14	5.70	15.75	1.33
Flouring and grist mill products	22.61	12.63	13.78	38.35	7.86	30.39	6.51
Hosiery and knit goods	0.34	0.28	0.45	0.58	0.47	0.08	0.59
Lumber and other mill products from logs or bolts.	24.10	16.14	24.86	22.74	16.28	15.96	2.00
Paper	3.63	4.07	1.66	7.15	1.94	12.00	0.56
Silk and silk goods	0.26	0.50	0.33	0.13	0.52	0.39	1.18
Woolen goods	3.12	2.06	2.42	4.37	1.44	4.36	0.94
Worsted goods	0.48	0.06	0.46	0.51	0.95	0.98	0.74

The gradual distribution of motive power among all classes of manufactures and in all sections of the country is indicated by the two preceding statements. While the relative amount of power controlled by the manufacturers in the geographical divisions that report the largest amount of power in 1880 has decreased, a corresponding increase is shown for those divisions in which the use of motive power was not carried to such a degree. The per cent of the total horse power reported by the principal industries decreased during the 10 years from 1880 to 1890 in almost every instance.

The number of establishments reporting the use of power is not shown for the census of 1870. The following statement, however, gives the average horse power per establishment for some of the principal industries reported at the censuses of 1880 and 1890:

AVERAGE HORSE POWER PER ESTABLISHMENT: 1880 AND 1890.

INDUSTRIES.	AVERAGE HORSE POWER PER ESTABLISHMENT.	
	1880	1890
Agricultural implements	34.92	66.31
Boots and shoes, factory product	15.62	22.50
Cotton goods	288.18	527.08
Flouring and grist mill products	31.79	40.97
Hosiery and knit goods	51.15	58.94
Lumber and other mill products from logs or bolts	32.01	49.62
Paper	179.06	436.35
Silk and silk goods	44.72	77.18
Woolen goods	53.68	94.23
Worsted goods	216.28	410.87

The average horse power per employé in the principal industries is shown by the following statement, as obtained from the total horse power and the total of the average number of employés reported for the respective industries at the census of 1890. The number of employés used as a divisor does not include officers, firm members, or clerks.

Agricultural implements	1.30
Boots and shoes, factory product	0.23
Cotton goods	2.12
Flouring and grist mill products	15.87
Hosiery and knit goods	0.58
Lumber and other mill products from logs or bolts	3.60
Paper	8.54
Silk and silk goods	0.60
Woolen goods	1.59
Worsted goods	1.33

The classification of the reports of establishments engaged in mechanical and manufacturing industries at the census of 1890 was controlled by the product of chief value. Therefore, the report of an establishment engaged in the manufacture of iron and steel and continuing the manipulation of the metal until a more highly finished product, such as nails, spikes, bolts, or rivets, was produced, would be assigned to the classification covering its finished product.

The horse power reported by all establishments engaged in the manufacture of iron and steel by means of blast furnaces, rolling mills, and steel works or forges and bloomeries, irrespective of the form of the finished product, amounted to 784,358 horse power during the census year 1890; in addition there was reported 41,368 horse power represented by engines that were idle during the year, making a total of 825,726 horse power as compared with 433,159 in 1880, being an increase of 392,567 horse power, or 90.63 per cent. During the same period the proportional amount of horse power reported as idle decreased from 8.29 to 5.01 per cent. From 1870 to 1890 the total horse power reported for the industry increased 655,051 horse power, or 383.80 per cent, and the average horse power per establishment increased from 211 to 985 horse power, or 466.82 per cent. The displacement of water power by steam power in the manufacture of iron and steel is indicated by the fact that in 1870 steam formed 90.28 and water 9.72 per cent of the total active power, while in 1890 steam formed 98.59 and water 1.41 per cent of the total.

The average tonnage of product per horse power for all branches of the industry decreased from 21.4 in 1870 to 18.2 in 1880, and increased to 23.2 in 1890. The average tonnage of product per employé increased from 47.1 in 1870 to 51.6 in 1880, and 106.4 in 1890, and the average horse power per employé from 2.2 in 1870 to 2.8 in 1880 and 4.6 in 1890.

The statistics concerning horse power reported for the different classes of establishments engaged in the manufacture of iron and steel are shown in detail in the special report on "Iron and steel" in Part III of the report on Manufactures for the Eleventh Census.

TABULAR STATEMENTS.

Tables 1 and 2 present in comparison the total horse power, the total steam horse power, and the total water horse power reported at the censuses of 1870, 1880, and 1890, for the different states and territories and selected industries, respectively.

Tables 3, 4, 5, and 6 give in detail the horse power as reported at the census of 1890; No. 3 presents the data by totals of states and territories; No. 4, by totals of specified industries; No. 5 gives the total for each specified industry in each state and territory, and No. 6 shows the contribution of the total of each state and territory to the total for each specified industry.

TABLE 1.—POWER USED IN MANUFACTURES, BY STATES AND TERRITORIES: 1870 TO 1890.

STATES AND TERRITORIES.	TOTAL HORSE POWER.									
	1870	1880	1890	1870 to 1880				1880 to 1890			
				Increase.		Decrease.		Increase.		Decrease.	
				Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
The United States	2,346,142	3,410,837	5,954,655	1,064,695	45.38			2,543,818	74.58		
Alabama	18,751	27,576	102,333	8,825	47.06			74,757	271.09		
Alaska			451					451			
Arizona	90	530	826	440	488.89			296	55.85		
Arkansas	7,646	15,733	38,344	8,087	105.77			22,611	143.72		
California	25,370	32,921	73,324	7,551	29.76			40,403	122.73		
Colorado	2,225	5,802	32,734	3,577	160.76			26,932	464.18		
Connecticut	80,374	118,232	163,233	37,858	47.10			45,001	38.06		
Dakota (a)	324	2,224	b9,144	1,900	586.42			b6,920	311.15		
Delaware	8,533	15,428	26,516	6,895	80.80			11,088	71.87		
District of Columbia	1,889	3,143	11,444	1,254	66.38			8,301	264.11		
Florida	3,700	7,147	16,058	3,447	93.16			8,911	124.68		
Georgia	38,243	51,169	84,221	12,926	33.80			33,052	64.59		
Idaho	606	1,682	2,001	1,076	177.56			319	18.97		
Illinois	86,044	144,288	286,666	58,244	67.69			142,378	98.68		
Indiana	100,369	131,770	190,898	31,401	31.29			59,128	44.87		
Indian territory			424					424			
Iowa	39,547	54,221	77,809	14,674	37.11			23,588	43.50		
Kansas	8,149	21,079	43,053	12,930	158.67			21,974	104.25		
Kentucky	39,568	54,929	82,508	15,361	38.82			27,579	50.21		
Louisiana	25,066	11,346	30,184			13,720	54.74	18,838	166.03		
Maine	79,573	100,476	150,508	20,903	26.27			50,032	49.79		
Maryland	32,422	51,259	73,547	18,837	58.10			22,288	43.48		
Massachusetts	184,356	309,759	517,897	125,403	68.02			208,138	67.19		
Michigan	105,851	164,747	255,608	58,896	55.64			91,861	55.76		
Minnesota	20,139	53,880	112,817	33,741	167.54			58,937	109.39		
Mississippi	12,472	18,450	35,331	5,978	47.93			16,881	91.50		
Missouri	55,062	80,749	145,185	25,687	46.65			64,436	79.80		
Montana	1,617	1,498	2,848			119	7.36	1,350	90.12		
Nebraska	3,311	8,494	23,479	5,183	156.54			14,985	176.42		
Nevada	8,545	716	372			7,829	91.62			344	48.04
New Hampshire	77,078	87,750	116,830	10,672	13.85			29,080	33.14		
New Jersey	58,139	99,858	180,529	41,719	71.76			80,671	80.79		
New Mexico	911	1,359	1,825	448	49.18			466	34.29		
New York	334,363	454,143	776,820	119,780	35.82			322,677	71.05		
North Carolina	33,152	45,088	73,345	11,936	36.00			28,257	62.67		
North Dakota			3,589								
Ohio	174,323	261,143	418,783	86,820	49.80			157,640	60.37		
Oklahoma			161					161			
Oregon	8,277	13,589	32,545	5,312	64.18			18,956	139.50		
Pennsylvania	363,918	512,408	986,789	148,490	40.80			474,381	92.58		
Rhode Island	42,027	63,575	112,949	21,548	51.27			49,374	77.66		
South Carolina	14,932	25,868	45,681	10,936	73.24			19,813	76.59		
South Dakota			5,555								
Tennessee	37,981	51,952	84,379	13,971	36.78			32,427	62.42		
Texas	13,044	30,534	68,530	17,490	134.08			37,996	124.44		
Utah	2,500	4,689	5,128	2,189	87.56			439	9.36		
Vermont	51,322	63,314	98,554	11,992	23.37			35,240	55.66		
Virginia	49,612	57,174	82,448	7,562	15.24			25,274	44.21		
Washington	2,823	4,395	42,642	1,572	55.69			38,247	870.24		
West Virginia	27,331	37,910	55,457	10,579	38.71			17,547	46.29		
Wisconsin	64,223	106,085	178,668	41,862	65.18			72,583	68.42		
Wyoming	344	755	1,829	411	119.48			1,074	142.25		

a See North Dakota and South Dakota.

b North Dakota and South Dakota combined.

TABLE 1.—POWER USED IN MANUFACTURES, BY STATES AND TERRITORIES: 1870 TO 1890—Continued.

STATES AND TERRITORIES.	STEAM HORSE POWER.									
				1870 to 1880				1880 to 1890			
				Increase.		Decrease.		Increase.		Decrease.	
	1870	1880	1890	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
The United States	1,215,711	2,185,458	4,662,029	969,747	79.77			2,476,571	113.32		
Alabama	7,740	15,779	91,805	8,039	103.86			76,026	481.82		
Alaska			290					290			
Arizona	80	370	497	290	362.50			127	34.32		
Arkansas	6,101	13,709	36,525	7,608	124.70			22,810	166.43		
California	18,493	28,071	67,426	9,578	51.79			39,355	140.20		
Colorado	1,433	3,953	30,900	2,520	175.85			26,947	681.68		
Connecticut	25,979	67,027	98,038	31,048	119.51			41,011	71.92		
Dakota (a)	248	1,421	b7,468	1,173	472.98			b6,047	425.55		
Delaware	4,313	10,643	21,660	6,330	146.77			11,017	103.51		
District of Columbia	789	2,263	10,473	1,474	186.82			8,210	362.79		
Florida	3,172	6,208	15,492	3,038	95.71			9,284	149.55		
Georgia	10,826	21,102	55,529	10,276	94.92			34,427	163.15		
Idaho	311	546	972	235	75.56			426	78.02		
Illinois	73,091	126,843	268,486	53,752	73.54			141,643	111.67		
Indiana	76,851	109,960	174,060	33,109	43.08			64,100	58.29		
Indian territory			349					349			
Iowa	25,298	33,858	64,860	8,560	33.84			31,002	91.56		
Kansas	6,360	13,468	34,882	7,108	111.76			21,414	159.00		
Kentucky	31,928	45,917	75,836	13,989	43.81			29,919	65.16		
Louisiana	24,924	11,256	29,446			13,668	54.84	18,190	161.60		
Maine	9,465	20,759	43,748	11,294	119.32			22,989	110.74		
Maryland	13,961	33,216	57,524	19,255	137.92			24,308	73.18		
Massachusetts	78,502	171,397	355,226	92,895	118.33			183,829	107.25		
Michigan	70,956	130,352	216,536	59,396	83.71			86,184	66.12		
Minnesota	7,085	25,191	84,925	18,106	255.55			59,734	237.12		
Mississippi	10,019	15,001	32,551	4,982	49.73			17,550	116.99		
Missouri	48,418	72,587	139,189	24,169	49.92			66,602	91.75		
Montana	822	544	2,122			278	33.82	1,578	290.07		
Nebraska	1,865	2,999	17,196	1,134	60.80			14,197	473.39		
Nevada	6,007	608	318			5,399	89.88			290	47.70
New Hampshire	8,787	18,595	47,652	9,808	111.62			29,057	156.26		
New Jersey	32,307	72,792	162,178	40,485	125.31			89,386	122.80		
New Mexico	252	427	1,502	175	69.44			1,075	251.76		
New York	126,107	234,795	537,447	108,688	86.19			302,652	128.90		
North Carolina	6,941	15,025	41,253	8,084	116.47			26,228	174.56		
North Dakota			3,012								
Ohio	129,577	222,502	387,840	92,925	71.71			165,338	74.31		
Oklahoma			161					161			
Oregon	2,471	4,334	22,731	1,863	75.39			18,397	424.48		
Pennsylvania	221,936	402,132	900,862	180,196	81.19			498,730	124.02		
Rhode Island	23,546	41,336	85,327	17,789	75.55			43,992	106.43		
South Carolina	4,537	11,995	29,117	7,458	164.38			17,122	142.74		
South Dakota			4,456								
Tennessee	18,407	33,388	68,728	14,921	80.80			35,340	105.85		
Texas	11,214	28,026	65,515	16,812	149.92			37,489	133.77		
Utah	331	1,154	2,562	823	248.64			1,408	122.01		
Vermont	6,425	11,088	24,048	4,663	72.58			12,960	116.88		
Virginia	8,410	19,710	45,590	11,300	134.36			25,880	131.30		
Washington	1,411	3,210	37,675	1,799	127.50			34,465	1,073.68		
West Virginia	17,136	28,456	44,755	11,320	66.06			16,299	57.28		
Wisconsin	30,509	60,729	121,149	30,220	99.05			60,420	99.49		
Wyoming	310	717	1,608	407	131.29			891	124.27		

a See North Dakota and South Dakota.

b North Dakota and South Dakota combined.

TABLE 1.—POWER USED IN MANUFACTURES, BY STATES AND TERRITORIES: 1870 TO 1890—Continued.

STATES AND TERRITORIES.	WATER HORSE POWER.										All other power. (Horse power.)
	1870	1880	1890	1870 to 1880				1880 to 1890			
				Increase.		Decrease.		Increase.		Decrease.	
				Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	1890
The United States	1,130,431	1,225,379	1,263,343	94,948	8.40			37,964	3.10			29,283
Alabama	11,011	11,797	10,443	786	7.14					1,354	11.48	85
Alaska			161					161				
Arizona	10	160	329	150	1,500.00			169	105.63			
Arkansas	1,545	2,024	1,778	479	31.00					246	12.15	41
California	6,877	4,850	5,122			2,027	29.48	272	5.61			776
Colorado	792	1,849	1,740	1,057	133.46					109	5.90	94
Connecticut	54,395	61,205	64,655	6,810	12.52			3,450	5.64			540
Dakota (a)	76	803	b1,592	727	956.58			b789	98.26			b84
Delaware	4,220	4,785	4,671	565	13.39					114	2.38	185
District of Columbia	1,100	880	810			220	20.00			70	7.95	161
Florida	528	939	496	411	77.84					443	47.18	70
Georgia	27,417	30,067	28,390	2,650	9.67					1,677	5.58	302
Idaho	295	1,136	1,024	841	285.08					112	9.86	5
Illinois	12,953	17,445	16,124	4,492	34.68					1,321	7.57	2,056
Indiana	23,518	21,810	16,305			1,708	7.26			5,505	25.24	533
Indian territory			75					75				
Iowa	14,249	20,363	12,645	6,114	42.91					7,718	37.90	304
Kansas	1,789	7,611	7,764	5,822	325.43			153	2.01			407
Kentucky	7,640	9,012	6,272	1,372	17.96					2,740	30.40	400
Louisiana	142	90	66			52	36.62			24	26.67	672
Maine	70,108	79,717	106,520	9,609	13.71			26,803	33.62			240
Maryland	18,461	18,043	15,633			418	2.26			2,410	13.36	390
Massachusetts	105,854	138,362	159,787	32,508	30.71			21,425	15.48			2,884
Michigan	34,895	34,395	39,181			500	1.43	4,786	13.91			891
Minnesota	13,054	28,689	27,404	15,635	119.77					1,285	4.48	488
Mississippi	2,453	3,449	2,752	996	40.60					697	20.21	28
Missouri	6,644	8,162	4,758	1,518	22.85					3,404	41.71	1,238
Montana	795	954	666	159	20.00					288	30.19	60
Nebraska	1,446	5,495	6,127	4,049	280.01			632	11.50			156
Nevada	2,538	108	6			2,430	95.74			102	94.44	48
New Hampshire	68,291	69,155	69,033	864	1.27					122	0.18	145
New Jersey	25,832	27,066	17,645	1,234	4.78					9,421	34.81	706
New Mexico	659	932	323	273	41.43					609	65.34	
New York	208,256	219,348	233,795	11,092	5.33			14,447	6.59			5,578
North Carolina	26,211	30,063	31,817	3,852	14.70			1,754	5.83			275
North Dakota			540									37
Ohio	44,746	38,641	27,683			6,105	13.64			10,958	28.36	3,260
Oklahoma												
Oregon	5,806	9,255	9,469	3,449	59.40			214	2.31			345
Pennsylvania	141,982	110,276	82,534			31,705	22.33			27,742	25.16	3,393
Rhode Island	18,481	22,240	27,258	3,759	20.34			5,018	22.56			364
South Carolina	10,395	13,873	16,399	3,478	33.46			2,526	18.21			165
South Dakota			1,052									47
Tennessee	19,514	18,564	15,477			950	4.87			3,087	16.63	174
Texas	1,830	2,508	2,633	678	37.05			125	4.98			382
Utah	2,169	3,535	2,492	1,366	62.98					1,043	29.50	74
Vermont	44,897	52,226	74,376	7,329	16.32			22,150	42.41			130
Virginia	41,202	37,464	36,663			3,738	9.07			801	2.14	195
Washington	1,412	1,185	4,851			227	16.08	3,666	309.37			116
West Virginia	10,195	9,454	10,542			741	7.27	1,088	11.51			160
Wisconsin	33,714	45,356	56,841	11,642	34.53			11,485	25.32			678
Wyoming	34	38	216	4	11.76			178	468.42			5

a See North Dakota and South Dakota.

b North Dakota and South Dakota combined.

TABLE 2.—POWER USED IN MANUFACTURES, BY SELECTED INDUSTRIES: 1870 TO 1890.

INDUSTRIES.	TOTAL HORSE POWER.						
	1870	1880	1890	Increase, 1870 to 1880		Increase, 1880 to 1890	
				Amount.	Per cent.	Amount.	Per cent.
Agricultural implements	20,082	44,731	50,395	18,649	71.50	5,664	12.66
Boots and shoes, factory product	3,055	11,574	30,686	8,519	278.85	19,112	165.13
Cotton goods	146,040	275,504	464,881	129,464	88.65	189,377	68.74
Flouring and grist mill products	576,686	771,201	752,365	194,515	33.73	a18,836	a2.44
Hosiery and knit goods	6,498	11,561	34,538	5,063	77.92	22,977	198.75
Lumber and other mill products from logs or bolts	641,665	821,928	961,316	180,263	28.09	139,388	16.96
Paper	53,218	123,912	242,176	70,694	132.84	118,264	95.44
Silk and silk goods	1,911	8,810	29,638	6,899	361.02	20,828	236.41
Woolen goods	85,101	106,507	122,501	21,406	25.15	15,994	15.02
Worsted goods	8,016	16,437	57,111	8,421	105.05	40,674	247.45

INDUSTRIES.	STEAM HORSE POWER.						
	1870	1880	1890	Increase, 1870 to 1880		Increase, 1880 to 1890	
				Amount.	Per cent.	Amount.	Per cent.
Agricultural implements	15,873	32,086	40,673	16,213	102.14	8,587	26.76
Boots and shoes, factory product	2,892	11,164	27,885	8,272	286.03	16,721	149.78
Cotton goods	46,967	126,750	265,509	79,783	169.87	138,759	109.47
Flouring and grist mill products	168,736	301,214	366,587	132,478	78.51	65,373	21.70
Hosiery and knit goods	2,223	6,069	22,005	3,846	173.01	15,936	262.58
Lumber and other mill products from logs or bolts	314,884	543,242	759,078	228,358	72.52	215,836	39.73
Paper	11,574	36,301	90,419	24,727	213.64	54,118	149.08
Silk and silk goods	1,122	7,248	24,427	6,126	545.99	17,179	237.02
Woolen goods	32,195	52,897	67,195	20,702	64.30	14,298	27.03
Worsted goods	3,382	10,135	44,458	6,753	199.67	34,323	338.66

INDUSTRIES.	WATER HORSE POWER.							All other power. (Horse power.)
	1870	1880	1890	Increase, 1870 to 1880		Increase, 1880 to 1890		1890
				Amount.	Per cent.	Amount.	Per cent.	
Agricultural implements	10,209	12,645	9,667	2,436	23.86	a2,978	a23.55	55
Boots and shoes, factory product	163	410	1,874	247	151.53	1,464	357.07	927
Cotton goods	99,073	148,754	198,982	49,681	50.15	50,228	33.77	390
Flouring and grist mill products	407,950	469,987	383,872	62,037	15.21	a86,115	a18.32	1,906
Hosiery and knit goods	4,275	5,492	12,360	1,217	28.47	6,868	125.05	173
Lumber and other mill products from logs or bolts	326,781	278,686	201,651	a48,095	a14.72	a77,035	a27.64	587
Paper	41,644	87,611	151,593	45,967	110.38	63,982	73.03	164
Silk and silk goods	789	1,562	4,864	773	97.97	3,302	211.40	347
Woolen goods	52,906	53,610	55,030	704	1.33	1,420	2.65	276
Worsted goods	4,634	6,302	12,437	1,668	35.99	6,135	97.37	216

a Decrease.

TABLE 3.—POWER USED IN MANUFACTURES,

	STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	The United States	109,735	5,954,655	111,204	91,410	4,581,595
2	Alabama	1,634	102,333	1,837	1,373	91,583
3	Alaska	9	451	9	7	290
4	Arizona	21	826	19	16	457
5	Arkansas	1,140	38,344	1,244	1,172	36,365
6	California	1,614	73,324	1,763	1,481	64,864
7	Colorado	399	32,734	543	457	30,641
8	Connecticut	2,185	163,233	2,476	1,794	96,178
9	Delaware	311	26,516	521	393	21,556
10	District of Columbia	197	11,444	242	246	10,422
11	Florida	368	16,058	542	460	15,479
12	Georgia	2,002	84,221	1,736	1,565	55,082
13	Idaho	64	2,001	36	33	972
14	Illinois	4,913	286,666	6,297	4,967	261,865
15	Indiana	4,292	190,898	4,934	4,523	172,506
16	Indian territory	11	424	12	13	349
17	Iowa	2,051	77,809	2,288	1,969	64,697
18	Kansas	898	43,053	968	847	34,806
19	Kentucky	1,789	82,508	2,126	1,896	75,513
20	Louisiana	554	30,184	790	684	29,439
21	Maine	2,022	150,508	1,281	965	42,796
22	Maryland	1,518	73,547	1,510	1,287	56,545
23	Massachusetts	7,207	517,897	7,200	5,084	340,774
24	Michigan	4,414	256,608	5,851	4,475	214,748
25	Minnesota	1,519	112,817	2,033	1,448	83,548
26	Mississippi	985	35,331	1,005	926	32,345
27	Missouri	3,032	145,185	3,401	3,368	137,595
28	Montana	94	2,848	83	72	2,105
29	Nebraska	626	23,479	590	514	17,021
30	Nevada	20	372	20	17	318
31	New Hampshire	1,351	116,830	1,010	729	46,888
32	New Jersey	2,734	180,529	3,526	3,073	158,718
33	New Mexico	56	1,825	48	46	1,492
34	New York	13,395	776,820	12,073	10,372	513,560
35	North Carolina	2,078	73,345	1,389	1,298	41,171
36	North Dakota	98	3,589	105	87	2,985
37	Ohio	7,216	418,783	8,931	7,703	382,301
38	Oklahoma	11	161	11	11	161
39	Oregon	664	32,545	650	590	22,430
40	Pennsylvania	12,091	986,789	17,906	13,751	894,007
41	Rhode Island	926	112,949	1,346	852	83,477
42	South Carolina	1,149	45,681	942	864	29,043
43	South Dakota	183	5,555	155	147	4,458
44	Tennessee	2,243	84,379	1,823	1,577	68,537
45	Texas	1,983	68,530	2,209	2,066	65,391
46	Utah	178	5,128	114	106	2,530
47	Vermont	1,552	98,554	698	600	23,539
48	Virginia	2,502	82,448	1,544	1,341	45,406
49	Washington	578	42,642	752	644	37,659
50	West Virginia	1,199	55,457	1,173	1,043	44,680
51	Wisconsin	2,618	178,668	3,309	2,406	120,697
52	Wyoming	41	1,829	43	52	1,608

BY STATES AND TERRITORIES: 1890.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.			
Total.		Turbine wheels.		Other water wheels.						Not specified. (Horse power.)	
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
39,008	1,255,206	20,994	865,279	18,014	389,927	15,569	8,930	80,434	8,137	4,784	1
764	10,382	291	5,548	473	4,834	51	14	222	61	20	2
3	161	3	161								3
8	329	6	322	2	7			40			4
119	1,778	56	1,101	63	677	31	7	160		3	5
190	5,091	62	2,007	128	3,084	393	361	2,562	31	22	6
47	1,723	27	1,237	20	486	58	36	259	17		7
1,365	63,417	980	51,434	385	11,983	205	215	1,860	1,238	120	8
163	4,671	92	2,870	71	1,801	104	80	104		1	9
9	810	6	510	3	300	70	91	51			10
45	496	16	224	29	272	3	63	13		4	11
1,121	28,380	505	19,354	616	9,026	157	119	447	10	26	12
32	1,024	24	883	8	141	2				3	13
446	15,992	345	13,941	101	2,051	939	708	6,621	132	409	14
698	16,181	470	12,265	228	3,916	323	176	1,554	124	34	15
2	75	2	75								16
622	12,618	471	10,287	151	2,331	194	70	163	27	40	17
216	7,617	177	6,750	39	867	110	77	76	147	220	18
337	6,271	124	3,494	213	2,777	100	223	323	1	77	19
6	66	1	20	5	46	454	213	7		5	20
2,396	104,602	1,084	63,782	1,312	40,820	191	10	652	1,918	39	21
583	15,633	278	8,246	305	7,387	212	175	979		3	22
2,622	158,932	1,921	137,015	701	21,917	2,327	289	14,452	855	268	23
1,218	38,986	830	29,206	388	9,780	577	237	1,788	195	77	24
362	27,300	269	24,179	93	3,121	280	126	1,377	104	82	25
252	2,746	105	1,371	147	1,375	3	8	206	6	17	26
313	4,755	188	3,124	125	1,631	618	457	1,594	3	163	27
23	666	15	537	8	129	43	17	17			28
196	6,123	160	5,032	36	1,091	49	58	175	4	49	29
2	6	1	2	1	4		48				30
1,437	68,842	864	54,787	573	14,055	42	3	764	191	100	31
639	17,543	429	13,310	210	4,233	487	135	3,460	102	84	32
18	323	10	202	8	121			10			33
6,439	231,959	3,507	149,648	2,932	82,311	2,447	1,990	23,887	1,836	1,141	34
1,903	31,812	612	16,090	1,291	15,722	44	42	82	5	189	35
16	540	11	407	5	133	2	12	27		23	36
1,134	27,342	593	17,456	541	9,886	1,705	1,183	5,539	341	372	37
											38
276	9,280	175	7,413	101	1,867	37	2	301	189	306	39
4,671	82,462	2,289	46,112	2,382	36,350	2,162	919	6,855	72	312	40
344	27,197	270	21,837	74	5,360	295	18	1,850	61	51	41
611	16,399	248	12,393	363	4,006	8	97	74		60	42
48	1,052	35	907	13	145	3	32			12	43
1,152	15,451	363	6,620	789	8,831	106	54	191	26	14	44
121	2,633	75	2,146	46	487	165	157	124		59	45
101	2,492	76	2,095	25	397	64	10	32			46
1,810	74,041	1,013	39,532	797	34,509	34	10	509	335	86	47
1,915	36,654	652	18,206	1,263	18,448	105	78	184	9	12	48
111	4,851	83	4,048	28	803	63	3	16		50	49
565	10,542	161	4,048	404	6,494	5	33	75		122	50
1,528	56,744	1,013	42,849	515	13,895	295	274	452	97	109	51
9	216	6	196	3	20	5					52

TABLE 4.—POWER USED IN MANUFACTURES.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	100,735	5,954,655	111,204	91,410	4,581,595
2	Agricultural implements	760	50,395	922	730	40,074
3	Ammunition	24	2,256	38	27	2,166
4	Artificial feathers and flowers	4	36	4	4	36
5	Artificial limbs	7	33	2	2	15
6	Artists' materials	13	136	4	4	80
7	Awnings, tents, and sails	49	254	13	13	144
8	Axle grease	11	138	11	11	138
9	Babbitt metal and solder	9	101	6	6	83
10	Bagging, flax, hemp, and jute	14	3,182	20	15	1,550
11	Bags, other than paper	44	1,863	37	29	1,694
12	Bags, paper	28	949	21	17	532
13	Baking and yeast powders	41	1,347	39	29	1,052
14	Baskets, and rattan and willow ware	60	1,825	58	49	1,680
15	Bellows	2	55	2	2	55
16	Bells	17	314	10	10	188
17	Belting and hose, leather	59	1,077	38	35	865
18	Belting and hose, linen	8	404	7	6	321
19	Belting and hose, rubber	16	4,962	50	25	3,647
20	Bicycle and tricycle rspairing	19	74	9	9	51
21	Bicycles snd tricycles	25	1,558	22	19	1,357
22	Billiard tables and materials	16	791	12	10	741
23	Blacking	29	927	20	18	798
24	Blacksmithing and wheelwrighting	817	7,164	634	635	5,095
25	Bluing	3	30	2	2	25
26	Bone, ivory, and lamp black	15	636	28	27	616
27	Bookbinding and blank-book making	262	2,377	52	42	1,131
28	Boot and shoe cut stock	242	2,788	92	80	1,909
29	Boot and shoe findings	80	1,849	39	33	908
30	Boot and shoe uppers	27	138	4	4	73
31	Boots and shoes, custom work and repairing	17	35	7	8	19
32	Boots and shoes, factory product	1,364	30,686	872	738	22,602
33	Boots and shoes, rubber	11	9,543	110	39	9,243
34	Bottling	160	1,350	134	130	1,234
35	Boxes, cigar	215	4,459	170	166	3,832
36	Boxes, fancy and paper	305	5,015	173	150	3,382
37	Boxes, wooden packing	505	26,916	483	395	21,950
38	Brass	7	1,721	20	13	1,621
39	Brass and copper, rolled	16	7,961	70	45	6,861
40	Brass castings and brass finishing	286	10,721	247	208	8,660
41	Brassware	83	6,953	93	65	5,767
42	Brsad and other bakery products	554	10,130	497	483	9,148
43	Brick and tile	2,840	111,662	3,413	3,159	110,960
44	Bridges	81	8,412	223	227	8,215
45	Bronze castings	10	242	9	9	224
46	Brooms and brushes	156	2,021	96	98	1,534
47	Buttons	86	1,681	43	33	1,176
48	Calcium lights	9	32	4	4	13
49	Cardboard	5	338	5	3	325
50	Card cutting and designing	9	34	2	2	8
51	Carpentering	1,185	23,392	806	787	17,370
52	Carpets and rugs, other than rag	119	22,684	297	130	20,146
53	Carpets, rag	10	64	6	6	47
54	Carpets, wood	4	270	4	3	245
55	Carriage and wagon materials	319	16,873	347	287	14,765
56	Carriages and sleds, children's	35	2,052	39	36	1,778
57	Carriages and wagons, including custom work and repairing	1,232	32,585	1,150	1,058	27,245
58	Cars and general shop construction and repairs by steam railroad companies	491	44,784	1,056	845	44,297
59	Cars and general shop construction and repairs by street railroad companies	21	1,908	24	21	1,931
60	Cars, steam railroad, not including operations of railroad companies	67	27,354	333	209	27,236
61	Cars, street railroad, not including operations of railroad companies	14	1,326	21	16	1,320
62	Celluloid and celluloid goods	10	1,323	23	10	1,322
63	Cheese snd butter, urban dairy product	50	605	65	63	569
64	Cheese, butter, and condensed milk, factory product	2,618	25,526	2,855	2,856	24,607
65	Chemicals	311	28,695	654	529	28,231
66	Chocolate and cocoa products	10	1,432	24	13	1,210
67	Cigar molds	6	191	5	3	165
68	Clay and pottery products	347	20,159	531	397	19,008
69	Cleansing and polishing preparations	16	432	9	9	259
70	Clock cases and materials	4	26	1	1	8
71	Clocks	22	1,600	35	21	1,115
72	Cloth, sponging and refinishing	15	296	15	13	293
73	Clothing, horse	8	105	3	3	70
74	Clothing, men's, custom work and repairing	23	39	11	10	17
75	Clothing, men's, factory product	404	6,230	240	216	4,766
76	Clothing, men's, factory product, buttonholes	18	61			
77	Clothing, women's, factory product	138	1,478	59	53	1,012
78	Coffee and spice, roasting and grinding	321	8,840	281	274	7,592
79	Coffins and burial cases, trimming and finishing	31	631	21	21	363
80	Coffins, burial cases, and undertakers' goods	105	5,620	124	97	5,020
81	Coke	69	5,095	162	116	5,095

BY SPECIFIED INDUSTRIES: 1890.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
39,008	1,255,206	20,994	865,279	18,014	389,927	15,569	8,930	80,434	8,137	4,784	1
273	9,557	163	7,397	110	2,160	30	14	599	110	11	2
2	40	2	40					50			3
											4
						3	13	2			5
						5	4	47			6
4	30			4	30	42	26	12			7
											8
1	3			1	3			15			9
11	1,632	10	1,607	1	25						10
1	50	1	50			24	53	42			11
3	105	2	65	1	40	55	4	239	12	2	12
5	160	3	150	2	10	32	17	86			13
7	112	1	20	6	92	1		23	5	4	14
											15
11	116	5	71	6	45			10			16
3	15			3	15	37		100			17
						50		33			18
12	1,280	11	1,130	1	150	20		15			19
						15	1	2		5	20
3	155			3	155	2	15	29			21
1	25	1	25				4	21			22
1	40	1	40			11		78			23
155	1,689	67	851	88	838	33	13	141	143	50	24
								5			25
1	20	1	20								26
4	9	1	2	3	7	120	135	903	13	6	27
3	46	2	40	1	6	26	35	705		16	28
11	719	10	718	1	1	22	5	193	2		29
						11	4	50			30
2	5			2	5	3	2	3		3	31
40	1,845	23	1,339	17	506	529	309	5,283	29	89	32
2	300	2	300								33
17	31	8	13	9	18	30		49	5	1	34
9	192	4	83	5	109	12	22	372	21	8	35
16	450	11	405	5	45	87	86	983	19	8	36
133	3,672	78	2,102	55	1,570	60	4	1,098	132		37
2	100	2	100								38
17	1,130	14	895	3	235						39
17	1,265	9	735	8	530	45	20	718	13		40
10	800	8	735	2	65	12		318	49	7	41
32	590	6	482	26	108	107	218	55		12	42
24	393	16	275	8	118			252	6	51	43
4	30	4	30			55		12		100	44
								18			45
11	200	8	184	3	16	69	25	182	9	2	46
10	171	9	168	1	3	1	10	323			47
								19			48
								13			49
						19	1	5	1		50
97	2,625	43	1,223	54	1,402	236	266	2,576	206	113	51
22	2,531	16	2,236	6	295		7				52
2	15			2	15	2					53
								25			54
51	1,444	37	1,120	14	324	26	50	588			55
7	224	6	220	1	4	10		40			56
165	3,442	76	2,327	89	1,115	117	167	1,484	99	31	57
4	260	2	135	2	125	167		30		30	58
						50		527		300	59
2	50	2	50			50		18			60
								6			61
						1					62
							8	26		2	63
62	734	26	375	36	359			150	33	2	64
46	91			46	91	68	32	268		5	65
9	180	9	180					42			66
1	10	1	10			4		12			67
17	1,022	13	922	4	100	3		81	40	5	68
1	150	1	150			1		22			69
1	12			1	12			6			70
12	379	12	379				10	96			71
								3			72
							20	10		5	73
						15	1	5		1	74
15	122	4	75	11	47	668	208	452	5	9	75
						18	10	33			76
1	5			1	5	126	87	248			77
1	125			1	125	160	488	465	10		78
13	262	6	105	7	157				6		79
10	368	9	362	1	6	16	27	189			80
											81

TABLE 4.—POWER USED IN MANUFACTURES,

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Collars and cuffs, paper	3	93	4	2	90
83	Combs	27	758	18	16	503
84	Confectionery	628	7,867	444	417	6,943
85	Cooperage	325	13,357	387	342	12,477
86	Cordage and twine	96	23,666	216	114	21,006
87	Cordials and sirups	9	289	12	8	284
88	Cork, cutting	30	1,335	23	21	1,287
89	Corsets	65	1,340	43	36	1,079
90	Cotton, cleaning and rehandling	2	50	1	1	35
91	Cotton, ginning	1,528	28,731	1,426	1,428	26,600
92	Cotton goods	882	464,881	3,097	1,335	264,563
93	Cotton ties	2	25	1	1	10
94	Cotton waste	19	655	17	14	500
95	Crucibles	9	580	15	11	580
96	Cutlery and edge tools	347	15,826	209	180	7,440
97	Dentistry, mechanical	38	49	3	3	3
98	Dentists' materials	14	227	9	6	195
99	Druggists' preparations, not including prescriptions	13	55	5	5	30
100	Drug grinding	13	847	19	11	840
101	Dyeing and cleaning	198	2,891	205	197	2,682
102	Dyeing and finishing textiles	217	57,035	913	1,011	53,951
103	Dye stuffs and extracts	53	11,896	242	105	10,695
104	Electrical apparatus and supplies	100	7,494	80	75	6,368
105	Electric light and power	144	67,637	428	383	55,557
106	Electroplating	188	1,840	48	49	970
107	Emery wheels	13	502	10	10	293
108	Enameled goods	10	194	6	4	158
109	Enameling	4	20	1	1	15
110	Engravers' materials	14	91	1	1	12
111	Engraving and diesinking	48	254	5	4	64
112	Engraving, steel, including plate printing	18	958	16	10	833
113	Engraving, wood	6	45	2	2	35
114	Envelopes	34	725	20	15	433
115	Fancy articles, not elsewhere specified	53	841	18	16	583
116	Felt goods	33	5,051	74	51	3,155
117	Fertilizers	318	28,240	561	444	26,611
118	Files	90	3,649	65	44	3,267
119	Firearms	29	1,905	31	28	1,545
120	Fire extinguishers, chemical	4	67	4	3	66
121	Fireworks	3	17	2	2	14
122	Fish, canning and preserving	42	1,175	57	56	1,173
123	Flags and banners	2	8			
124	Flavoring extracts	18	206	10	10	155
125	Flax, dressed	4	113	3	3	100
126	Flouring and grist mill products	18,362	752,365	9,382	8,473	366,587
127	Food preparations	151	5,773	158	133	4,797
128	Foundry and machine shop products	5,794	210,901	5,592	5,682	183,282
129	Foundry supplies	16	1,502	23	17	1,260
130	Fruit jar trimmings	5	410	5	6	390
131	Fruits and vegetables, canning and preserving	482	15,210	687	531	14,930
132	Fuel, artificial	1	50	2	1	50
133	Fur goods	23	346	13	12	294
134	Furnishing goods, men's	116	1,198	41	33	770
135	Furniture, cabinetmaking, repairing and upholstering	357	5,020	208	199	3,006
136	Furniture, chairs	244	14,402	246	184	10,339
137	Furniture, factory product	1,187	62,757	1,207	1,019	54,145
138	Furs, dressed	16	353	16	14	289
139	Galvanizing	14	658	17	16	658
140	Gas and lamp fixtures	69	3,904	53	40	3,523
141	Gas, illuminating and heating	532	26,475	990	981	26,390
142	Gas machines and meters	19	362	14	13	280
143	Gas stoves	18	483	15	12	437
144	Glass	251	28,241	475	557	28,116
145	Glass, cutting, staining, and ornamenting	97	1,017	32	30	608
146	Gloves and mittens	72	958	26	23	420
147	Glucose	7	14,800	126	44	14,800
148	Glue	51	4,912	145	104	4,892
149	Gold and silver, leaf and foil	7	336	5	3	177
150	Gold and silver, reducing and refining, not from the ore	24	1,408	24	30	1,341
151	Graphite	3	66	3	3	66
152	Grease and tallow	97	3,785	145	124	3,780
153	Grindstones	9	308	15	18	308
154	Gunpowder	30	9,033	104	83	3,835
155	Hairwork	1	2	1	1	2
156	Hammocks	1	2	1	1	2
157	Hand knit goods	3	26	3	3	26
158	Hand stamps	40	134	11	11	75
159	Hardware	296	12,994	283	225	10,504
160	Hardware, saddlery	77	1,950	55	45	1,760
161	Hat and cap materials	46	1,968	43	28	1,575

BY SPECIFIED INDUSTRIES: 1890—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
							3				82
7	175	2	50	5	125			79	1		83
39	122	7	30	32	92	146	231	393	9	23	84
30	614	15	311	15	303	80	6	135	36	9	85
45	2,603	41	2,483	4	120	20		35		2	86
								5			87
						7	3	38			88
4	72	3	65	1	7	34	48	102	5		89
							15				90
148	1,847	68	961	80	886			276		8	91
1,314	198,935	1,162	184,311	152	14,624	360		946	47	30	92
							15				93
4	141	2	31	2	110			14			94
											95
259	7,761	224	6,833	35	928	77	32	462	50	4	96
14	17	2	2	12	15	25			3	1	97
						2	7	23			98
2	11			2	11	4	2	8			99
						2		5			100
						8		198		3	101
41	3,027	30	2,397	11	630	16		10		31	102
32	1,195	21	605	11	590			6			103
2	123	2	123			694	2	304		3	104
74	12,080			74	12,080						105
3	47	2	22	1	25	82	14	710	16	1	106
4	194	3	178	1	16			15			107
1	20	1	20				2	14			108
						2		3			109
						4		75			110
						26	31	133			111
						1	4	120			112
						3		7			113
3	158	3	158			15	15	104			114
4	114	1	80	3	34	20	36	84		4	115
23	1,896	14	1,479	9	417						116
42	1,538	27	690	15	848			85	6		117
8	104	5	58	3	46			230	48		118
7	326	5	281	2	45		4	30			119
								1			120
								3			121
							2				122
						1		7			123
1	1			1	1	3		27	20		124
2	13			2	13						125
20,088	383,872	10,157	234,310	9,931	149,562	82	35			1,789	126
12	758	10	698	2	60	8	23	177		10	127
542	16,356	360	12,185	182	4,171	1,190	397	8,534	813	329	128
7	240	3	165	4	75			2			129
								20			130
10	140	3	45	7	95	11		129			131
											132
1	6			1	6	21	4	18		3	133
4	45	1	35	3	10	116	52	214	1		134
56	817	17	334	39	483	69	24	1,080	17	7	135
93	3,438	56	2,307	37	1,131	11	6	503	105		136
120	4,321	69	2,923	51	1,398	638	106	3,297	250		137
2	12			2	12			52			138
											139
						59	5	317			140
3	67	1	2	2	65		18				141
								42	40		142
1	15			1	15		5	26			143
3	70	3	70				22	26		7	144
						21	3	385			145
9	413	3	168	6	245	52	12	61			146
											147
1	3			1	3		17				148
								159			149
						2	14	51			150
											151
								5			152
											153
221	5,156	125	3,086	96	2,070				42		154
											155
											156
											157
3	5			3	5	21	8	24	1		158
51	1,643	41	1,396	10	247	7	20	648	167	5	159
2	55	2	55			18		109	5	3	160
11	272	8	172	3	100		2	119			161

TABLE 4.—POWER USED IN MANUFACTURES,

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
162	Hats and caps, not including wool hats	206	8,569	313	211	8,254
163	Hay and straw, baling	35	651	36	37	641
164	High explosives	26	1,611	48	49	1,406
165	Hones and whetstones	8	160	4	4	70
166	Hooks and eyes	8	231	8	6	161
167	Horseshoes, factory product	4	2,795	27	14	2,790
168	Hosiery and knit goods	586	34,538	575	429	22,005
169	House furnishing goods, not elsewhere specified	63	4,559	64	48	3,226
170	Ice, artificial	212	20,264	380	358	19,716
171	Ink, printing	29	1,266	29	23	1,131
172	Ink, writing	7	75	6	7	71
173	Instruments, professional and scientific	115	969	37	37	579
174	Iron and steel	645	745,824	8,790	4,309	737,771
175	Iron and steel, bolts, nuts, washers, and rivets	74	8,762	140	103	7,737
176	Iron and steel, doors and shutters	4	47	3	3	46
177	Iron and steel, forgings	77	10,638	208	122	10,038
178	Iron and steel, nails and spikes, cut and wrought, including wire nails	131	54,664	661	351	49,724
179	Iron and steel, pipe, wrought	21	13,736	193	175	13,596
180	Ironwork, architectural and ornamental	306	9,090	283	280	8,436
181	Ivory and bone work	48	994	24	20	634
182	Japanning	3	68	2	3	58
183	Jewelry	405	3,566	101	77	1,722
184	Jewelry and instrument cases	24	193	8	8	127
185	Jute and jute goods	7	1,532	16	9	1,367
186	Kaolin and other earth grinding	91	4,884	92	81	3,743
187	Kindling wood	100	3,030	115	107	2,990
188	Labels and tags	30	275	12	12	188
189	Lamps and reflectors	52	1,499	24	23	1,106
190	Lapidary work	13	25	1	1	2
191	Lard, refined	12	1,444	32	24	1,444
192	Lasts	50	896	22	21	585
193	Lead, bar, pipe, and sheet	28	2,639	36	32	1,916
194	Leather board	8	1,520	7	4	290
195	Leather, dressed skins	15	353	12	12	290
196	Leather goods	45	694	24	22	522
197	Leather, morocco	119	6,630	149	120	6,314
198	Leather, patent and enameled	29	1,959	54	34	1,929
199	Leather, tanned and curried	1,081	51,089	1,671	1,256	46,282
200	Lightning rods	6	83	4	4	70
201	Lime and cement	218	18,620	425	348	17,589
202	Linen goods	3	575	7	2	475
203	Liquors, distilled	246	18,779	746	434	18,429
204	Liquors, malt	1,034	116,166	2,213	2,499	115,616
205	Liquors, vinous	58	1,042	63	62	1,012
206	Lithographing and engraving	153	4,076	72	59	3,102
207	Lock and gun smithing	94	295	47	48	194
208	Looking-glass and picture frames	137	3,206	82	71	2,612
209	Lumber and other mill products from logs or bolts	19,372	961,316	22,082	18,148	757,050
210	Lumber, planing mill products, including sash, doors, and blinds	3,487	178,094	3,735	3,217	160,772
211	Malt	159	6,640	199	201	6,282
212	Mantels, slate, marble, and marbleized	22	838	19	18	555
213	Marble and stone work	376	17,347	430	417	14,455
214	Masonry, brick and stone	268	10,176	543	533	9,093
215	Matches	22	1,085	27	29	985
216	Mats and matting	13	385	12	11	352
217	Mattresses and spring beds	164	4,352	128	120	3,865
218	Millinery and lace goods	84	1,727	63	45	1,293
219	Millinery, custom work	3	5	1	1	3
220	Mineral and soda waters	353	3,016	309	302	2,400
221	Mirrors	25	657	16	13	543
222	Models and patterns	244	1,969	59	55	1,016
223	Monuments and tombstones	190	3,599	164	162	3,115
224	Mucilage and paste	34	887	28	25	800
225	Musical instruments and materials, not specified	48	696	22	21	510
226	Musical instruments, organs and materials	78	3,835	85	64	3,426
227	Musical instruments, pianos and materials	125	7,232	145	101	5,738
228	Needles and pins	45	952	25	24	629
229	Nets and seines	14	267	11	9	234
230	Oakum	7	290	8	7	225
231	Oil, castor	7	297	5	4	255
232	Oil, cottonseed and cake	114	25,826	302	226	25,548
233	Oil, essential	29	465	27	24	375
234	Oil, illuminating, not including petroleum, refining	4	102	5	4	97
235	Oil, lard	6	277	8	10	277
236	Oil, linseed	61	7,101	116	79	6,670
237	Oil, lubricating	55	1,096	58	62	1,483
238	Oil, resin	5	131	4	4	121
239	Oilcloth, enameled	9	710	22	21	710
240	Oilcloth, floor	17	1,959	51	64	1,944
241	Oleomargarine	11	454	13	10	444

BY SPECIFIED INDUSTRIES: 1890—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
5	66	4	56	1	10	13	3	233			162
								10			163
12	235	4	147	8	88						164
5	90	4	70	1	20						165
1	10			1	10			30	30		166
						5					167
224	12,360	161	9,041	63	3,319	101	55			17	168
18	1,141	13	875	5	266	6		186			169
10	360	4	215	6	145	25		163			170
1	25	1	25			15		95			171
								4			172
4	112	3	110	1	2	28	36	214			173
131	8,053	75	4,855	56	3,198						174
18	931	16	856	2	75	35	2	57			175
								1			176
5	186	1	30	4	156	10		402	2		177
68	4,630	66	4,613	2	17	109		201			178
1	140			1	140						179
6	158	4	68	2	90	38	28	419	11		180
9	174	8	173	1	1		2	184			181
								10			182
12	225	10	213	2	12	94	46	1,449	8	22	183
1	9	1	9			10	1	46			184
3	165	3	165								185
30	1,041	29	971	1	70			10	90		186
						7		33			187
2	25	1	5	1	20		2	60			188
1	100	1	100			9	27	232	25		189
						5		13			190
											191
						20		291			192
1	38	1	38					85			193
24	1,230	20	930	4	300						194
1	50			1	50			13			195
2	70	1	50	1	20	5	11	63	11	12	196
1	50			1	50	40		226			197
										30	198
230	4,505	76	1,450	154	3,055	24	9	256	10	3	199
1	5	1	5					8			200
20	809	6	470	14	339	10		10		202	201
8	500	7	455	1	45						202
19	299	7	94	12	205	10		16		25	203
13	260	4	132	9	128	167	16		15	92	204
1	22	1	22				8				205
						140	127	686	3	18	206
9	25			9	25	16	21	33	1	5	207
5	71	3	69	2	2	37	32	454			208
7,697	199,977	3,763	112,218	3,934	87,759	378	7	2,028	1,674	202	209
357	11,467	195	6,078	162	5,389	133	149	4,922	573	78	210
12	253	6	222	6	31	45	10	50			211
5	258	1	90	4	168			25			212
28	2,412	22	2,223	6	189	10	14	418	13	25	213
2	12	1	10	1	2		10	106	55		214
3	80	1	40	2	40			20			215
2	30			2	30			3			216
14	265	8	193	6	72	38	33	122	27	2	217
						57	71	302		4	218
						2					219
16	259	4	231	12	28	13	171	71	2	100	220
						4	1	109			221
9	222	3	109	6	113	90	18	605	18		222
17	314	9	261	8	53	10	14	121	20	5	223
2	35	2	35					52			224
2	38	1	30	1	8	9	11	125		3	225
4	110	4	110			4	67	226	2		226
23	827	14	565	9	262	26		639		2	227
11	244	9	225	2	19		1	47	31		228
1	6			1	6	3		24			229
3	65	2	35	1	30						230
							7	35			231
2	118	2	118			70	20	70			232
5	87	3	60	2	27			3			233
								5			234
											235
12	406	7	310	5	96			25			236
						5	48	160			237
								10			238
											239
						15					240
								10			241

TABLE 4.—POWER USED IN MANUFACTURES,

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
242	Optical goods	50	845	16	13	443
243	Ordnance and ordnance stores	4	1,560	17	18	1,343
244	Oysters, canning and preserving	12	838	20	19	836
245	Painting and paper hanging	24	251	14	14	200
246	Paints	339	22,734	464	354	20,362
247	Paper	555	242,176	1,525	1,074	90,159
248	Paper goods, not elsewhere specified	50	2,320	45	31	2,021
249	Paper hangings	27	2,473	60	28	2,404
250	Patent medicines and compounds	154	2,973	134	116	2,605
251	Paving and paving materials	137	8,084	278	283	8,084
252	Pencil cases	5	20			
253	Pencils, lead	5	713	14	6	710
254	Pens, fountain and stylographic	9	160	1	1	3
255	Pens, gold	10	61	1	1	30
256	Pens, steel	3	100	3	2	80
257	Perfumery and cosmetics	39	486	17	18	367
258	Petroleum, refining	83	32,536	512	521	32,536
259	Phonographs and graphephones	1	25	2	1	25
260	Photographic apparatus	19	214	8	7	105
261	Photographic materials	22	307	17	19	272
262	Photography	14	94	5	5	53
263	Photolithographing and engraving	36	204	3	4	80
264	Pickles, preserves, and sauces	137	3,467	144	128	3,092
265	Pipes, tobacco	29	886	17	15	694
266	Plastering and stuccowork	20	766	20	19	681
267	Plated and britannia ware	66	3,921	66	43	2,668
268	Plumbers' supplies	96	3,554	83	78	2,991
269	Plumbing and gas fitting	206	2,076	132	133	1,664
270	Pocketbooks	9	157	6	6	150
271	Printing and publishing, book and job	2,181	20,055	763	712	11,765
272	Printing and publishing, music	11	108	3	3	65
273	Printing and publishing, newspapers and periodicals	3,972	39,869	2,721	2,682	31,647
274	Printing materials	35	546	14	13	308
275	Printing, tin	3	10	1	1	4
276	Pulp goods	9	785	8	8	605
277	Pulp, wood	77	55,548	73	41	3,240
278	Pulp from fiber, other than wood	6	1,339	11	6	585
279	Pumps, not including steam pumps	112	2,812	93	92	2,426
280	Refrigerators	40	2,120	44	35	2,005
281	Regalia and society banners and emblems	17	206	5	5	114
282	Registers, car fare	6	38	1	1	15
283	Registers, cash	3	135	3	2	125
284	Rice, cleaning and polishing	32	4,120	60	54	4,110
285	Roofing and roofing materials	65	2,657	75	65	2,468
286	Rubber and elastic goods	103	12,670	189	132	10,779
287	Rubber, vulcanized	1	100	1	1	100
288	Rules, ivory and wood	12	119	4	4	25
289	Saddlery and harness	204	2,573	102	100	1,722
290	Safes and vaults	31	1,994	33	28	1,945
291	Salt	99	11,552	360	270	11,404
292	Sand and emery paper and cloth	8	538	9	8	455
293	Sausage	129	1,606	122	119	1,278
294	Saws	68	3,862	82	63	3,662
295	Scales and balances	37	1,006	33	30	930
296	Screws, machine	20	908	16	9	773
297	Screws, wood	7	2,637	55	11	2,535
298	Sewing machine cases	7	1,730	27	13	1,580
299	Sewing machine repairing	18	45	2	2	8
300	Sewing machines and attachments	48	4,782	83	48	4,158
301	Shipbuilding	263	18,192	436	481	17,574
302	Shirts	201	3,119	79	70	2,264
303	Shoddy	93	7,059	89	62	4,312
304	Show cases	35	864	17	17	655
305	Silk and silk goods	384	29,638	454	287	22,432
306	Silversmithing	13	94	2	2	43
307	Silverware	26	1,342	22	15	1,237
308	Slaughtering and meat packing, wholesale	569	46,738	1,235	894	48,205
309	Smelting and refining	24	3,728	56	42	3,692
310	Soap and candles	337	13,973	552	391	13,220
311	Soda water apparatus	5	367	9	9	367
312	Sporting goods	66	1,439	36	37	872
313	Springs, steel, car and carriage	44	3,165	42	36	2,862
314	Stamped ware	88	4,269	77	63	3,908
315	Starch	67	6,189	128	89	4,343
316	Stationery goods, not elsewhere specified	98	1,936	58	53	1,664
317	Steam fittings and heating apparatus	156	7,226	168	149	6,379
318	Steam packing	25	438	12	14	221
319	Stencils and brands	12	40	4	4	11
320	Stereotyping and electrotyping	62	691	10	11	208
321	Straw goods, not elsewhere specified	4	59	7	4	59

BY SPECIFIED INDUSTRIES: 1890—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
5	360	4	290	1	10	41	14	47			242
2	200	2	200					17			243
										2	244
						11	15	20		5	245
40	1,693	27	1,257	13	336	38	77	606	50	8	246
1,739	156,418	1,336	113,952	403	36,466	104		200	1,175		247
2	32	1	30	1	2	4	14	199	50		248
1	30	1	30					39			249
7	115	2	74	5	41	45	101	101	6		250
											251
							7	13			252
								3			253
							4	153			254
						3	7	21			255
							10	10			256
						26	17	76			257
											258
											259
1	6			1	6	9	6	63	25		260
2	3			2	3	7	10	15			261
1	5			1	5	28	8				262
2	11	2	11			51	18	44			263
4	70	3	60	1	10	7		263	35		264
3	148	2	140	1	8			42		2	265
1	75	1	75					10			266
17	846	15	781	2	65	11		396			267
9	309	7	275	2	34	46	5	203			268
8	53	2	35	6	18	84	52	164	29		269
						1	3	3			270
88	269	7	24	81	245	1,842	1,087	4,904	73	115	271
1	2			1	2	3	6	32			272
535	2,342	87	480	448	1,856	1,677	1,488	2,233	183	299	273
4	128	3	78	1	50	3		107			274
							4		2		275
4	160	4	160					15		5	276
411	62,303	259	36,046	152	16,257					5	277
13	754			13	754						278
12	217	5	113	7	104			164	5		279
2	35	1	20	1	15	5	2	63	16		280
						67		25			281
1	4			1	4			19			282
								10			283
1	2			1	2			8			284
2	70			2	70	20	21	78			285
29	1,686	26	1,569	3	117	30	2	132	40	1	286
											287
2	60	1	35	1	25	3		31			288
12	106	1	1	11	105	226	197	286	5	31	289
								49			290
9	71	1	35	8	36	7			60	10	291
2	80	1	40	1	40	1		2			292
3	120	3	120			2	10	196			293
2	36	2	36			40		112	12		294
3	35	2	20	1	15	4	17	23			295
								45	90		296
2	150	2	150					37	65		297
											298
						8		29			299
11	459	11	459			7		158			300
24	489	12	216	12	273	8	2	114		5	301
14	225	9	205	5	20	124	53	436	13	4	302
61	2,692	38	1,617	23	1,075	55					303
1	10			1	10	54	26	79	40		304
94	4,809	70	3,876	24	933	195	147	1,995	55	5	305
							4	47			306
						3	12	90			307
2	14			2	14	98	12	409			308
4	36			4	36						309
11	300	6	195	5	105			453			310
											311
18	456	12	235	6	221	15		83	13		312
5	220	5	220					83			313
2	17	1	16	1	1	9	35	300			314
38	1,782	25	1,572	13	210	20	7	2	30	5	315
4	65	2	27	2	38	53	17	137			316
4	395	2	330	2	65	2	10	350	90		317
1	117	1	117					66	34		318
						4	15	10			319
						55		428			320
											321

TABLE 4.—POWER USED IN MANUFACTURES,

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
322	Sugar and molasses, beet	2	1,300	15	25	1,300
323	Sugar and molasses, refining	137	28,047	443	354	27,917
324	Surgical appliances	38	300	12	14	141
325	Tar and turpentine	1	4			
326	Taxidermy	1	8	1	1	8
327	Thread, linen	2	1,471	10	9	1,006
328	Tinfoil	2	100	2	1	75
329	Tinsmithing, coppersmithing, and sheet iron working	302	6,330	210	190	5,417
330	Tobacco, chewing, smoking, and snuff	252	12,181	314	282	11,765
331	Tobacco, cigars and cigarettes	115	2,394	104	84	2,093
332	Tobacco, stemming and rehandling	13	390	18	14	390
333	Tools, not elsewhere specified	305	9,305	202	187	6,307
334	Toys and games	77	2,587	58	51	1,923
335	Trunks and valises	68	2,029	67	58	1,853
336	Type founding	29	663	19	16	539
337	Typewriters and supplies	20	777	10	8	674
338	Umbrellas and canes	86	1,335	31	28	978
339	Upholstery materials	106	3,790	137	105	3,185
340	Varnish	49	1,906	54	49	1,576
341	Vault lights and ventilators	4	49	3	3	47
342	Vinegar and cider	480	9,114	415	418	7,456
343	Washing machines and clothes wringers	63	1,660	54	51	1,294
344	Watch and clock materials	24	385	12	12	212
345	Watch cases	35	1,015	19	14	865
346	Watch, clock, and jewelry repairing	43	141	5	5	13
347	Watches	12	1,362	35	15	1,350
348	Wheelbarrows	21	1,148	25	26	1,063
349	Whips	41	444	18	18	287
350	Windmills	57	1,638	52	49	1,384
351	Window shades	28	1,236	27	23	720
352	Wire	23	30,175	266	145	29,190
353	Wirework, including wire rope and cable	207	6,998	163	150	5,585
354	Wood, preserving	3	118	5	4	118
355	Wood, turned and carved	621	15,887	347	312	10,369
356	Woodenware, not elsewhere specified	112	7,325	91	84	4,108
357	Wool hats	31	3,295	64	34	2,781
358	Woolen goods	1,300	122,501	1,547	880	67,192
359	Worsted goods	139	57,111	639	314	43,891
360	Zinc	7	1,425	21	11	1,425

BY SPECIFIED INDUSTRIES: 1890—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											322
2	48	2	48			20		39		23	323
5	87	3	70	2	17	16	22	33	8	2	324
								4			325
											326
2	465	2	465								327
								25			328
6	30	1	15	5	15	140	252	477	8	6	329
5	59	3	48	2	11	57	94	106	25	75	330
2	3			2	3	91	42	156		9	331
											332
64	2,251	53	2,142	11	109	31	4	656	43	13	333
18	358	14	308	4	50	5	15	278	6	2	334
6	56	4	53	1	3	28	10	82			335
						15	8	101			336
						2		101			337
3	55	1	13	2	42	39	75	188			338
14	520	10	464	4	56	4		81			339
3	303	2	300	1	3	11		16			340
						2					341
89	1,394	52	831	37	563	30		137	87	10	342
10	178	5	92	5	86	3	10	134	41		343
6	138	4	112	2	26	2	1	32			344
						12	17	115	6		345
6	9			6	9	29	2	85	3		346
						2		10			347
5	53	4	50	1	3			2	30		348
10	38	1	25	9	13	1		106	12		349
5	130	3	90	2	40	20		50	39	15	350
3	456	3	456				10	50			351
19	725	12	480	7	245			260			352
25	907	16	743	9	164	90	37	349	30		353
											354
150	3,392	95	2,427	55	965	176	7	1,625	300	18	355
80	3,119	41	1,995	39	1,124			60	38		356
10	514	5	234	5	280						357
1,195	55,030	732	39,781	463	15,249	167	7	3		102	358
111	12,437	84	10,274	27	2,163	205	1	567		10	359
											360

TABLE 5.—POWER USED IN MANUFACTURES, STATES

ALABAMA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	1,634	102,333	1,837	1,373	91,583
2	Agricultural implements	2	15	2	2	15
3	Bagging, flax, hemp, and jute	1	60	1	1	35
4	Blacksmithing and wheelwrighting	2	55	3	3	55
5	Boots and shoes, custom work and repairing	1	4			
6	Boots and shoes, factory product	1	20	1	1	20
7	Boxes, wooden packing	2	60	2	2	60
8	Brass castings and brass finishing	1	6	1	1	6
9	Bread and other bakery products	1	30	1	1	30
10	Brick and tile	31	1,289	36	34	1,221
11	Carpentering	4	74	4	4	74
12	Carriages and wagons, including custom work and repairing	7	251	7	7	216
13	Cars and general shop construction and repairs by steam railroad companies	8	650	13	13	650
14	Cars and general shop construction and repairs by street railroad companies	1	6	1	1	6
15	Cars, steam railroad, not including operations of railroad companies	3	1,510	25	12	1,510
16	Clay and pottery products	4	64	3	3	62
17	Clothing, men's, factory product	2	20	1	1	10
18	Coke	7	405	14	11	405
19	Cooperage	2	55	3	2	55
20	Cordage and twine	1	45	1	1	45
21	Cotton, ginning	194	2,870	151	151	2,386
22	Cotton goods	13	3,361	23	10	1,956
23	Dyeing and cleaning	4	36	4	4	36
24	Dye stuffs and extracts	1	1,500	10	3	1,500
25	Fertilizers	7	561	12	10	561
26	Flouring and grist mill products	702	12,296	254	254	5,388
27	Foundry and machine shop products	38	1,909	41	51	1,749
28	Furniture, cabinetmaking, repairing and upholstering	2	24	2	2	24
29	Furniture, chairs	1	20	1	1	20
30	Furniture, factory product	3	63	2	2	28
31	Gas, illuminating and heating	6	34	6	6	34
32	Hardware	1	120	1	1	120
33	High explosives	1	10	1	1	10
34	Hosiery and knit goods	3	115	3	3	115
35	House furnishing goods, not elsewhere specified	1	30	1	1	30
36	Ice, artificial	17	1,118	28	30	1,078
37	Iron and steel	35	50,685	528	179	50,685
38	Iron and steel, bolts, nuts, washers, and rivets	1	120	2	2	120
39	Iron and steel, nails and spikes, cut and wrought, including wire nails	1	40	1	1	40
40	Leather, tanned and curried	6	69	4	4	62
41	Lime and cement	3	195	9	7	195
42	Liquors, malt	3	405	7	8	405
43	Lock and gun smithing	2	9			
44	Lumber and other mill products from logs or bolts	390	17,660	518	438	16,377
45	Lumber, planing mill products, including sash, doors, and blinds	45	1,716	47	48	1,631
46	Marble and stone work	1	45	1	1	45
47	Masonry, brick and stone	2	13	2	2	13
48	Mattresses and spring beds	1	10	1	1	10
49	Mineral and soda waters	4	43	5	4	43
50	Oil, cottonseed and cake	9	1,815	23	17	1,815
51	Pickles, preserves, and sauces	1	6	1	1	6
52	Plumbing and gas fitting	1	40	1	1	40
53	Printing and publishing, book and job	11	78	4	4	37
54	Printing and publishing, newspapers and periodicals	26	171	13	14	115
55	Safes and vaults	1	100	1	1	100
56	Shipbuilding	2	40	2	2	46
57	Soap and candles	2	27	3	2	27
58	Tar and turpentine	1	4			
59	Wood, turned and carved	3	68	3	3	66
60	Woodenware, not elsewhere specified	2	195	2	3	195
61	Woolen goods	6	87			

AND TERRITORIES, BY SPECIFIED INDUSTRIES: 1890.

ALABAMA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
764	10,382	291	5,548	473	4,834	51	14	222	61	20	1
											2
1	25			1	25						3
											4
1	4			1	4						5
											6
											7
											8
											9
1	25			1	25			43			10
											11
1	35			1	35						12
											13
											14
											15
1	2			1	2						16
						10					17
											18
											19
											20
44	413	20	244	24	169			63		8	21
12	1,405	11	1,345	1	60						22
											23
											24
											25
609	6,908	229	3,151	380	3,757						26
2	160	2	160								27
											28
											29
								35			30
											31
											32
											33
											34
											35
								40			36
											37
											38
											39
1	6			1	6	1					40
											41
											42
2	9			2	9						43
75	1,203	27	613	48	590			32	48		44
1	80			1	80			5			45
											46
											47
											48
											49
											50
											51
											52
4	13			4	13	16	4			8	53
2	5			2	5	24	10		13	4	54
											55
											56
											57
								4			58
1	2			1	2						59
											60
6	87	2	35	4	52						61

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

ALASKA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	Lumber and other mill products from logs or bolts	9	451	9	7	290

ARIZONA.

1	All industries	21	826	19	16	457
2	Cars and general shop construction and repairs by steam railroad companies	2	26	2	2	26
3	Flouring and grist mill products	5	320			
4	Foundry and machine shop products	1	6	1	1	6
5	Gas, illuminating and heating	1	2	1	1	2
6	Ice, artificial	2	45	2	3	45
7	Lumber and other mill products from logs or bolts	3	330	10	6	330
8	Lumber, planing mill products, including sash, doors, and blinds	2	80	1	1	40
9	Printing and publishing, newspapers and periodicals	5	17	2	2	8

ARKANSAS.

1	All industries	1,140	38,344	1,244	1,172	36,365
2	Boxes, wooden packing	2	190	4	3	190
3	Brick and tile	12	461	14	12	461
4	Carpentering	1	40	1	1	40
5	Carriage and wagon materials	1	40	1	1	40
6	Carriages and wagons, including custom work and repairing	6	84	7	7	84
7	Cars and general shop construction and repairs by steam railroad companies	6	315	9	9	315
8	Clay and pottery products	1	6	1	1	6
9	Cotton, ginning	125	2,564	129	128	2,544
10	Cotton goods	2	328	1	1	120
11	Dyeing and cleaning	2	9	2	2	9
12	Flouring and grist mill products	376	7,829	310	312	6,623
13	Foundry and machine shop products	14	260	15	15	260
14	Fruits and vegetables, canning and preserving	4	120	4	4	120
15	Furniture, cabinetmaking, repairing and upholstering	1	25	1	1	25
16	Furniture, chairs	1	20	1	1	20
17	Furniture, factory product	4	225	5	4	225
18	Gas, illuminating and heating	5	62	6	7	62
19	Ice, artificial	5	1,011	13	22	971
20	Leather, tanned and curried	2	30	2	2	30
21	Liquors, distilled	10	199	10	10	199
22	Lumber and other mill products from logs or bolts	487	20,236	600	553	19,862
23	Lumber, planing mill products, including sash, doors, and blinds	38	1,568	50	42	1,568
24	Mineral and soda waters	1	4	1	1	4
25	Oil, cottonseed and cake	8	2,431	42	19	2,416
26	Paints	1	15	1	1	15
27	Printing and publishing, book and job	2	11			
28	Printing and publishing, newspapers and periodicals	16	167	9	10	117
29	Tinsmithing, coppersmithing, and sheet-iron working	1	4	3	1	4
30	Woolen goods	6	90	2	2	35

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

ALASKA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
3	161	3	161								1

ARIZONA.

8	329	6	322	2	7			40			1
											2
5	320	5	320								3
											4
											5
											6
											7
								40			8
3	9	1	2	2	7						9

ARKANSAS.

119	1,778	56	1,101	63	677	31	7	160		3	1
											2
											3
											4
											5
											6
											7
											8
2	20			2	20						9
1	208	1	208								10
											11
79	1,203	42	776	37	427					3	12
											13
											14
											15
											16
											17
											18
								40			19
											20
											21
27	248	11	99	16	149	6		120			22
											23
											24
						15					25
											26
1	4			1	4		7				27
6	40	1	8	5	32	10					28
											29
3	55	1	10	2	45						30

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND CALIFORNIA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	1,614	73,324	1,763	1,481	64,864
2	Agricultural implements	25	790	25	26	786
3	Ammunition	5	63	6	5	63
4	Awnings, tents, and sails	1	5	1	1	5
5	Axle grease	1	40	1	1	40
6	Babbitt metal and solder	1	12			
7	Bags, other than paper	4	299	4	3	277
8	Baking and yeast powders	1	40	1	1	40
9	Basket and rattan and willow ware	1	30	1	1	30
10	Belting and hose, leather	3	65	3	3	65
11	Belting and hose, rubber	1	50	1	1	50
12	Bicycle and tricycle repairing	1	4	1	1	4
13	Billiard tables and materials	1	2			
14	Blacksmithing and wheelwrighting	19	150	17	16	143
15	Bookbinding and blank-book making	6	19			
16	Boots and shoes, factory product	15	327	9	9	269
17	Boxes, cigar	5	485	8	5	470
18	Boxes, fancy and paper	2	3			
19	Boxes, wooden packing	18	1,645	19	15	1,375
20	Brass castings and brass finishing	8	62	2	2	22
21	Bread and other bakery products	8	193	9	7	192
22	Brick and tile	10	865	17	17	865
23	Bridges	4	362	11	15	362
24	Brooms and brushes	4	19	1	1	6
25	Carpentering	27	282	13	22	215
26	Carriages and wagons, including custom work and repairing	30	323	19	19	256
27	Cars and general shop construction and repairs by steam railroad companies	7	1,089	16	27	1,089
28	Cars and general shop construction and repairs by street railroad companies	5	777	5	3	250
29	Cars, street railroad, not including operations of railroad companies	1	40	1	1	40
30	Cheese and butter, urban dairy product	1	4	1	1	4
31	Cheese, butter, and condensed milk, factory product	7	67	7	7	65
32	Chemicals	14	685	20	22	685
33	Chocolate and cocoa products	1	60	1	1	60
34	Clay and pottery products	10	760	19	12	760
35	Clothing, men's, factory product	5	74			
36	Clothing, women's, factory product	8	20			
37	Coffee and spice, roasting and grinding	21	374	12	14	295
38	Coffins, burial cases, and undertakers' goods	1	100	3	2	100
39	Confectionery	15	199	10	10	161
40	Cooperage	7	422	8	6	410
41	Cordage and twine	1	300	4	1	300
42	Cork, cutting	1	1			
43	Cotton goods	1	600	3	1	600
44	Cutlery and edge tools	7	20			
45	Dentistry, mechanical	6	7			
46	Drug grinding	1	65	2	1	65
47	Dyeing and cleaning	11	284	12	11	283
48	Electrical apparatus and supplies	1	6			
49	Electroplating	2	33	1	1	25
50	Fertilizers	4	160	6	4	100
51	Fireworks	1	4	1	1	4
52	Flouring and grist mill products	101	7,710	112	74	6,527
53	Food preparations	11	212	10	9	179
54	Foundry and machine shop products	123	2,601	95	98	2,117
55	Fruits and vegetables, canning and preserving	30	691	44	31	691
56	Furnishing goods, men's	3	19			
57	Furniture, cabinetmaking, repairing and upholstering	10	69	4	4	34
58	Furniture, factory product	29	728	19	19	574
59	Gas and lamp fixtures	2	35	1	1	20
60	Gas, illuminating and heating	14	1,144	33	24	1,132
61	Glass	1	30	2	1	30
62	Glass, cutting, staining, and ornamenting	3	8	1	1	5
63	Gloves and mittens	7	17			
64	Glue	3	64	6	3	64
65	Hardware	1	34	1	1	34
66	Hardware, saddlery	1	4	1	1	4
67	Hats and caps, not including wool hats	3	15	2	3	14
68	High explosives	4	1,088	19	15	865
69	Hosiery and knit goods	1	7			
70	Ice, artificial	6	115	3	2	35
71	Iron and steel	3	3,160	68	36	3,160
72	Iron and steel, bolts, nuts, washers, and rivets	1	25	1	1	25
73	Iron and steel, forgings	3	17	1	1	10
74	Iron and steel, nails and spikes, cut and wrought, including wire nails	1	2,605	14	20	2,605
75	Ironwork, architectural and ornamental	13	156	6	6	92
76	Jewelry	9	48			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

CALIFORNIA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
190	5,091	62	2,007	128	3,084	393	361	2,562	31	22	1
							4				2
											3
											4
											5
								12			6
								22			7
											8
											9
											10
											11
											12
1	3			1	3	1		2			13
								3			14
								19			15
						30		28			16
								15			17
						3					18
6	268	5	228	1	40			2			19
						1		39			20
							1				21
											22
											23
							11	2			24
							25	42			25
						15	49	3			26
											27
								527			28
											29
											30
										2	31
											32
											33
											34
						42	2	30			35
						20					36
								79			37
											38
							11	27			39
								12			40
											41
							1				42
											43
						5		16			44
						7					45
											46
						1					47
						6					48
								8			49
											50
											51
42	1,163	24	836	18	327					20	52
11	107	1	18	10	89	10	9	33			53
								358			54
						14	5				55
1	2			1	2	10		13			56
						28		126			57
								15			58
							12				59
											60
											61
								3			62
						14	3				63
											64
											65
											66
						1					67
11	223	4	147	7	76						68
							7				69
4	80			4	80						70
											71
											72
								7			73
											74
							10	54			75
						4	4	40			76

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND CALIFORNIA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
77	Kaolin and other earth grinding	3	136	3	3	136
78	Lasts	2	14			
79	Lead, bar, pipe, and sheet	1	80	2	1	80
80	Leather, tanned and curried	46	1,281	53	47	1,263
81	Liquors, distilled	4	111	5	4	111
82	Liquors, malt	40	2,683	61	67	2,678
83	Liquors, vinous	40	775	44	42	767
84	Lithographing and engraving	6	101	1	1	60
85	Looking-glass and picture frames	3	18	1	2	13
86	Lumber and other mill products from logs or bolts	220	18,351	359	230	16,556
87	Lumber, planing mill products, including sash, doors, and blinds	115	4,277	101	89	3,600
88	Malt	5	130	6	6	130
89	Marble and stone work	9	259	8	8	242
90	Masonry, brick and stone	3	36	3	3	26
91	Matches	2	50	2	2	50
92	Mattresses and spring beds	1	65	1	1	65
93	Millinery and lace goods	3	9	1	1	2
94	Mineral and soda waters	9	55	5	5	39
95	Models and patterns	8	24			
96	Monuments and tombstones	1	55	2	3	55
97	Musical instruments, pianos and materials	1	13	1	1	3
98	Oakum	1	40	1	1	40
99	Oil, illuminating, not including petroleum, refining	1	45	1	1	45
100	Oil, linseed	2	175	5	2	175
101	Oil, lubricating	2	19	1	1	4
102	Painting and paper hanging	1	20	1	1	20
103	Paints	5	224	9	5	224
104	Paper	5	927	15	14	862
105	Patent medicines and compounds	4	111	3	3	74
106	Paving and paving materials	8	228	22	20	228
107	Petroleum, refining	2	210	7	11	210
108	Photography	1	4			
109	Pickles, preserves, and sauces	7	62	5	5	45
110	Plastering and stuccowork	1	25	1	1	25
111	Plumbers' supplies	7	69	4	4	53
112	Plumbing and gas fitting	3	9	1	1	2
113	Printing and publishing, book and job	52	452	13	11	279
114	Printing and publishing, newspapers and periodicals	120	1,114	68	66	805
115	Pulp, wood	1	1,000			
116	Pumps, not including steam pumps	1	13	1	1	13
117	Saddlery and harness	8	55			
118	Safes and vaults	2	8	1	1	6
119	Salt	5	130	5	6	98
120	Sausage	6	44	3	3	22
121	Saws	3	74	1	1	50
122	Shipbuilding	11	1,061	39	31	995
123	Shirts	6	62	1	1	45
124	Shoddy	1	35	1	1	35
125	Silk and silk goods	3	44			
126	Slaughtering and meat packing, wholesale	16	424	20	19	422
127	Soap and candles	13	255	20	16	255
128	Sporting goods	1	3			
129	Steam fittings and heating apparatus	2	40	2	2	40
130	Stereotyping and electrotyping	3	14	1	1	9
131	Sugar and molasses, beet	2	1,300	15	25	1,300
132	Sugar and molasses, refining	3	1,165	44	19	1,165
133	Tinsmithing, coppersmithing, and sheet-iron working	12	153	6	5	109
134	Tobacco, chewing, smoking, and snuff	1	6	1	1	6
135	Tools, not elsewhere specified	5	36	2	3	20
136	Toys and games	1	12	1	1	12
137	Trunks and valises	3	80	2	2	70
138	Type founding	1	50	1	1	50
139	Umbrellas and canes	2	7	1	1	5
140	Upholstery materials	4	79	4	4	79
141	Vinegar and cider	4	33	4	5	33
142	Watch and clock materials	1	35	1	1	35
143	Watch, clock, and jewelry repairing	1	5	1	1	5
144	Windmills	2	50	2	2	50
145	Wirework, including wire rope and cable	6	484	8	5	470
146	Wood, turned and carved	9	32			
147	Woolen goods	8	1,530	15	11	1,450

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

CALIFORNIA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											77
								14			78
3	18			3	18						79
											80
											81
2	5			2	5						82
							8				83
								41			84
						1	4				85
64	1,795	19	617	45	1,178						86
9	205			9	205			472			87
											88
								17			89
								10			90
											91
											92
						7					93
2	2			2	2	1	10	3			94
								24			95
											96
											97
											98
											99
											100
								15			101
											102
											103
2	65	2	65								104
							35	2			105
											106
											107
							4				108
								17			109
											110
								16			111
							4	3			112
						27	41	105			113
18	43	6	16	12	27	71	65	104	26		114
6	1,000			6	1,000						115
											116
						38	17				117
								2			118
7	32			7	32						119
						2		20			120
								24			121
						1		5			122
						6		6	5		123
											124
						1		43			125
							2				126
											127
						3					128
											129
								5			130
											131
											132
						14	15	15			133
											134
						8		8			135
											136
								10			137
											138
							2				139
											140
											141
											142
											143
											144
								14			145
1	80	1	80			1		31			146
											147

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND COLORADO.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	399	32,734	543	457	30,641
2	Awnings, tents, and sails	1	6	1	1	6
3	Baking and yeast powders	1	40	1	1	40
4	Blacksmithing and wheelwrighting	2	6	1	1	5
5	Bookbinding and blank-book making	3	10	1	1	6
6	Boxes, wooden packing	2	33	2	2	33
7	Bread and other bakery products	6	125	6	6	100
8	Brick and tile	22	1,282	30	27	1,282
9	Carpentering	4	46	4	4	46
10	Carriages and wagons, including custom work and repairing	5	120	5	5	120
11	Cars and general shop construction and repairs by steam railroad companies	7	675	23	10	675
12	Cheese, butter, and condensed milk, factory product	6	44	6	6	44
13	Chemicals	1	40	1	1	40
14	Clay and pottery products	4	215	5	5	215
15	Clothing, men's, factory product	1	9			
16	Clothing, women's, factory product	1	1			
17	Coke	1	10	1	1	10
18	Confectionery	4	35	3	2	32
19	Dyeing and cleaning	2	10	2	2	10
20	Electroplating	1	15	1	1	15
21	Engraving and diesinking	1	3			
22	Fertilizers	1	90			
23	Flouring and grist mill products	33	3,329	32	23	2,308
24	Food preparations	1	60	1	1	60
25	Foundry and machine shop products	30	1,128	35	41	1,118
26	Fruits and vegetables, canning and preserving	3	160	5	4	160
27	Furniture; chairs	1	3			
28	Furniture, factory product	3	42	3	3	42
29	Gas, illuminating and heating	5	92	7	6	92
30	Glass	1	40	1	1	40
31	Glass, cutting, staining, and ornamenting	1	5			
32	Grease and tallow	2	338	5	3	338
33	Hand stamps	1	2			
34	Ice, artificial	1	70	3	1	70
35	Instruments, professional and scientific	1	6			
36	Iron and steel	2	14,950	112	39	14,950
37	Ironwork, architectural and ornamental	4	44	3	3	40
38	Jewelry	3	15	1	1	8
39	Kaolin and other earth grinding	2	65	2	2	65
40	Kindling wood	1	10	1	1	10
41	Lead, bar, pipe, and sheet	1	60	1	1	60
42	Lime and cement	1	60	2	1	60
43	Liquors, malt	10	1,983	19	41	1,983
44	Lithographing and engraving	2	50	1	1	30
45	Looking-glass and picture frames	1	2	1	1	2
46	Lumber and other mill products from logs or bolts	109	3,454	115	112	2,786
47	Lumber, planing mill products, including sash, doors, and blinds	18	1,264	20	20	1,224
48	Marble and stone work	2	28	2	2	28
49	Masonry, brick and stone	4	186	9	10	186
50	Mattresses and spring beds	2	160	2	2	160
51	Mineral and soda waters	5	62	6	5	62
52	Models and patterns	1	2			
53	Monuments and tombstones	1	10	1	1	10
54	Oil, lubricating	1	50			
55	Oleomargarine	1	18	1	1	18
56	Optical goods	1	1			
57	Paints	4	322	4	4	322
58	Paving and paving materials	1	135	3	4	135
59	Petroleum, refining	2	635	12	6	635
60	Pickles, preserves, and sauces	2	75	2	2	75
61	Pipes, tobacco	1	6	1	1	6
62	Plumbers' supplies	1	40	1	2	40
63	Printing and publishing, book and job	8	60	1	1	35
64	Printing and publishing, newspapers and periodicals	30	291	20	19	252
65	Printing materials	1	4	1	1	4
66	Saddlery and harness	1	4			
67	Scales and balances	1	10	1	1	10
68	Shirts	1	2			
69	Slaughtering and meat packing, wholesale	4	170	6	5	170
70	Smelting and refining	2	170	1	1	150
71	Soap and candles	2	170	3	3	170
72	Stamped ware	1	25			
73	Stereotyping and electrotyping	1	2			
74	Tinsmithing, coppersmithing, and sheet-iron working	1	10	1	1	10
75	Trunks and valises	1	8	1	1	8
76	Watch cases	1	1			
77	Wood, turned and carved	2	30	2	2	30

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

COLORADO.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
47	1,723	27	1,237	20	486	58	36	259	17	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
1	1	.....	.....	1	1	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	9	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	21
1	90	.....	.....	1	90	.....	.....	.....	.....	.....	22
17	1,021	14	899	3	122	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	31
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
1	2	.....	.....	1	2	.....	.....	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	37
.....	.....	.....	.....	.....	.....	1	.....	6	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	20	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
21	573	12	334	9	239	.....	.....	95	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	40	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53
.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	4	14	7	.....	.....	63
5	16	1	4	4	12	4	2	.....	17	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
1	20	.....	.....	1	20	.....	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	72
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

CONNECTICUT.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	2,185	163,233	2,476	1,794	96,178
2	Agricultural implements	8	675	4	4	136
3	Ammunition	2	1,530	17	6	1,515
4	Bagging, flax, hemp, and jute	1	60			
5	Bags, paper	1	2	1	1	2
6	Baking and yeast powders	1	25			
7	Bells	7	150	2	2	52
8	Belting and hose, leather	2	100	3	2	100
9	Belting and hose, rubber	2	1,300	13	3	500
10	Bicycle and tricycle repairing	2	5	1	1	4
11	Bicycles and tricycles	2	101	1	1	100
12	Billiard tables and materials	1	90	1	1	90
13	Blacking	1	40			
14	Blacksmithing and wheelwrighting	29	373	13	13	120
15	Bookbinding and blank-book making	4	7	1	1	2
16	Boot and shoe findings	1	5	1	1	5
17	Boots and shoes, custom work and repairing	3	5			
18	Boots and shoes, factory product	15	204	12	12	188
19	Boots and shoes, rubber	2	2,150	19	10	1,850
20	Bottling	4	20	4	4	20
21	Boxes, cigar	3	8	1	1	5
22	Boxes, fancy and paper	30	293	21	20	202
23	Boxes, wooden packing	9	212	5	6	163
24	Brass	3	1,662	16	9	1,562
25	Brass and copper, rolled	5	2,645	18	12	1,750
26	Brass castings and brass finishing	13	5,879	58	31	4,610
27	Brassware	22	5,726	65	41	4,882
28	Bread and other bakery products	14	136	5	5	110
29	Brick and tile	20	799	28	27	799
30	Bridges	1	24	2	2	24
31	Brooms and brushes	4	41			
32	Buttons	14	509	12	11	335
33	Carpentering	69	1,002	49	49	749
34	Carpets and rugs, other than rag	2	1,175	25	6	1,175
35	Carriage and wagon materials	33	1,484	28	24	960
36	Carriages and wagons, including custom work and repairing	43	719	27	24	408
37	Cars and general shop construction and repairs by steam railroad companies	8	474	12	10	474
38	Cheese and butter, urban dairy product	1	5	1	1	5
39	Cheese, butter, and condensed milk, factory product	48	278	48	48	278
40	Chemicals	3	165	5	3	165
41	Cigar molds	1	10			
42	Clay and pottery products	3	90	2	2	50
43	Cleansing and polishing preparations	1	25	1	1	25
44	Clock cases and materials	3	18			
45	Clocks	8	1,249	26	14	920
46	Clothing, women's, factory product	1	40	2	1	40
47	Coffee and spice, roasting and grinding	3	55	3	3	55
48	Coffins and burial cases, trimming and finishing	6	181	5	4	93
49	Combs	1	90	2	1	50
50	Confectionery	23	56	6	6	23
51	Cooperage	1	30	1	1	30
52	Cordage and twine	10	625	4	3	68
53	Cork, cutting	1	6	1	1	6
54	Corsets	17	669	18	15	590
55	Cotton goods	65	30,671	154	65	10,775
56	Crucibles	1	40	1	1	40
57	Cutlery and edge tools	46	3,539	26	19	805
58	Dentistry, mechanical	4	4	1	1	1
59	Dyeing and cleaning	4	103	5	3	90
60	Dyeing and finishing textiles	5	1,186	14	13	725
61	Dye stuffs and extracts	3	2,020	37	16	1,700
62	Electrical apparatus and supplies	4	346	5	4	315
63	Electroplating	6	65	1	1	20
64	Engraving and diesinking	1	5			
65	Envelopes	3	223	3	2	65
66	Fancy articles, not elsewhere specified	6	70	2	2	45
67	Felt goods	2	520	8	3	310
68	Fertilizers	8	825	14	16	825
69	Files	6	28			
70	Firearms	8	709	8	8	660
71	Fireworks	1	3			
72	Flouring and grist mill products	174	5,769	34	32	1,068
73	Food preparations	2	18	2	2	18
74	Foundry and machine shop products	184	6,918	203	157	5,525
75	Foundry supplies	2	290	2	2	135
76	Fruit jar trimmings	1	20	1	2	20
77	Fruits and vegetables, canning and preserving	1	25	2	1	25
78	Fur goods	1	1			
79	Furnishing goods, men's	2	14	1	1	12
80	Furniture, cabinetmaking, repairing and upholstering	9	193	4	4	49
81	Furniture, chairs	2	78	3	2	78

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

CONNECTICUT.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.			
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	Not specified. (Horse power.)	
1,365	63,417	980	51,434	385	11,983	205	215	1,860	1,238	120	1
14	539	3	175	11	364						2
1	15	1	15								3
1	60	1	60								4
											5
								25			6
9	98	4	59	5	39						7
											8
5	800	5	800								9
							1				10
								1			11
											12
1	40	1	40								13
14	202	8	148	6	54		2	1	48		14
1	2			1	2	1	2				15
											16
							2			3	17
						4	7	5			18
2	300	2	300								19
											20
								3			21
1	40	1	40				10	36	5		22
1	25	1	25					24			23
2	100	2	100								24
11	895	8	660	3	235						25
14	1,225	8	705	6	520			34	10		26
10	800	8	735	2	65			9	35		27
4	9			4	9	4	13				28
											29
											30
3	40	2	35	1	5	1					31
7	145	7	145					29			32
6	65	3	29	3	30		7	158	18	5	33
13	488	9	315	4	173			36			34
20	271	14	221	6	50		20	20			35
											36
											37
											38
											39
											40
1	10	1	10								41
									40		42
											43
1	12			1	12			6			44
11	329	11	329								45
											46
											47
4	88	4	88								48
1	40			1	40						49
5	13			5	13	8	8	4			50
											51
12	567	11	547	1	20						52
											53
3	57	2	50	1	7		8	14			54
160	19,896	143	18,543	17	1,353						55
											56
56	2,707	47	2,402	9	305	3		18	6		57
2	2			2	2					1	58
9	461	4	111	5	350			13			59
10	320	8	220	2	100						60
											61
								31			62
2	22	2	22					8	5		63
								5			64
3	158	3	158								65
2	22			2	22			3			66
3	210			3	210						67
											68
2	13	1	3	1	10			15			69
2	45	1	30	1	15			4			70
								3			71
215	4,671	157	3,450	68	1,221					30	72
											73
89	1,072	24	850	15	222	16	29	247	29		74
2	155	2	155								75
											76
											77
						1					78
						2					79
7	142	4	90	3	52			2			80
											81

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND CONNECTICUT—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Furniture, factory product	4	135	3	3	110
83	Gas, illuminating and heating	16	628	26	24	628
84	Gas stoves	3	69	2	2	68
85	Gold and silver, leaf and foil	2	14	1	1	12
86	Grease and tallow	5	95	6	6	95
87	Gunpowder	2	692	6	4	300
88	Hardware	68	5,720	121	85	4,773
89	Hardware, saddlery	5	280	6	6	275
90	Hat and cap materials	16	888	17	12	620
91	Hats and caps, not including wool hats	42	2,633	94	48	2,576
92	Hooks and eyes	4	110	4	3	70
93	Hosiery and knit goods	26	2,405	36	21	1,495
94	House furnishing goods, not elsewhere specified	7	1,895	15	9	1,260
95	Instruments, professional and scientific	2	22			
96	Iron and steel	13	3,075	45	25	2,385
97	Iron and steel, bolts, nuts, washers, and rivets	9	972	9	8	542
98	Iron and steel, forgings	3	430	13	8	250
99	Iron and steel, nails and spikes, cut and wrought, including wire nails	2	350	3	2	250
100	Ironwork, architectural and ornamental	3	40	3	3	40
101	Ivory and bone work	5	328	7	5	172
102	Jewelry	2	20	2	2	20
103	Jute and jute goods	1	45	1	1	15
104	Kaolin and other earth grinding	3	135	3	2	95
105	Lamps and reflectors	2	16	1	1	10
106	Leather, morocco	1	125	1	1	75
107	Leather, patent and enameled	1	20	1	1	20
108	Leather, tanned and curried	6	209	4	3	63
109	Lime and cement	5	103	7	22	103
110	Liquors, distilled	6	131	7	4	113
111	Liquors, malt	14	812	22	24	812
112	Liquors, vinous	1	22			
113	Lithographing and engraving	2	13			
114	Lock and gun smithing	1	1			
115	Looking-glass and picture frames	1	2			
116	Lumber and other mill products from logs or bolts	154	5,226	56	56	1,876
117	Lumber, planing mill products, including sash, doors, and blinds	47	2,351	43	33	1,807
118	Malt	1	80	1	1	80
119	Marble and stone work	5	80	8	8	80
120	Masonry, brick and stone	12	494	26	25	480
121	Matches	1	100	3	3	100
122	Mats and matting	2	30			
123	Mattresses and spring beds	6	115	5	5	113
124	Millinery and lace goods	3	77	3	2	75
125	Millinery, custom work	1	3	1	1	3
126	Mineral and soda waters	7	92	3	3	19
127	Models and patterns	5	94	3	2	81
128	Monuments and tombstones	14	128	13	13	118
129	Mucilage and paste	2	6	1	1	5
130	Musical instruments, organs and materials	5	230	5	5	146
131	Musical instruments, pianos and materials	4	558	10	5	440
132	Needles and pins	13	378	8	7	141
133	Oakum	2	65	1	1	25
134	Oil, essential	2	28	2	1	8
135	Ordnance and ordnance stores	1	2			
136	Paints	2	205	4	3	205
137	Paper	42	11,120	90	66	4,441
138	Paper goods, not elsewhere specified	1	1			
139	Patent medicines and compounds	3	84	2	2	80
140	Paving and paving materials	2	97	7	6	97
141	Pens, fountain and stylographic	1	140			
142	Pens, steel	1	10			
143	Perfumery and cosmetics	1	10			
144	Phonographs and graphophones	1	25	2	1	25
145	Photographic apparatus	1	25	1	1	25
146	Photolithographing and engraving	1	20	1	1	20
147	Pickles, preserves, and sauces	1	4	1	1	4
148	Plastering and stuccowork	1	30	1	1	30
149	Plated and britannia ware	21	2,516	42	25	1,745
150	Plumbers' supplies	1	10	1	1	10
151	Plumbing and gas fitting	10	135	5	5	118
152	Pocketbooks	1	3			
153	Printing and publishing, book and job	46	326	22	21	249
154	Printing and publishing, newspapers and periodicals	81	597	60	60	507
155	Printing materials	2	100	2	1	50
156	Printing, tin	1	2			
157	Pumps, not including steam pumps	1	275	3	2	275
158	Regalia and society banners and emblems	1	4	1	1	4
159	Registers, car fare	3	22	1	1	15
160	Rubber and elastic goods	14	2,530	47	24	1,789
161	Rules, ivory and wood	1	35			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

CONNECTICUT—Continued.

WATER POWER.						ELECTRICITY.	OAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
1	25	1	25								82
											83
								1			84
								2			85
											86
24	392	22	350	2	42						87
25	870	20	722	5	148		2	75			88
									5		89
7	205	6	145	1	60		2	61			90
3	47	3	47					10			91
1	10			1	10				30		92
18	910	14	595	4	315						93
7	635	7	635								94
1	20	1	20					2			95
10	600	6	535	4	155						96
9	395	8	380	1	15	35					97
4	180	1	30	3	150						98
1	100	1	100								99
											100
0	156	6	156								101
											102
1	30	1	30								103
1	40	1	40								104
								6			105
1	50			1	50						106
											107
8	146	2	50	6	96						108
											109
2	18			2	18						110
											111
1	22	1	22								112
								13			113
1	1			1	1						114
						2					115
151	3,323	95	2,165	56	1,158				12	15	116
13	414	6	225	7	189	8		112		10	117
											118
											119
								14			120
											121
2	30			2	30						122
								2			123
								2			124
											125
							71	2			126
								13			127
								10			128
								1			129
1	50	1	50			4		30			130
4	118	2	50	2	68						131
8	195	7	190	1	5		1	17	24		132
2	40	1	10	1	30						133
1	20	1	20								134
								2			135
											136
102	5,759	86	4,857	10	902	10		10	900		137
								1			138
						4					139
											140
								140			141
								10			142
							10				143
											144
											145
											146
											147
											148
13	571	11	506	2	65			200			149
											150
2	7			2	7	7		3			151
								3			152
2	4			2	4	22	2	47	2		153
10	28			10	28	10	6	25	15	6	154
1	50			1	50						155
									2		156
											157
											158
1	4			1	4			3			159
11	696	8	579	3	117	5		40			160
1	35	1	35								161

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

CONNECTICUT—Continued.

	INDUSTRIES	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
162	Saddlery and harness	6	220	6	5	167
163	Sausage	5	39	4	4	36
164	Saws	2	40			
165	Scales and balances	1	50	1	1	50
166	Screws, machine	2	308	6	2	308
167	Screws, wood	2	37	3	1	15
168	Sewing machines and attachments	4	656	17	6	650
169	Shipbuilding	8	369	11	13	369
170	Shirts	3	9	2	1	6
171	Shoddy	7	633	9	6	188
172	Silk and silk goods	35	3,234	63	33	2,460
173	Silverware	3	167	4	3	162
174	Slaughtering and meat packing, wholesale	6	271	11	9	271
175	Smelting and refining	2	1,195	7	3	1,195
176	Soap and candles	10	523	10	9	283
177	Sporting goods	5	103	3	3	63
178	Springs, steel, car and carriage	2	70	1	1	25
179	Stamped ware	8	129	8	7	103
180	Starch	3	14			
181	Stationery goods, not elsewhere specified	4	30	3	3	24
182	Steam fittings and heating apparatus	10	545	15	12	535
183	Stereotyping and electrotyping	3	119	3	4	115
184	Surgical appliances	2	7	1	1	2
185	Tinsmithing, coppersmithing, and sheet-iron working	3	196	5	4	195
186	Tobacco, cigars and cigarettes	1	5			
187	Tools, not elsewhere specified	21	1,218	15	12	621
188	Toys and games	4	62	5	5	47
189	Trunks and valises	1	18			
190	Typewriters and supplies	2	75	2	1	50
191	Umbrellas and canes	1	53	1	1	40
192	Upholstery materials	2	65	1	1	60
193	Varnish	2	320	1	1	20
194	Vinegar and cider	16	170	9	9	88
195	Washing machines and clothes wringers	1	145	3	1	100
196	Watch and clock materials	9	216	7	7	132
197	Watches	1	65	3	1	65
198	Window shades	1	15	1	1	15
199	Wire	1	675	9	3	675
200	Wirework, including wire rope and cable	14	232	5	5	86
201	Wood, turned and carved	33	732	14	13	275
202	Woolen goods	54	9,131	100	55	3,863
203	Wool hats	1	150	4	1	150
204	Worsted goods	10	3,120	31	14	1,550

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

CONNECTICUT—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
2	27			2	27	35					162
1	20	1	20			20		3			163
											164
											165
											166
								22			167
						1		5			168
											169
						1		2			170
8	445	2	135	6	310						171
25	666	15	398	10	268			108			172
								5			173
											174
											175
9	240	4	135	5	105						176
2	30	2	30						10		177
1	45	1	45								178
1	16	1	16					10			179
							7	2		5	180
1	6	1	6								181
								10			182
								4			183
								5			184
1	1			1	1						185
							5				186
12	568	11	558	1	10			21	8		187
1	15			1	15						188
2	18	2	18								189
								25			190
1	13	1	13								191
								5			192
2	300	2	300								193
7	82	5	60	2	22						194
3	45	3	45								195
4	83	2	57	2	26	1					196
											197
											198
											199
8	139	4	75	4	64			7			200
26	408	13	199	13	209			15	34		201
82	5,223	68	4,420	14	803					45	202
											203
17	1,570	9	670	8	900						204

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND DELAWARE.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	311	26,516	521	393	21,556
2	Baskets and rattan and willow ware	2	60	2	2	60
3	Belting and hose, leather	1	6			
4	Blacksmithing and wheelwrighting	6	77	5	5	65
5	Boots and shoes, factory product	1	6			
6	Bottling	2	3			
7	Boxes, wooden packing	3	115	2	3	100
8	Brass castings and brass finishing	1	12	1	1	12
9	Bread and other bakery products	3	37	2	2	35
10	Brick and tile	5	275	7	6	275
11	Bridges	1	8	1	1	8
12	Carpentering	1	6			
13	Carriage and wagon materials	3	115	2	2	80
14	Carriages and wagons, including custom work and repairing	8	120	5	5	101
15	Cars and general shop construction and repairs by steam railroad companies	2	246	10	7	246
16	Cars, steam railroad, not including operations of railroad companies	3	975	14	12	975
17	Cheese and butter, urban dairy product	1	4			
18	Cheese, butter, and condensed milk, factory product	5	55	5	5	55
19	Chemicals	2	175	6	4	175
20	Clay and pottery products	1	50	2	1	50
21	Confectionery	7	31	7	6	29
22	Cordage and twine	1	210	3	1	210
23	Cordials and sirups	1	12	2	1	12
24	Cotton goods	7	1,965	18	7	1,255
25	Cutlery and edge tools	1	6	1	1	6
26	Dentists' materials	1	5			
27	Dyeing and finishing textiles	1	751	14	3	460
28	Electrical apparatus and supplies	2	123	2	2	120
29	Fertilizers	9	660	15	14	660
30	Flouring and grist mill products	56	2,727	15	13	892
31	Food preparations	1	100	2	1	100
32	Foundry and machine shop products	24	1,793	41	45	1,711
33	Fruits and vegetables, canning and preserving	23	913	30	23	893
34	Gas, illuminating and heating	2	44	3	5	40
35	Glass	1	25	1	1	25
36	Gunpowder	1	965	9	6	315
37	Ice, artificial	1	240	2	3	240
38	Iron and steel	6	4,820	99	47	4,730
39	Iron and steel, bolts, nuts, washers, and rivets	1	100	1	2	100
40	Iron and steel, pipe, wrought	1	1,000	10	4	1,000
41	Ironwork, architectural and ornamental	1	312	5	5	312
42	Kaolin and other earth grinding	1	70			
43	Leather, morocco	17	943	27	19	928
44	Leather, patent and enameled	1	80	4	1	80
45	Leather, tanned and curried	1	10	1	1	10
46	Liquors, malt	2	300	5	5	300
47	Lumber and other mill products from logs or bolts	41	1,340	47	42	1,260
48	Lumber, planing mill products, including sash, doors, and blinds	1	25	1	1	25
49	Marble and stone work	2	44	3	2	44
50	Mattresses and spring beds	1	4			
51	Paints	1	40	1	1	40
52	Paper	2	2,677	42	17	2,000
53	Plumbing and gas fitting	4	65	4	4	65
54	Printing and publishing, book and job	11	40	2	2	18
55	Printing and publishing, newspapers and periodicals	6	51	3	3	24
56	Pulp from fiber, other than wood	2	125	3	2	125
57	Saws	1	4	1	1	4
58	Shipbuilding	5	686	12	30	686
59	Slaughtering and meat packing, wholesale	3	75	4	4	75
60	Springs, steel, car and carriage	2	45	1	1	35
61	Steam fittings and heating apparatus	1	10	1	1	10
62	Tinsmithing, coppersmithing, and sheet-iron working	1	6	1	1	5
63	Tobacco, chewing, smoking, and snuff	1	265	6	4	230
64	Tools, not elsewhere specified	2	21	1	1	15
65	Woolen goods	3	443	7	4	230

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

DELAWARE.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
163	4,671	92	2,870	71	1,801	104	80	104		1	1
											2
						6					3
1	12			1	12						4
						6					5
2	3			2	3						6
						15					7
											8
						2					9
											10
											11
1	6			1	6						12
1	20			1	20	15					13
						5	14				14
											15
											16
							4				17
											18
											19
											20
						2					21
											22
											23
8	710	8	710								24
											25
							5				26
2	290	2	290			1					27
						3					28
											29
92	1,835	69	1,402	23	433						30
											31
1	15	1	15			5	9	53			32
								20			33
							4				34
											35
36	650			36	650						36
											37
2	90	2	90								38
											39
											40
											41
1	70			1	70						42
						15					43
											44
											45
											46
4	80	4	80								47
											48
											49
						4					50
											51
8	677	2	70	6	607						52
											53
						19	2			1	54
						5	7	15			55
											56
											57
											58
											59
								10			60
											61
						1					62
							35				63
								6			64
4	213	4	213								65

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND DISTRICT OF COLUMBIA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	197	11,444	242	246	10,422
2	Bags, other than paper	1	10			
3	Bicycle and tricycle repairing	1	6	1	1	6
4	Blacksmithing and wheelwrighting	1	15	1	1	15
5	Bookbinding and blank-book making	1	3			
6	Bottling	9	55	8	8	54
7	Boxes, cigar	1	8	1	1	8
8	Brass castings and brass finishing	1	10	1	1	10
9	Bread and other bakery products	9	160	8	8	93
10	Brick and tile	8	360	12	14	360
11	Carpentering	3	21	3	3	21
12	Carriages and wagons, including custom work and repairing	1	25	1	1	25
13	Cars and general shop construction and repairs by steam railroad companies	3	32	3	3	32
14	Cheese and butter, urban dairy product	1	5			
15	Chemicals	1	8	1	2	8
16	Clay and pottery products	3	150	5	3	150
17	Clothing, men's, custom work and repairing	1	2	2	1	2
18	Coffee and spice, roasting and grinding	1	10	1	1	10
19	Coffins and burial cases, trimming and finishing	1	3	1	1	3
20	Confectionery	5	16	2	2	8
21	Dyeing and cleaning	2	13	2	2	13
22	Electric light and power	1	2,205	10	13	2,205
23	Electroplating	1	2			
24	Engraving and dieslinking	1	2			
25	Engraving, steel, including plate printing	1	235	8	3	235
26	Fancy articles, not elsewhere specified	1	5			
27	Fertilizers	2	95	1	1	60
28	Files	1	3	1	1	3
29	Flouring and grist mill products	6	806	2	2	156
30	Foundry and machine shop products	15	1,575	26	29	1,551
31	Furniture, cabinetmaking, repairing and upholstering	2	14	2	2	14
32	Gas, illuminating and heating	2	912	15	16	910
33	Grease and tallow	1	40	1	2	40
34	Ice, artificial	1	125			
35	Instruments, professional and scientific	1	4			
36	Ironwork, architectural and ornamental	4	123	4	8	123
37	Jewelry	1	1			
38	Kindling wood	7	82	7	7	82
39	Lime and cement	1	6	1	1	6
40	Liquors, malt	4	795	13	12	795
41	Lithographing and engraving	4	40	2	2	20
42	Lock and gun smithing	1	10			
43	Lumber, planing mill products, including sash, doors, and blinds	12	568	13	12	538
44	Mantels, slate, marble, and marbleized	1	15	1	1	15
45	Marble and stone work	1	100	3	3	100
46	Masonry, brick and stone	1	25	2	2	25
47	Mattresses and spring beds	2	30	3	3	30
48	Mineral and soda waters	2	18	3	3	18
49	Models and patterns	6	78	2	1	60
50	Monuments and tombstones	1	10	1	1	10
51	Ordnance and ordnance stores	1	1,243	15	17	1,243
52	Paving and paving materials	3	275	9	7	275
53	Photographic apparatus	1	2			
54	Plumbers' supplies	2	42	2	2	42
55	Printing and publishing, book and job	24	498	16	18	465
56	Printing and publishing, newspapers and periodicals	12	434	12	10	420
57	Slaughtering and meat packing, wholesale	6	97	7	7	97
58	Soap and candles	1	25	1	1	25
59	Stereotyping and electrotyping	2	11	1	1	6
60	Surgical appliances	1	4			
61	Upholstery materials	1	15	1	1	15
62	Vinegar and cider	1	6	1	1	6
63	Watch, clock, and jewelry repairing	1	2			
64	Wood, turned and carved	3	14	3	3	14

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

DISTRICT OF COLUMBIA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
9	810	6	510	3	300	70	91	51			1
							10				2
											3
											4
						3					5
						1					6
											7
											8
							7				9
											10
											11
											12
											13
								5			14
											15
											16
											17
											18
											19
							8				20
											21
											22
							2				23
							2				24
											25
						5					26
1	35	1	35								27
											28
7	650	4	350	3	300						29
						18		6			30
											31
							2				32
											33
1	125	1	125								34
							4				35
											36
						1					37
											38
											39
											40
							10	10			41
							10				42
							15	15			43
											44
											45
											46
											47
											48
							8	10			49
											50
											51
											52
							2				53
											54
						33					55
						7	7				56
											57
											58
								5			59
							4				60
											61
											62
						2					63
											64

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

FLORIDA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	368	16,058	542	460	15,479
2	Boxes, cigar	1	35	1	1	35
3	Boxes, wooden packing	1	12	1	1	12
4	Bread and other bakery products	1	4			
5	Brick and tile	8	373	11	12	373
6	Brooms and brushes	1	25	2	1	25
7	Carpentering	2	20	2	2	20
8	Carriages and wagons, including custom work and repairing	4	39	3	3	24
9	Cars and general shop construction and repairs by steam railroad companies	6	227	7	7	227
10	Cars, steam railroad, not including operations of railroad companies	1	80	2	1	80
11	Coffee and spice, roasting and grinding	1	12	1	1	12
12	Cooperage	2	50	2	2	50
13	Cotton, ginning	9	176	9	10	176
14	Fertilizers	1	10	1	1	10
15	Flouring and grist mill products	60	1,029	41	41	706
16	Foundry and machine shop products	9	190	10	11	190
17	Furniture, factory product	1	50	1	1	50
18	Gas, illuminating and heating	6	183	10	9	183
19	Hosiery and knit goods	1	25	1	1	25
20	Ice, artificial	8	246	11	14	246
21	Lime and cement	1	10	1	1	10
22	Lumber and other mill products from logs or bolts	187	11,707	374	278	11,574
23	Lumber, planing mill products, including sash, doors, and blinds	15	405	14	15	380
24	Mattresses and spring beds	1	10	1	1	10
25	Mineral and soda waters	2	10	2	2	10
26	Oil, cottonseed and cake	1	200	3	3	200
27	Oysters, canning and preserving	1	2			
28	Plastering and stuccowork	1	80	2	1	80
29	Plumbing and gas fitting	2	10	1	1	2
30	Printing and publishing, book and job	1	7			
31	Printing and publishing, newspapers and periodicals	24	151	15	15	97
32	Rice, cleaning and polishing	1	8			
33	Shipbuilding	2	86	3	3	86
34	Slaughtering and meat packing, wholesale	1	10	1	1	10
35	Starch	1	2	1	1	2
36	Sugar and molasses, refining	1	500	4	15	500
37	Upholstery materials	2	14	2	2	14
38	Wood, preserving	1	60	2	2	60

GEORGIA.

1	All industries	2,002	84,221	1,736	1,565	55,082
2	Agricultural implements	10	517	12	12	490
3	Bagging, flax, hemp, and jute	1	100	1	1	100
4	Bags, paper	2	70	2	2	70
5	Baking and yeast powders	1	6			
6	Blacksmithing and wheelwrighting	2	6	2	2	6
7	Boots and shoes, factory product	1	10	1	1	10
8	Bottling	2	12	1	1	6
9	Boxes, fancy and paper	1	8			
10	Boxes, wooden packing	2	120	2	3	120
11	Bread and other bakery products	6	148	6	6	148
12	Brick and tile	48	1,928	56	53	1,928
13	Bridges	1	36	3	3	36
14	Carpentering	6	163	4	4	77
15	Carriage and wagon materials	1	80	1	2	80
16	Carriages and wagons, including custom work and repairing	20	415	20	20	345
17	Care and general shop construction and repairs by steam railroad companies	10	420	12	12	370
18	Chemicals	2	74	2	2	74
19	Clay and pottery products	5	293	8	5	280
20	Clothing, men's, factory product	5	23			
21	Coffee and spice, roasting and grinding	1	12	1	1	12
22	Coffins, burial cases, and undertakers' goods	3	86	3	3	86
23	Cooperage	3	155	3	4	125
24	Cordage and twine	1	75			
25	Cotton, ginning	270	3,571	239	238	2,975
26	Cotton goods	53	20,882	96	46	7,380
27	Cutlery and edge tools	1	7			
28	Dentistry, mechanical	1	1			
29	Electrical apparatus and supplies	1	1			
30	Fertilizers	38	3,104	74	56	3,104
31	Flouring and grist mill products	719	16,888	192	188	5,132

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

FLORIDA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
45	496	16	224	29	272	3	63	13	.....	4	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
29	323	12	161	17	162	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
11	133	3	38	8	95	.....	.....	.....	.....	.....	22
1	25	1	25	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	30
4	15	.....	.....	4	15	3	29	5	.....	2	31
.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38

GEORGIA.

1,121	28,380	505	19,354	616	9,026	157	119	447	10	26	1
1	27	1	27	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
4	75	.....	.....	4	75	.....	.....	11	.....	.....	14
2	60	2	60	.....	.....	.....	.....	10	.....	.....	15
1	50	1	50	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
1	10	1	10	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	19
.....	.....	.....	.....	.....	.....	5	18	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	30	.....	.....	.....	.....	23
1	75	1	75	.....	.....	.....	.....	.....	.....	.....	24
36	458	10	170	26	288	.....	.....	138	.....	.....	25
73	13,447	62	11,531	11	1,916	55	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
896	11,733	381	5,800	515	5,933	.....	.....	.....	.....	23	31

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

GEORGIA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
32	Foundry and machine shop products	45	1,448	47	49	1,327
33	Fruits and vegetables, canning and preserving	3	81	3	3	81
34	Furnishing goods, men's	1	1			
35	Furniture, cabinetmaking, repairing and upholstering	4	31	3	3	25
36	Furniture, chairs	4	75	2	2	55
37	Furniture, factory product	16	820	15	15	705
38	Gas, illuminating and heating	10	467	16	15	467
39	Glass	1	35	1	1	35
40	Hats and caps, not including wool hats	1	4			
41	Hosiery and knit goods	4	151	2	3	55
42	Ice, artificial	16	1,395	22	30	1,330
43	Iron and steel	5	2,710	38	14	2,710
44	Ironwork, architectural and ornamental	2	90	2	2	90
45	Leather, tanned and curried	10	219	8	8	165
46	Lime and cement	2	280	6	5	220
47	Liquors, distilled	6	132	9	7	132
48	Liquors, malt	5	490	11	13	490
49	Lithographing and engraving	1	10	1	1	10
50	Lumber and other mill products from logs or bolts	426	15,277	588	510	14,516
51	Lumber, planing mill products, including sash, doors, and blinds	80	3,410	89	84	3,230
52	Marble and stone work	5	219	4	4	215
53	Mattresses and spring beds	2	200	3	3	200
54	Mineral and soda waters	2	11	2	2	11
55	Musical instruments, pianos and materials	1	50	1	1	50
56	Oil, cottonseed and cake	17	3,853	39	35	3,753
57	Oil, resin	1	75	1	1	75
58	Paints	3	75	3	3	75
59	Paper	3	875	4	6	180
60	Patent medicines and compounds	1	36	2	2	36
61	Paving and paving materials	3	45	5	4	45
62	Perfumery and cosmetics	1	25	1	1	25
63	Plumbing and gas fitting	1	4			
64	Printing and publishing, book and job	24	196	9	10	128
65	Printing and publishing, newspapers and periodicals	38	461	28	30	356
66	Rice, cleaning and polishing	3	760	9	13	760
67	Sausage	1	6	1	1	6
68	Saws	1	25	1	1	25
69	Shipbuilding	3	244	4	3	244
70	Shirts	1	1			
71	Show cases	1	10			
72	Slaughtering and meat packing, wholesale	1	10	1	1	10
73	Soap and candles	2	40	2	2	40
74	Steam fittings and heating apparatus	1	8	1	1	8
75	Stereotyping and electrotyping	1	6			
76	Tinsmithing, coppersmithing, and sheet-iron working	1	12			
77	Tools, not elsewhere specified	1	65	2	2	65
78	Trunks and valises	2	60	2	2	60
79	Upholstery materials	1	35	1	1	35
80	Vinegar and cider	3	29	3	3	29
81	Wood, turned and carved	2	50	1	1	10
82	Woodenware, not elsewhere specified	2	48	1	1	40
83	Woolen goods	14	350	1	1	4

IDAHO.

1	All industries	64	2,001	36	33	972
2	Brick and tile	1	3			
3	Flouring and grist mill products	13	499	4	4	150
4	Furniture, cabinetmaking, repairing and upholstering	1	8			
5	Liquors, malt	1	6	1	1	6
6	Lumber and other mill products from logs or bolts	40	1,432	28	25	792
7	Lumber, planing mill products, including sash, doors, and blinds	1	20	1	1	20
8	Printing and publishing, newspapers and periodicals	6	18	2	2	4
9	Woolen goods	1	15			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

GEORGIA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
2	60	1	35	1	25	.....	11	48	2	.....	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	34
.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	35
2	5	.....	.....	2	5	.....	.....	15	.....	.....	36
3	45	2	30	1	15	.....	.....	70	.....	.....	37
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	40
2	81	2	81	.....	.....	15	.....	.....	.....	.....	41
1	25	.....	.....	1	25	.....	.....	40	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
4	54	.....	.....	4	54	.....	.....	.....	.....	.....	45
1	60	1	60	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
60	761	25	419	35	342	.....	.....	.....	.....	.....	50
3	155	.....	.....	3	155	.....	.....	25	.....	.....	51
.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
1	100	1	100	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
9	695	9	695	.....	.....	.....	.....	.....	.....	.....	59
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	63
.....	.....	.....	.....	.....	.....	24	36	8	.....	.....	64
5	18	.....	.....	5	18	16	21	50	.....	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	70
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	75
.....	.....	.....	.....	.....	.....	.....	12	.....	.....	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80
1	40	.....	.....	1	40	.....	.....	.....	.....	.....	81
12	346	5	211	7	135	.....	.....	.....	8	.....	82
											83

IDAHO.

32	1,024	24	883	8	141	2	.....	.....	.....	3	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2
11	349	11	349	.....	.....	.....	.....	.....	.....	.....	3
1	8	.....	.....	1	8	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
16	640	12	519	4	121	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
3	12	.....	.....	3	12	2	.....	.....	.....	.....	8
1	15	1	15	.....	.....	.....	.....	.....	.....	.....	9

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND ILLINOIS.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	4,913	286,666	6,297	4,967	261,865
2	Agricultural implements	90	11,731	149	96	9,803
3	Ammunition	2	30	1	1	20
4	Artificial limbs	1	3			
5	Awnings, tents, and sails	8	57	2	2	25
6	Axle grease	3	30	3	3	30
7	Babbitt metal and solder	1	6	1	1	6
8	Bags, other than paper	4	47	2	2	41
9	Bags, paper	2	140	3	2	100
10	Baking and yeast powders	9	330	7	5	261
11	Baskets and rattan and willow ware	1	2			
12	Bellows	1	25	1	1	25
13	Belts	1	10			
14	Belting and hose, leather	3	96	2	1	75
15	Belting and hose, rubber	1	497	3	2	477
16	Bicycles and tricycles	5	805	5	5	790
17	Billiard tables and materials	2	304	4	1	300
18	Blacking	1	3			
19	Blacksmithing and wheelwrighting	81	709	79	80	599
20	Bluing	1	5			
21	Bone, ivory, and lamp black	1	90	2	2	90
22	Bookbinding and blank book making	23	317	5	5	133
23	Boot and shoe cut stock	4	54	1	1	30
24	Boot and shoe uppers	1	7			
25	Boots and shoes, custom work and repairing	2	4	1	1	2
26	Boots and shoes, factory product	38	1,069	26	20	869
27	Bottling	9	40	9	9	40
28	Boxes, cigar	9	103	7	7	94
29	Boxes, fancy and paper	16	289	9	6	159
30	Boxes, wooden packing	16	1,957	24	18	1,956
31	Brass castings and brass finishing	27	343	13	12	223
32	Brassware	3	9			
33	Bread and other bakery products	31	638	26	22	589
34	Brick and tile	333	13,975	415	372	13,970
35	Bridges	4	1,950	27	26	1,950
36	Bronze castings	1	40	2	1	40
37	Brooms and brushes	9	71	5	5	53
38	Buttons	2	4			
39	Carpentering	87	1,420	60	60	1,016
40	Carpets, wood	1	25			
41	Carriage and wagon materials	8	230	7	7	222
42	Carriages and sleds, children's	3	245	4	3	245
43	Carriages and wagons, including custom work and repairing	88	2,868	96	84	2,617
44	Cars and general shop construction and repairs by steam railroad companies	43	3,680	94	67	3,655
45	Cars and general shop construction and repairs by street railroad companies	3	170	4	3	170
46	Cars, steam railroad, not including operations of railroad companies	9	7,798	66	30	7,780
47	Cheese and butter, urban dairy product	1	7	1	1	7
48	Cheese, butter, and condensed milk, factory product	262	2,896	290	292	2,890
49	Chemicals	20	563	21	20	476
50	Cigar molds	1	2			
51	Clay and pottery products	20	1,705	37	24	1,185
52	Cleansing and polishing preparations	2	33	1	1	30
53	Clocks	1	10			
54	Clothing, men's, custom work and repairing	2	4	2	2	4
55	Clothing, men's, factory product	41	526	34	33	433
56	Coffee and spice, roasting and grinding	15	698	19	14	678
57	Coffins, burial cases, and undertakers' goods	11	475	10	8	405
58	Coke	1	40	1	1	40
59	Confectionery	28	537	28	24	427
60	Cooperage	26	1,402	34	26	1,356
61	Cordage and twine	6	1,415	13	8	1,415
62	Cordials and syrups	1	35	1	1	35
63	Cork, cutting	4	55	1	1	40
64	Corsets	1	10			
65	Cotton goods	4	750	4	1	400
66	Crucibles	1	100	2	1	100
67	Cutlery and edge tools	6	179	5	4	164
68	Dentistry, mechanical	4	11			
69	Dentists' materials	1	1			
70	Druggists' preparations, not including prescriptions	1	3	1	1	3
71	Drug grinding	1	150	2	1	150
72	Dyeing and cleaning	15	122	15	15	122
73	Dyeing and finishing textiles	3	57	3	3	57
74	Electrical apparatus and supplies	8	154	3	2	50
75	Electroplating	11	156	3	4	130
76	Emery wheels	1	3			
77	Engravers' materials	3	18			
78	Engraving and diesinking	9	30			
79	Envelopes	3	19			
80	Fancy articles, not elsewhere specified	1	1			
81	Fertilizers	3	704	9	5	704

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

ILLINOIS.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
446	15,992	345	13,941	101	2,051	939	708	6,621	132	409	1
30	1,814	27	1,654	3	160	30		84			2
								10			3
						3					4
							20	12			5
											6
											7
						3		3			8
1	40			1	40						9
						2	7	60			10
								2			11
											12
								10			13
								21			14
						20					15
							15				16
							4				17
								3			18
1	100	1	100					10			19
								5			20
											21
1	2	1	2			12	17	153			22
							10	14			23
								7			24
						2					25
						20	10	170			26
											27
								9			28
1	3			1	3	1	2	124			29
								1			30
1	30	1	30					90			31
								9			32
2	8			2	8	12	29				33
2	5	2	5								34
											35
											36
1	6			1	6			12			37
								4			38
5	160	4	150	1	10	6	10	228			39
								25			40
								8			41
											42
3	130	2	120	1	10		4	51	63	3	43
										25	44
											45
								18			46
											47
								6			48
							3	84			49
								2			50
4	520	4	520								51
								3			52
							10				53
											54
						27	10	56			55
						13	7				56
							17	53			57
											58
1	7			1	7	19		84			59
1	40	1	40				6				60
											61
											62
								15			63
								10			64
6	350	5	325	1	25						65
											66
								15			67
						11					68
								1			69
											70
											71
											72
											73
								104			74
						16		10			75
								3			76
								18			77
						4	7	19			78
							14	5			79
								1			80
											81

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

ILLINOIS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Files	2	66	1	1	35
83	Fire extinguishers, chemical	2	7	1	1	6
84	Flavoring extracts	3	54	3	3	54
85	Flouring and grist mill products	633	39,382	700	682	32,272
86	Food preparations	11	395	14	11	389
87	Foundry and machine shop products	365	14,519	352	328	12,603
88	Foundry supplies	1	2			
89	Fruits and vegetables, canning and preserving	20	689	26	20	628
90	Fur goods	1	1			
91	Furnishing goods, men's	4	47	3	2	37
92	Furniture, cabinetmaking, repairing and upholstering	20	410	18	13	287
93	Furniture, chairs	9	459	9	6	425
94	Furniture, factory product	127	6,619	116	96	5,963
95	Furs, dressed	1	6	1	1	6
96	Galvanizing	3	172	4	4	172
97	Gas and lamp fixtures	4	107	3	2	80
98	Gas, illuminating and heating	24	3,058	66	59	3,058
99	Gas machines and meters	1	3			
100	Gas stoves	2	84	2	1	80
101	Glass	10	372	18	12	372
102	Glass, cutting, staining, and ornamenting	11	206	3	2	176
103	Gloves and mittens	2	35	2	2	35
104	Glucose	4	5,800	80	27	5,800
105	Glue	1	250	9	2	250
106	Gold and silver, reducing and refining, not from the ore	1	260	4	8	260
107	Grease and tallow	8	443	13	21	443
108	Hand stamps	1	3			
109	Hardware	31	1,052	26	18	954
110	Hardware, saddlery	6	22			
111	Hats and caps, not including wool hats	3	7			
112	Hay and straw, baling	5	137	5	5	137
113	Hosiery and knit goods	20	601	14	10	442
114	House furnishing goods, not elsewhere specified	5	163	5	5	117
115	Ice, artificial	8	618	13	12	618
116	Ink, printing	1	10			
117	Ink, writing	1	18	1	2	18
118	Instruments, professional and scientific	5	23	1	1	10
119	Iron and steel	20	37,880	404	266	37,880
120	Iron and steel, bolts, nuts, washers, and rivets	2	136	2	1	75
121	Iron and steel, doors and shutters	1	20	1	1	20
122	Iron and steel, forgings	8	432	9	6	410
123	Iron and steel, nails and spikes, cut and wrought, including wire nails	10	1,997	32	17	1,912
124	Iron and steel, pipe, wrought	2	775	30	13	775
125	Ironwork, architectural and ornamental	34	1,539	30	31	1,451
126	Ivory and bone work	1	1			
127	Jewelry	14	67	1	1	7
128	Jewelry and instrument cases	2	26	1	1	25
129	Kaolin and other earth grinding	2	175	3	2	175
130	Kindling wood	1	3	1	1	3
131	Labels and tags	7	33	2	2	3
132	Lamps and reflectors	5	52	1	1	10
133	Lapidary work	1	1			
134	Lard, refined	2	185	10	5	185
135	Lasts	2	45			
136	Lead, bar, pipe, and sheet	3	405	5	4	380
137	Leather goods	3	62	2	2	60
138	Leather, tanned and curried	28	1,741	66	32	1,741
139	Lime and cement	13	749	31	22	749
140	Liquors, distilled	7	4,716	194	64	4,715
141	Liquors, malt	85	9,413	190	206	9,403
142	Lithographing and engraving	13	156	1	1	60
143	Lock and gun smithing	9	42	6	5	33
144	Looking-glass and picture frames	29	807	18	16	680
145	Lumber and other mill products from logs or bolts	333	11,518	415	362	11,219
146	Lumber, planing mill products, including sash, doors, and blinds	202	14,830	265	194	14,170
147	Malt	19	1,443	30	29	1,402
148	Mantels, slate, marble, and marbleized	4	210	5	4	210
149	Marble and stone work	24	1,336	30	29	1,311
150	Masonry, brick and stone	12	971	42	42	961
151	Mats and matting	1	3			
152	Mattresses and spring beds	11	663	10	7	641
153	Millinery and lace goods	5	37	5	1	15
154	Mineral and soda waters	30	256	28	27	231
155	Mirrors	6	131	4	4	120
156	Models and patterns	22	89	1	1	5
157	Monuments and tombstones	8	335	9	7	285
158	Mucilage and paste	2	35	2	2	35
159	Musical instruments and materials, not specified	5	189	5	4	185
160	Musical instruments, organs and materials	13	1,166	23	13	1,148
161	Musical instruments, pianos and materials	5	316	4	3	290

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

ILLINOIS—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
1	30			1	30						82
								1			83
											84
225	6,754	187	5,885	38	869					356	85
							5	1			86
29	973	17	723	12	250	38	25	852	28		87
								2			88
						1		60			89
						1					90
							2	8			91
						40		81		2	92
							5	29			93
1	75	1	75			56	80	445			94
											95
											96
								27			97
											98
								3			99
								4			100
											101
								30			102
											103
											104
											105
											106
											107
								3			108
1	25	1	25				10	61	2		109
						10		12			110
						2		5			111
											112
4	135	4	135			20	4				113
								46			114
											115
						10					116
											117
							2	11			118
											119
1	60			1	60						120
											121
								22			122
1	50	1	50					35			123
											124
								88			125
								1			126
						15		29	6		127
						1					128
											129
											130
1	20			1	20			10			131
							10	32			132
								1			133
											134
								45			135
								25			136
								2			137
											138
											139
											140
						10					141
								96			142
2	5			2	5		4				143
7	215	6	205	1	10		7	120			144
7	250	4	110	3	140	40	25	84			145
								345			146
1	6			1	6	35					147
											148
								25			149
1	10	1	10								150
								3			151
2	4	2	4					18			152
						3		19			153
1	5	1	5			2	12	6			154
								11			155
2	20	1	5	1	15		7	51	6		156
								50			157
											158
								4			159
								18			160
								26			161

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND ILLINOIS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
162	Nets and seines	1	3			
163	Oil, castor	1	25	1	1	25
164	Oil, linseed	7	760	13	7	760
165	Oil, lubricating	2	75	2	2	75
166	Oleomargarine	4	277	7	4	277
167	Optical goods	4	43	2	1	35
168	Painting and paper hanging	3	102	3	3	102
169	Paints	31	1,832	34	26	1,717
170	Paper	20	6,254	52	32	2,900
171	Patent medicines and compounds	9	91	9	5	71
172	Paving and paving materials	11	1,218	39	26	1,218
173	Pens, fountain and stylographic	1	2			
174	Perfumery and cosmetics	4	29	1	1	20
175	Photographic apparatus	2	16	2	2	16
176	Photographic materials	1	2			
177	Photography	2	30	2	2	27
178	Photolithographing and engraving	3	26	1	1	20
179	Pickles, preserves, and sauces	16	296	12	12	244
180	Pipes, tobacco	2	10			
181	Plastering and stuccowork	1	60	1	1	60
182	Plated and britannia ware	2	41	1	1	16
183	Plumbers' supplies	4	274	5	3	265
184	Plumbing and gas fitting	12	147	7	7	125
185	Printing and publishing, book and job	188	2,207	52	42	1,069
186	Printing and publishing, newspapers and periodicals	225	3,524	163	153	2,916
187	Printing materials	10	88	2	2	54
188	Pulp goods	1	15			
189	Pumps, not including steam pumps	7	307	0	7	277
190	Refrigerators	1	20			
191	Registers, car fare	1	5			
192	Registers, cash	1	10			
193	Roofing and roofing materials	2	325	3	2	325
194	Rubber and elastic goods	3	192	2	3	190
195	Rules, ivory and wood	1	3			
196	Saddlery and harness	15	193	10	8	153
197	Safes and vaults	1	25			
198	Salt	1	70	7	7	70
199	Sausage	4	50	4	5	50
200	Saws	10	147	3	4	105
201	Scales and balances	6	153	6	5	146
202	Screws, machine	1	50	2	1	50
203	Sewing machine cases	3	310	8	3	310
204	Sewing machines and attachments	7	240	5	4	195
205	Shipbuilding	5	324	7	8	324
206	Shirts	15	125	4	4	28
207	Shoddy	3	215	2	2	215
208	Show cases	8	161	3	3	135
209	Silk and silk goods	10	96	3	2	50
210	Silversmithing	4	36			
211	Slaughtering and meat packing, wholesale	62	16,151	344	181	16,151
212	Smelting and refining	3	334	6	5	334
213	Soap and candles	22	1,296	43	29	1,296
214	Sporting goods	3	136	3	3	136
215	Springs, steel, car and carriage	6	990	7	7	960
216	Stamped ware	4	77	4	3	70
217	Starch	1	60	2	1	60
218	Stationery goods, not elsewhere specified	4	13	1	1	3
219	Steam fittings and heating apparatus	17	902	17	13	818
220	Steam packing	1	2			
221	Stencils and brands	1	15			
222	Stereotyping and electrotyping	6	88			
223	Sugar and molasses, refining	15	1,247	36	17	1,247
224	Surgical appliances	3	32	1	1	25
225	Tinfoil	1	25			
226	Tinsmithing, coppersmithing, and sheet-iron working	33	754	21	16	595
227	Tobacco, chewing, smoking, and snuff	12	570	14	11	566
228	Tobacco, cigars and cigarettes	1	10			
229	Tools, not elsewhere specified	17	148	7	7	113
230	Toys and games	2	23	1	1	20
231	Trunks and valises	4	60	4	4	60
232	Type founding	3	39	1	1	30
233	Typewriters and supplies	1	7			
234	Upholstery materials	3	156	3	3	156
235	Varnish	7	227	10	7	227
236	Vault lights and ventilators	2	35	2	2	35
237	Vinegar and cider	26	901	29	27	901
238	Washing machines and clothes wringers	2	16	1	1	12
239	Watch and clock materials	1	12	1	1	12
240	Watch cases	3	81	1	1	75
241	Watch, clock, and jewelry repairing	7	19	1	1	2

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

ILLINOIS—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
						3					162
											163
											164
											165
											166
						3		5			167
											168
							15	100			169
60	3,349	52	3,124	8	225	5					170
						1	10	9			171
											172
								2			173
							2	7			174
											175
1	2			1	2						176
						3					177
						3		3			178
								52			179
1	8			1	8			2			180
											181
1	25	1	25								182
								9			183
						15		3	4		184
1	3			1	3	138	96	901			185
20	126	8	64	12	62	208	66	193	7	8	186
								34			187
								15			188
1	30			1	30						189
1	20	1	20								190
								5			191
								10			192
											193
							2				194
						3					195
1	15			1	15	3	10	12			196
								25			197
											198
											199
								42			200
								7			201
											202
											203
								45			204
											205
						5	1	91			206
											207
1	10			1	10	2	0	5			208
						1	15	30			209
								36			210
											211
											212
											213
											214
								30			215
								7			216
											217
								10			218
								84			219
								2			220
							15				221
						25		63			222
											223
						3		4			224
								25			225
						25	43	91			226
							4				227
							10				228
								32	3		229
								3			230
											231
								9			232
								7			233
											234
											235
											236
											237
								4			238
											239
									6		240
						5		9	3		241

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

ILLINOIS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
242	Watches	4	930	26	9	930
243	Windmills	11	271	9	8	242
244	Window shades	1	100	2	1	100
245	Wire	1	590	4	2	350
246	Wirework, including wire rope and cable	24	1,095	27	21	915
247	Wood, turned and carved	29	296	10	10	192
248	Woodenware, not elsewhere specified	1	12	1	1	12
249	Woolen goods	23	1,122	31	23	972
259	Zinc	2	1,150	13	5	1,150

INDIAN TERRITORY.

1	All industries	11	424	12	13	349
2	Cars and general shop construction and repairs by steam railroad companies	1	40	1	1	40
3	Coke	1	60	1	1	60
4	Cotton, ginning	2	50	2	2	50
5	Flouring and grist mill products	2	170	2	2	95
6	Lumber and other mill products from logs or bolts	3	85	4	5	85
7	Lumber, planing mill products, including sash, doors, and blinds	1	15	1	1	15
8	Printing and publishing, newspapers and periodicals	1	4	1	1	4

INDIANA.

1	All industries	4,292	190,898	4,934	4,523	172,506
2	Agricultural implements	43	4,194	56	42	3,749
3	Artists' materials	1	35	1	1	35
4	Awnings, tents, and sails	1	4	1	1	4
5	Bagging, flax, hemp, and jute	3	185	4	4	185
6	Baking and yeast powders	1	15	1	1	15
7	Baskets and rattan and willow ware	1	50	2	2	50
8	Bells	1	20	1	1	20
9	Belting and hose, leather	1	15	1	1	15
10	Bicycle and tricycle repairing	1	1			
11	Bicycles and tricycles	1	50	1	1	50
12	Blacksmithing and wheelwrighting	20	121	20	20	121
13	Bookbinding and blank-book making	2	22			
14	Boots and shoes, factory product	4	58	2	2	45
15	Bottling	6	44	6	6	44
16	Boxes, cigar	4	54	3	3	50
17	Boxes, fancy and paper	1	4	2	1	4
18	Boxes, wooden packing	6	204	9	6	204
19	Brass castings and brass finishing	3	36	3	3	36
20	Bread and other bakery products	21	309	19	19	297
21	Brick and tile	417	8,179	435	421	8,051
22	Bridges	1	40	1	1	40
23	Brooms and brushes	5	112	4	4	104
24	Carpentering	30	705	28	27	679
25	Carpets, rag	1	4	1	1	4
26	Carriage and wagon materials	34	3,411	59	42	3,371
27	Carriages and wagons, including custom work and repairing	49	3,064	59	48	2,084
28	Cars and general shop construction and repairs by steam railroad companies	26	3,015	58	43	3,015
29	Cars, steam railroad, not including operations of railroad companies	4	3,010	33	26	3,010
30	Cheese and butter, urban dairy product	3	29	3	3	29
31	Cheese, butter, and condensed milk, factory product	30	181	29	30	178
32	Chemicals	3	99	4	6	96
33	Clay and pottery products	9	305	13	9	225
34	Cleansing and polishing preparations	1	1			
35	Clothing, horse	1	20	1	1	20
36	Clothing, men's, factory product	14	109	6	6	68
37	Clothing, women's, factory product	1	3			
38	Coffee and spice, roasting and grinding	12	402	13	12	402
39	Coffins and burial cases, trimming and finishing	1	8	1	1	8
40	Coffins, burial cases, and undertakers' goods	7	335	8	7	335
41	Confectionery	17	173	15	16	164
42	Cooperage	27	1,611	39	32	1,611
43	Corsets	1	15			
44	Cotton goods	6	2,280	41	11	2,280
45	Cutlery and edge tools	8	317	8	7	302
46	Dentistry, mechanical	1	2			
47	Dyeing and cleaning	6	55	6	6	55
48	Electroplating	3	52	2	2	51
49	Felt goods	1	120	1	1	60
50	Fertilizers	4	128	5	4	128
51	Files	1	8			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

ILLINOIS—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											242
1	10	1	10						4	15	243
											244
3	240	3	240								245
3	135	2	125	1	10		10	35			246
2	17	1	5	1	12	3		84			247
											248
2	150	2	150								249
											250

INDIAN TERRITORY.

2	75	2	75								1
											2
											3
											4
2	75	2	75								5
											6
											7
											8

INDIANA.

693	16,181	470	12,265	228	3,916	323	176	1,554	124	34	1
8	370	6	270	2	100		10	15	50		2
											3
											4
											5
											6
											7
											8
											9
						1					10
											11
											12
							2	20			13
						13					14
											15
							4				16
											17
											18
											19
							12				20
4	78	4	78					30		20	21
											22
								8			23
								26			24
											25
								40			26
4	215	3	190	1	25			765			27
											28
											29
											30
								3			31
						3					32
1	80			1	80						33
						1					34
											35
						20	11	10			36
						3					37
											38
											39
											40
						7	2				41
											42
1	15	1	15								43
											44
								15			45
1	2			1	2						46
											47
						1					48
1	60			1	60						49
											50
								8			51

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

INDIANA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
52	Flouring and grist mill products	722	38,785	641	574	29,459
53	Food preparations	1	807	12	6	800
54	Foundry and machine shop products	182	6,570	208	207	6,390
55	Fruits and vegetables, canning and preserving	8	460	19	9	460
56	Furniture, cabinetmaking, repairing and upholstering	10	175	9	9	121
57	Furniture, chairs	17	799	21	17	784
58	Furniture, factory product	96	5,544	126	105	5,240
59	Gas and lamp fixtures	1	8	1	1	8
60	Gas, illuminating and heating	26	458	28	32	458
61	Glass	16	6,670	45	69	6,670
62	Glass, cutting, staining, and ornamenting	1	10	1	1	10
63	Glue	3	228	9	9	228
64	Grease and tallow	4	54	5	4	54
65	Hardware	1	6	1	1	6
66	Hosiery and knit goods	9	443	9	6	222
67	House furnishing goods, not elsewhere specified	2	100	3	2	100
68	Ice, artificial	2	235	4	3	235
69	Instruments, professional and scientific	1	10	1	1	10
70	Iron and steel	10	5,190	78	85	5,190
71	Iron and steel, bolts, nuts, washers, and rivets	2	135	2	2	135
72	Iron and steel, nails and spikes, cut and wrought, including wire nails	4	2,790	36	16	2,790
73	Ironwork, architectural and ornamental	9	238	9	9	236
74	Leather, tanned and curried	26	615	29	28	615
75	Lightning rods	2	38	1	1	30
76	Lime and cement	15	1,445	38	35	1,385
77	Liquors, distilled	8	613	39	17	603
78	Liquors, malt	35	3,290	85	108	3,240
79	Liquors, vinous	1	8	1	1	8
80	Lock and gun smithing	3	14	2	2	13
81	Looking-glass and picture frames	4	103	4	3	101
82	Lumber and other mill products from logs or bolts	1,496	49,240	1,636	1,597	48,142
83	Lumber, planing mill products, including sash, doors, and blinds	171	6,471	178	170	6,206
84	Malt	2	18	2	2	18
85	Marble and stone work	8	195	9	8	195
86	Masonry, brick and stone	4	29	4	4	29
87	Mattresses and spring beds	1	40	1	1	40
88	Millinery and lace goods	1	30	1	1	30
89	Mineral and soda waters	10	65	10	10	65
90	Models and patterns	3	13	1	1	6
91	Monuments and tombstones	2	23	1	1	15
92	Musical instruments and materials, not specified	1	70	1	1	40
93	Musical instruments, organs and materials	4	131	4	5	131
94	Musical instruments, pianos and materials	2	115	1	1	40
95	Oil, linseed	3	270	5	3	245
96	Paints	4	105	4	4	105
97	Paper	21	5,873	68	45	4,195
98	Paper goods, not elsewhere specified	1	6	1	1	6
99	Patent medicines and compounds	4	39	3	3	35
100	Paving and paving materials	2	170	4	5	170
101	Perfumery and cosmetics	1	4			
102	Photographic materials	1	10	1	1	10
103	Pickles, preserves, and sauces	2	33	2	2	33
104	Plastering and stuccowork	1	20	1	1	20
105	Plumbing and gas fitting	7	115	7	8	115
106	Printing and publishing, book and job	45	339	28	28	293
107	Printing and publishing, newspapers and periodicals	179	981	127	128	729
108	Pulp, wood	6	2,163	14	7	950
109	Pumps, not including steam pumps	14	460	11	12	356
110	Refrigerators	2	162	4	3	162
111	Roofing and roofing materials	1	20	1	1	20
112	Saddlery and harness	13	195	11	11	186
113	Sausage	1	4	1	1	4
114	Saws	2	340	6	2	340
115	Scales and balances	1	10	1	1	10
116	Sewing machine cases	2	1,100	14	6	950
117	Shipbuilding	5	360	17	18	360
118	Shirts	5	58	2	2	50
119	Slaughtering and meat packing, wholesale	13	1,358	44	24	1,353
120	Soap and candles	9	300	11	13	300
121	Springs, steel, car and carriage	2	115	3	2	115
122	Stamped ware	1	70	1	1	70
123	Starch	8	1,300	31	19	1,085
124	Stationery goods, not elsewhere specified	1	6	1	1	6
125	Steam fittings and heating apparatus	5	167	3	4	115
126	Stereotyping and electrotyping	1	20	1	1	20
127	Sugar and molasses, refining	15	284	17	15	284
128	Surgical appliances	1	2			
129	Tinsmithing, coppersmithing, and sheet-iron working	7	49	5	5	42
130	Tobacco, cigars and cigarettes	1	4			
131	Tobacco, stemming and rehandling	1	50	1	1	50

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

INDIANA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
489	9,326	346	6,891	143	2,435						52
							7				53
3	145	3	145			4	15	16			54
											55
1	54	1	54								56
								15			57
3	135	3	135			2		167			58
											59
											60
											61
											62
											63
											64
											65
4	221	3	90	1	125						66
											67
											68
											69
											70
											71
											72
						2					73
											74
								8			75
1	60			1	60						76
						10					77
1	25	1	25			25					78
											79
									1		80
						2					81
70	1,058	26	528	44	530			40			82
3	175	3	175					40	50		83
											84
											85
											86
											87
											88
											89
								7			90
								8			91
1	30	1	30								92
											93
1	75			1	75						94
1	25	1	25								95
											96
32	1,678	28	1,515	4	163						97
											98
							4				99
											100
							4				101
											102
											103
											104
											105
4	10	1	1	3	9	19	17				106
18	62	2	5	10	57	53	84	38	3	12	107
16	1,213	16	1,213								108
								110			109
											110
											111
1	3			1	3			6			112
											113
											114
											115
2	150	2	150								116
											117
						3		5			118
						5					119
											120
											121
											122
4	215	4	215								123
											124
1	50			1	50	2					125
											126
											127
						2					128
								5		2	129
							4				130
											131

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

INDIANA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
132	Tools, not elsewhere specified	3	124	3	3	124
133	Toys and games	1	125	2	1	125
134	Upholstery materials	8	368	8	7	248
135	Varnish	1	60	2	1	60
136	Vinegar and cider	18	220	15	15	183
137	Washing machines and clothes wringers	11	361	10	10	331
138	Wheelbarrows	2	100	3	2	100
139	Windmills	10	376	9	8	286
140	Wire	1	3,000	21	4	3,000
141	Wirework, including wire rope and cable	9	134	7	7	113
142	Wood, turned and carved	19	1,321	20	16	1,064
143	Woodenware, not elsewhere specified	5	335	8	7	335
144	Woolen goods	45	2,311	54	37	1,901

IOWA.

1	All industries	2,051	77,809	2,288	1,969	64,697
2	Agricultural implements	26	969	34	26	840
3	Awnings, tents, and sails	2	3	1	1	2
4	Bags, other than paper	3	34	2	2	29
5	Blacksmithing and wheelwrighting	128	928	125	125	916
6	Bookbinding and blank-book making	2	3	1	1	2
7	Boots and shoes, factory product	5	127	6	5	127
8	Bottling	5	64	6	6	64
9	Boxes, cigar	4	25	4	4	25
10	Boxes, fancy and paper	1	4			
11	Boxes, wooden packing	6	249	6	5	245
12	Bread and other bakery products	18	262	17	17	261
13	Brick and tile	105	3,341	113	107	3,301
14	Bridges	4	133	5	4	133
15	Brooms and brushes	3	15	1	1	4
16	Carpentering	41	464	39	38	448
17	Carpets, rag	1	15	1	1	15
18	Carriages and sleds, children's	1	5	1	1	5
19	Carriages and wagons, including custom work and repairing	64	1,262	65	64	1,250
20	Cars and general shop construction and repairs by steam railroad companies	29	1,905	52	35	1,905
21	Cheese and butter, urban dairy product	3	22	3	3	22
22	Cheese, butter, and condensed milk, factory product	416	4,850	478	478	4,787
23	Chemicals	1	2	1	1	2
24	Cigar molds	2	69	3	2	65
25	Clay and pottery products	9	348	11	9	348
26	Clothing, men's, factory product	5	38	2	2	24
27	Coffee and spice, roasting and grinding	8	116	6	6	86
28	Coffins and burial cases, trimming and finishing	1	5	1	1	5
29	Coffins, burial cases, and undertakers' goods	2	80	3	2	80
30	Confectionery	9	74	5	5	65
31	Cooperage	16	353	17	16	350
32	Cordage and twine	3	110	3	3	110
33	Cotton goods	1	125	3	1	125
34	Cutlery and edge tools	4	83	4	4	83
35	Dentistry, mechanical	2	2			
36	Druggists' preparations, not including prescriptions	1	4	1	1	4
37	Dyeing and cleaning	4	34	4	4	34
38	Dyeing and finishing textiles	1	65	2	1	20
39	Electroplating	1	1			
40	Fertilizers	1	30	2	1	30
41	Flax, dressed	1	20	1	1	20
42	Flouring and grist mill products	440	22,056	294	264	11,215
43	Food preparations	7	417	7	6	302
44	Foundry and machine shop products	104	2,418	109	105	2,326
45	Fruits and vegetables, canning and preserving	15	623	29	17	623
46	Furniture, cabinetmaking, repairing and upholstering	9	67	8	8	63
47	Furniture, chairs	2	41	1	1	40
48	Furniture, factory product	14	633	16	14	633
49	Gas, illuminating and heating	12	761	19	21	761
50	Gloves and mittens	5	50	2	2	14
51	Glucose	1	3,000	20	6	3,000
52	Grease and tallow	4	71	0	4	71
53	Hardware	1	7			
54	Hats and caps, not including wool hats	3	14	1	1	2
55	Hay and straw, baling	2	22	2	2	22
56	House furnishing goods, not elsewhere specified	1	150	2	1	150
57	Iron and steel	1	450	3	2	450
58	Iron and steel, nails and spikes, cut and wrought, including wire nails	1	200	4	2	200
59	Ironwork, architectural and ornamental	5	92	5	5	92
60	Leather, tanned and curried	1	8	1	1	8
61	Lime and cement	3	70	3	3	70
62	Liquors, malt	15	309	17	16	309
63	Lithographing and engraving	1	5			
64	Lock and gun smithing	3	7	1	1	3
65	Lumber and other mill products from logs or bolts	127	16,664	330	189	16,426
66	Lumber, planing mill products, including sash, doors, and blinds	46	3,391	60	50	3,256

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

INDIANA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											132
											133
1	120	1	120								134
											135
								37			136
								30			137
											138
1	60	1	60			20		10			139
											140
1	1	1	1						20		141
1	60	1	60			125		72			142
											143
18	410	11	268	7	142						144

IOWA.

622	12,618	471	10,287	151	2,331	194	70	163	27	40	1
2	129			2	129						2
						1					3
						5					4
1	4	1	4					8			5
								1			6
											7
											8
											9
							4				10
							4				11
								1			12
								40			13
											14
						11					15
1	10			1	10			4	2		16
											17
											18
1	10			1	10				2		19
											20
											21
7	63	5	46	2	17						22
						4					23
											24
						3	11				25
											26
						20		10			27
											28
											29
3	8			3	8	1					30
								2	1		31
											32
											33
											34
1	1			1	1				1		35
											36
											37
1	45	1	45								38
						1					39
											40
											41
519	10,820	419	9,006	100	1,814					21	42
4	115	4	115								43
4	49	2	35	2	14	12	5	26			44
											45
1	4			1	4						46
								1			47
											48
											49
2	10			2	10	1		25			50
											51
											52
								7			53
						5		7			54
											55
											56
											57
											58
											59
											60
											61
						5					62
											63
1	3			1	3		1				64
13	218	8	148	5	70				20		65
4	135	2	75	2	60						66

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

IOWA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
67	Malt	5	127	6	6	127
68	Marble and stone work	3	48	1	1	25
69	Masonry, brick and stone	4	40	6	6	32
70	Mattresses and spring beds	4	122	4	3	120
71	Mineral and soda waters	13	93	13	13	93
72	Models and patterns	2	10	1	1	8
73	Monuments and tombstones	2	44	2	2	44
74	Oil, linseed	7	700	12	8	690
75	Paints	3	86	4	3	86
76	Paper	7	1,425	23	15	1,095
77	Patent medicines and compounds	3	16	1	1	1
78	Paving and paving materials	1	50	1	1	50
79	Pickles, preserves, and sauces	7	123	10	8	123
80	Plumbers' supplies	1	40	1	2	40
81	Plumbing and gas fitting	6	36	5	5	29
82	Printing and publishing, book and job	38	258	19	19	152
83	Printing and publishing, music	1	2			
84	Printing and publishing, newspapers and periodicals	83	350	64	64	251
85	Pumps, not including steam pumps	3	107	2	2	47
86	Saddlery and harness	6	25	1	1	3
87	Scales and balances	2	21	2	2	21
88	Shipbuilding	3	43	3	3	43
89	Shirts	1	1			
90	Slaughtering and meat packing, wholesale	20	3,945	57	42	3,945
91	Smelting and refining	2	44	2	2	30
92	Soap and candles	6	140	7	6	140
93	Starch	1	150	3	1	100
94	Stationery goods, not elsewhere specified	1	2	1	1	2
95	Steam fittings and heating apparatus	3	93	3	4	93
96	Stencils and brands	1	2	1	1	2
97	Sugar and molasses, refining	4	653	17	8	613
98	Surgical appliances	2	4			
99	Tinsmithing, coppersmithing, and sheet-iron working	2	20	2	2	20
100	Tobacco, chewing, smoking, and snuff	1	25	1	1	25
101	Tobacco, cigars and cigarettes	1	2			
102	Trunks and valises	1	5	1	1	5
103	Vinegar and cider	6	124	6	6	124
104	Washing machines and clothes wringers	5	92	5	4	89
105	Windmills	6	87	6	6	77
106	Wirework, including wire rope and cable	3	66	2	2	41
107	Wood, turned and carved	4	69	2	2	58
108	Woodenware, not elsewhere specified	1	35	1	1	35
109	Woolen goods	14	719	13	8	350

KANSAS.

1	All industries	898	43,053	968	847	34,806
2	Agricultural implements	3	60	3	3	60
3	Bags, other than paper	1	8	1	1	8
4	Baking and yeast powders	1	45	1	1	45
5	Blacksmithing and wheelwrighting	31	224	27	27	164
6	Boots and shoes, factory product	1	15	1	1	15
7	Boxes, cigar	1	40	1	1	40
8	Boxes, wooden packing	1	6	1	1	6
9	Brass castings and brass finishing	1	8	1	1	8
10	Bread and other bakery products	5	62	5	5	62
11	Brick and tile	27	1,688	31	28	1,645
12	Bridges	2	34	2	3	34
13	Carpentering	8	104	8	8	104
14	Carriages and wagons, including custom work and repairing	6	336	13	6	324
15	Cars and general shop construction and repairs by steam railroad companies	15	1,370	31	19	1,370
16	Cars, steam railroad, not including operations of railroad companies	1	250	3	1	250
17	Cheese, butter, and condensed milk, factory product	87	854	88	87	854
18	Clay and pottery products	1	20	1	1	20
19	Clothing, men's, factory product	3	20	1	1	8
20	Coffee and spice, roasting and grinding	1	15			
21	Coke	1	22	1	1	22
22	Confectionery	8	134	7	7	129
23	Cooperage	2	65	2	2	65
24	Cordage and twine	2	90	2	2	90
25	Electroplating	1	4	1	1	4
26	Flavoring extracts	1	20			
27	Flouring and grist mill products	348	19,382	288	243	12,059
28	Foundry and machine shop products	58	1,635	63	65	1,508
29	Fruits and vegetables, canning and preserving	9	263	11	9	263
30	Furniture, cabinetmaking, repairing and upholstering	2	55	2	2	55
31	Furniture, factory product	4	233	5	4	225
32	Gas, illuminating and heating	9	430	12	13	430
33	Glucose	1	2,500	10	3	2,500
34	Gold and silver, reducing and refining, not from the ore	1	800	8	7	800

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

IOWA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											67
1	13	1	13			10					68
								8			69
						2					70
											71
						2					72
											73
1	10	1	10								74
											75
11	330	9	280	2	50						76
1	10			1	10	5					77
											78
											79
											80
2	7			2	7						81
4	13			4	13	77	4	11	1		82
1	2			1	2						83
13	38	1	2	12	36	14	27	1		19	84
1	60	1	60								85
1	1	1	1			7	14				86
											87
											88
						1					89
											90
2	14			2	14						91
											92
1	50	1	50								93
											94
											95
											96
1	40	1	40								97
1	2			1	2	2					98
											99
											100
						2					101
											102
											103
						3					104
1	10			1	10						105
1	25			1	25						106
								11			107
											108
14	369	13	357	1	12						109

KANSAS.

216	7,617	177	6,750	39	867	110	77	76	147	220	1
											2
											3
1	50			1	50					10	4
											5
											6
											7
											8
											9
											10
1	40	1	40							3	11
											12
											13
								12			14
											15
											16
											17
											18
							7	5			19
							15				20
											21
						5					22
											23
											24
											25
									20		26
180	7,132	166	6,425	23	707					101	27
4	92	2	71	2	21		15		20		28
											29
											30
						8					31
											32
											33
											34

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

KANSAS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
35	Grease and tallow	3	168	5	3	168
36	Hand stamps	2	3			
37	Hay and straw, baling	2	15	2	2	15
38	Hosiery and knit goods	1	6			
39	Ice, artificial	4	167	8	4	167
40	Ironwork, architectural and ornamental	4	49	4	4	49
41	Kaolin and other earth grinding	1	30	1	1	30
42	Leather, tanned and curried	1	4	1	1	4
43	Lime and cement	2	165	2	3	165
44	Lithographing and engraving	1	17			
45	Lock and gun smithing	2	6	1	1	4
46	Lumber and other mill products from logs or bolts	25	543	24	24	468
47	Lumber, planing mill products, including sash, doors, and blinds	34	1,088	35	34	1,088
48	Marble and stone work	6	193	8	8	193
49	Mattresses and spring beds	4	71	2	2	45
50	Mineral and soda waters	5	23	5	5	23
51	Oil, linseed	2	175	3	2	175
52	Optical goods	1	1	1	1	1
53	Paints	1	30	1	2	30
54	Paper	1	210	5	2	186
55	Patent medicines and compounds	1	2	1	1	2
56	Paving and paving materials	4	420	10	13	420
57	Pickles, preserves, and sauces	1	10	1	1	10
58	Pipes, tobacco	2	88	1	1	8
59	Plastering and stuccowork	1	70	1	1	70
60	Printing and publishing, book and job	16	149	6	6	72
61	Printing and publishing, newspapers and periodicals	53	359	35	34	216
62	Pumps, not including steam pumps	1	20	1	1	20
63	Saddlery and harness	1	10			
64	Salt	13	641	16	16	581
65	Scales and balances	1	12	1	1	12
66	Shirts	1	6			
67	Slaughtering and meat packing, wholesale	15	5,316	92	61	5,316
68	Smelting and refining	1	500	3	2	500
69	Soap and candles	6	81	6	6	81
70	Starch	1	90	3	1	90
71	Sugar and molasses, refining	8	1,022	27	27	1,016
72	Tobacco, cigars and cigarettes	1	4	1	1	4
73	Tools, not elsewhere specified	1	12	1	1	12
74	Upholstery materials	1	30	1	1	30
75	Vinegar and cider	11	139	8	8	110
76	Washing machines and clothes wringers	1	0	1	1	6
77	Watch, clock, and jewelry repairing	1	1			
78	Windmills	4	72	3	3	47
79	Wirework, including wire rope and cable	1	70	1	1	35
80	Wood, turned and carved	2	20	2	2	20
81	Woolen goods	1	12	1	1	12
82	Zinc	3	135	6	3	135

KENTUCKY.

1	All industries	1,789	82,508	2,126	1,896	75,513
2	Agricultural implements	4	870	11	7	870
3	Bagging, flax, hemp, and jute	1	75	2	1	75
4	Bells	1	7	1	1	7
5	Blacksmithing and wheelwrighting	2	43	2	2	43
6	Bookbinding and blank-book making	3	31	2	1	15
7	Boot and shoe cut stock	1	7			
8	Boots and shoes, factory product	9	187	8	7	152
9	Bottling	1	8	1	1	8
10	Boxes, cigar	3	17	3	3	17
11	Boxes, fancy and paper	1	4			
12	Boxes, wooden packing	4	435	6	5	435
13	Brass castings and brass finishing	3	36	3	3	36
14	Bread and other bakery products	6	208	7	6	208
15	Brick and tile	25	937	29	26	937
16	Brooms and brushes	2	6			
17	Carpentering	4	67	4	4	67
18	Carriage and wagon materials	6	480	11	10	480
19	Carriages and wagons, including custom work and repairing	7	572	10	7	562
20	Cars and general shop construction and repairs by steam railroad companies	8	279	9	8	279
21	Cars, steam railroad, not including operations of railroad companies	1	60	1	1	60
22	Chemicals	2	38	2	2	38
23	Clay and pottery products	6	209	8	6	209
24	Clothing, men's, factory product	7	71	4	4	52
25	Coffee and spice, roasting and grinding	6	161	6	7	161
26	Coffins, burial cases, and undertakers' goods	2	165	3	2	165
27	Coke	1	20	2	1	20
28	Confectionery	4	26	4	4	26
29	Cooperage	16	879	23	23	879
30	Cordage and twine	3	820	5	3	345
31	Cotton goods	5	1,400	17	9	1,334

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

KANSAS—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											35
1	1			1	1		2				36
1	6	1	6								37
											38
											39
											40
											41
											42
											43
						17					44
							2				45
2	75	2	75								46
											47
											48
1	25			1	25			1			49
											50
											51
											52
											53
1	30			1	30						54
											55
											56
											57
1	80	1	80								58
											59
2	13	1	10	1	3	42	8	8	6		60
11	38	2	8	9	30	37	28	40			61
											62
								10			63
									60		64
											65
									6		66
											67
											68
											69
											70
										6	71
											72
											73
											74
									10	10	75
											76
						1					77
									25		78
1	35	1	35								79
											80
											81
											82

KENTUCKY.

337	6,271	124	3,494	213	2,777	100	223	323	1	77	1
											2
											3
											4
											5
							16				6
							7				7
							10	25			8
											9
											10
							4				11
											12
											13
											14
											15
							6				16
											17
											18
						10					19
											20
											21
											22
											23
						5	14				24
											25
											26
											27
											28
											29
2	475	2	475								30
2	66	1	56	1	10						31

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

KENTUCKY—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
32	Cutlery and edge tools	2	207	6	7	200
33	Dentistry, mechanical	2	2	1	1	1
34	Dyeing and cleaning	1	8	1	1	8
35	Fertilizers	4	330	7	4	330
36	Flouring and grist mill products	505	17,620	377	362	12,973
37	Foundry and machine shop products	56	2,729	71	99	2,724
38	Foundry supplies	1	25	1	1	25
39	Fruits and vegetables, canning and preserving	2	62	2	2	62
40	Furniture, cabinetmaking, repairing and upholstering	5	54	4	4	50
41	Furniture, chairs	3	260	4	3	260
42	Furniture, factory product	17	822	21	18	822
43	Gas, illuminating and heating	8	268	11	11	268
44	Gas, machines and meters	1	20			
45	Glass	1	40	1	1	40
46	Glue	1	16	4	2	16
47	Hosiery and knit goods	1	50	1	1	25
48	Ice, artificial	12	1,248	27	20	1,248
49	Instruments, professional and scientific	2	13	2	2	13
50	Iron and steel	8	5,480	57	40	5,480
51	Iron and steel, bolts, nuts, washers, and rivets	1	400	6	3	400
52	Iron and steel, forgings	1	25	5	1	25
53	Iron and steel, nails and spikes, cut and wrought, including wire nails	2	1,075	8	6	1,075
54	Ironwork, architectural and ornamental	5	325	6	4	323
55	Lamps and reflectors	1	20			
56	Leather, morocco	1	50	1	1	50
57	Leather, tanned and curried	21	951	37	26	951
58	Lime and cement	2	575	3	3	325
59	Liquors, distilled	92	6,762	236	159	6,575
60	Liquors, malt	27	1,723	50	46	1,723
61	Lithographing and engraving	3	29	1	1	12
62	Lumber and other mill products from logs or bolts	533	21,114	644	599	20,478
63	Lumber, planing mill products, including sash, doors, and blinds	60	3,232	73	65	3,232
64	Malt	5	130	6	6	130
65	Marble and stone work	7	295	7	7	295
66	Masonry, brick and stone	1	6	1	1	6
67	Mineral and soda waters	4	27	3	3	22
68	Mirrors	1	40	2	1	40
69	Models and patterns	1	12	1	1	12
70	Monuments and tombstones	1	6	1	1	6
71	Musical instruments, organs and materials	1	15	1	1	15
72	Oil, cottonseed and cake	2	135	4	2	135
73	Optical goods	1	1			
74	Painting and paper hanging	1	12			
75	Paints	3	232	4	4	232
76	Paper	1	1,000	8	7	1,000
77	Patent medicines and compounds	2	16	1	1	6
78	Paving and paving materials	2	139	4	5	139
79	Pickles, preserves, and sauces	3	30	2	2	26
80	Pipes, tobacco	1	15	1	1	15
81	Plastering and stuccowork	1	25	1	1	25
82	Plumbers' supplies	1	65	1	1	65
83	Plumbing and gas fitting	1	8	1	1	8
84	Printing and publishing, book and job	22	115	13	12	50
85	Printing and publishing, newspapers and periodicals	59	602	42	44	515
86	Pumps, not including steam pumps	1	70	1	1	70
87	Roofing and roofing materials	1	5	1	1	5
88	Saddlery and harness	6	153	5	6	121
89	Salt	1	10	1	1	10
90	Scales and balances	1	12	1	1	12
91	Shirts	1	2			
92	Slaughtering and meat packing, wholesale	12	324	18	16	324
93	Smelting and refining	1	15	1	1	15
94	Soap and candles	3	169	12	6	169
95	Sporting goods	1	2			
96	Steam fittings and heating apparatus	3	105	2	2	65
97	Tinsmithing, coppersmithing, and sheet-iron working	7	105	5	5	94
98	Tobacco, chewing, smoking, and snuff	24	1,382	38	34	1,382
99	Tobacco, cigars and cigarettes	1	2			
100	Tobacco, stemming and rehandling	8	208	11	9	208
101	Tools, not elsewhere specified	1	12	1	1	12
102	Trunks and valises	6	124	8	7	124
103	Upholstery materials	1	35	1	1	35
104	Varnish	1	50	1	2	50
105	Vinegar and cider	7	268	8	9	268
106	Watch cases	1	30	1	1	30
107	Windmills	1	50	1	1	50
108	Wirework, including wire rope and cable	3	82	3	3	82
109	Wood, turned and carved	10	440	10	9	430
110	Woolen goods	39	1,964	40	28	1,721
111	Worsted goods	2	310	3	2	300

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

KENTUCKY—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
							7				32
									1		33
											34
											35
287	4,647	105	2,388	182	2,259						36
								2		3	37
											38
											39
								4			40
											41
											42
											43
								20			44
											45
											46
1	25			1	25						47
											48
											49
											50
											51
											52
											53
						2					54
								20			55
											56
											57
1	250	1	250								58
7	146	1	26	6	120			16		25	59
											60
							17				61
17	433	7	164	10	269	40		163			62
											63
											64
											65
											66
							5				67
											68
											69
											70
											71
											72
								1			73
							12				74
											75
											76
								10			77
											78
						4					79
											80
											81
											82
											83
						36	29				84
4	20	2	15	2	5	1	57	6		3	85
											86
							52				87
											88
											89
							2				90
											91
											92
											93
											94
1	2			1	2						95
								40			96
							5	6			97
											98
						2					99
											100
											101
											102
											103
											104
											105
											106
											107
											108
15	207	5	120	10	87			10			109
										36	110
										10	111

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

LOUISIANA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	554	30,184	790	684	29,439
2	Ammunition	1	40	1	1	40
3	Artificial limbs	1	7			
4	Bagging, flax, hemp, and jute	1	150	2	1	150
5	Bags, other than paper	2	12			
6	Baking and yeast powders	1	10			
7	Blacksmithing and wheelwrighting	2	21	2	3	21
8	Boots and shoes, factory product	6	66	2	1	15
9	Boxes, cigar	1	60	1	1	60
10	Boxes, fancy and paper	2	35	2	2	35
11	Boxes, wooden packing	5	322	6	6	322
12	Brass castings and brass finishing	2	8	2	2	8
13	Bread and other bakery products	5	171	5	5	166
14	Brick and tile	8	302	9	9	302
15	Brooms and brushes	2	20	1	1	10
16	Carpentering	1	15	2	1	15
17	Carriage and wagon materials	2	50	2	2	50
18	Carriages and wagons, including custom work and repairing	4	169	4	3	159
19	Cars and general shop construction and repairs by steam railroad companies	3	100	2	2	95
20	Chemicals	1	30	1	1	30
21	Clay and pottery products	4	104	4	5	104
22	Clothing, men's, factory product	10	90			
23	Coffee and spice, roasting and grinding	5	79	2	2	7
24	Coffins, burial cases, and undertakers' goods	1	35	1	1	35
25	Confectionery	3	15	2	2	14
26	Cooperage	5	170	6	5	170
27	Cork, cutting	2	10	1	1	8
28	Cotton, ginning	58	1,459	57	57	1,439
29	Cotton goods	2	1,600	14	3	1,600
30	Cutlery and edge tools	6	11	1	1	2
31	Drug grinding	1	35	1	1	35
32	Dyeing and cleaning	2	11	2	2	9
33	Electrical apparatus and supplies	1	10			
34	Electroplating	2	21	2	2	20
35	Fertilizers	3	255	7	4	255
36	Flouring and grist mill products	19	328	19	19	328
37	Food preparations	1	10	1	1	10
38	Foundry and machine shop products	40	916	37	41	893
39	Fruits and vegetables, canning and preserving	1	100	3	2	100
40	Furnishing goods, men's	3	17			
41	Furniture, cabinetmaking, repairing and upholstering	3	32	3	3	32
42	Furniture, factory product	3	145	3	3	145
43	Gas, illuminating and heating	3	207	10	6	207
44	Hay and straw, baling	1	20	1	1	20
45	Hosiery and knit goods	2	107	2	1	100
46	Ice, artificial	10	1,398	33	24	1,398
47	Ironwork, architectural and ornamental	2	21	2	2	21
48	Jewelry	1	4			
49	Leather, tanned and curried	1	4	1	1	4
50	Liquors, malt	8	953	30	34	953
51	Lithographing and engraving	2	11			
52	Lumber and other mill products from logs or bolts	116	10,450	224	169	10,412
53	Lumber, planing mill products, including sash, doors, and blinds	27	1,466	35	27	1,466
54	Mattresses and spring beds	2	10			
55	Mineral and soda waters	6	29	6	5	20
56	Models and patterns	1	4	1	1	4
57	Oil, cottonseed and cake	7	1,427	20	19	1,392
58	Paints	1	40	1	1	40
59	Patent medicines and compounds	1	10			
60	Paving and paving materials	1	135	3	4	135
61	Perfumery and cosmetics	1	10	1	1	10
62	Photography	1	5			
63	Pickles, preserves, and sauces	2	81	3	2	81
64	Plumbing and gas fitting	1	6	1	1	6
65	Printing and publishing, book and job	17	48	1	1	2
66	Printing and publishing, newspapers and periodicals	27	270	17	17	172
67	Rice, cleaning and polishing	16	1,845	29	23	1,845
68	Saddlery and harness	2	7			
69	Sausage	5	42	5	5	42
70	Sewing machine repairing	1	2			
71	Shipbuilding	3	384	10	10	384
72	Shirts	3	7			
73	Silverware	1	4			
74	Soap and candles	4	35	5	4	35
75	Steam fittings and heating apparatus	1	35	2	2	35
76	Stencils and brands	1	2			
77	Stereotyping and electrotyping	1	8	1	1	8
78	Sugar and molasses, refining	29	3,578	115	107	3,578
79	Tinsmithing, coppersmithing, and sheet-iron working	4	51	3	3	28
80	Tobacco, chewing, smoking, and snuff	5	71	5	5	71
81	Tobacco, cigars and cigarettes	2	200	4	2	125

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

LOUISIANA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
6	66	1	20	5	46	454	213	7	.....	5	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	2	10	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	33	18	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	75	15	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	40	32	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	27
2	20	.....	.....	2	20	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	1	8	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	32
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	34
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
.....	.....	.....	.....	.....	.....	13	3	7	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
.....	.....	.....	.....	.....	.....	17	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	11	.....	.....	.....	51
2	38	1	20	1	18	.....	.....	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	15	20	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	59
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64
.....	.....	.....	.....	.....	.....	19	27	.....	.....	.....	65
2	8	.....	.....	2	8	63	27	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....	72
.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78
.....	.....	.....	.....	.....	.....	5	18	.....	.....	.....	79
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80
.....	.....	.....	.....	.....	.....	75	.....	.....	.....	.....	81

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

LOUISIANA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Trunks and valises	1	8	1	1	8
83	Upholstery materials	4	99	4	4	99
84	Vinegar and cider	1	20	1	1	20
85	Watch, clock, and jewelry repairing	1	1			
86	Wood, turned and carved	2	18	2	2	18
87	Woolen goods	1	10	1	1	10

MAINE.

1	All industries	2,022	150,508	1,281	965	42,796
2	Agricultural implements	14	1,123	6	6	141
3	Awnings, tents, and sails	1	1	1	1	1
4	Babbitt metal and solder	1	6	1	1	6
5	Baskets and rattan and willow ware	1	5			
6	Belting and hose, leather	1	6			
7	Blacking	1	75	1	1	75
8	Blacksmithing and wheelwrighting	30	297	11	11	74
9	Bookbinding and blank-book making	1	4			
10	Boot and shoe cut stock	3	38	2	2	37
11	Boot and shoe findings	3	347	3	2	85
12	Boots and shoes, custom work and repairing	2	2			
13	Boots and shoes, factory product	45	1,382	32	27	889
14	Boxes, fancy and paper	7	83	2	1	12
15	Boxes, wooden packing	11	725	9	6	370
16	Brass castings and brass finishing	3	11	2	2	9
17	Bread and other bakery products	8	169	8	7	168
18	Brick and tile	10	309	9	8	303
19	Bronze castings	1	1			
20	Brooms and brushes	2	16			
21	Carpentering	12	240	7	5	95
22	Carriage and wagon materials	2	55	1	1	25
23	Carriages and sleds, children's	1	100	3	2	100
24	Carriages and wagons, including custom work and repairing	30	435	16	16	177
25	Cars and general shop construction and repairs by steam railroad companies	5	179	6	5	149
26	Cheese and butter, urban dairy product	2	21	2	2	21
27	Cheese, butter, and condensed milk, factory product	27	281	28	28	281
28	Chemicals	2	11	2	2	11
29	Clay and pottery products	5	210	6	5	208
30	Clothing, men's, factory product	30	176	19	19	125
31	Clothing, women's, factory product	2	13	1	1	9
32	Coffee and spice, roasting and grinding	2	22	1	1	16
33	Coffins and burial cases, trimming and finishing	7	161	1	1	20
34	Confectionery	4	11	2	2	6
35	Cooperage	8	286	5	3	135
36	Cotton goods	23	26,858	71	18	5,665
37	Cutlery and edge tools	14	593	3	3	13
38	Dentistry, mechanical	2	2			
39	Druggists' preparations, not including prescriptions	1	2	1	1	2
40	Dyeing and cleaning	5	39	4	5	31
41	Dyeing and finishing textiles	1	500	10	9	50
42	Dye stuffs and extracts	1	80	6	1	80
43	Fancy articles, not elsewhere specified	2	4	1	1	2
44	Felt goods	1	80			
45	Fertilizers	6	338	1	1	40
46	Files	1	5			
47	Fish, canning and preserving	14	393	17	16	393
48	Flavoring extracts	1	10			
49	Flouring and grist mill products	210	9,163	56	53	2,102
50	Food preparations	1	100	1	1	100
51	Foundry and machine shop products	76	1,875	46	49	986
52	Fruits and vegetables, canning and preserving	37	1,285	55	39	1,279
53	Furnishing goods, men's	2	4			
54	Furniture, cabinetmaking, repairing and upholstering	8	111	1	1	8
55	Furniture, chairs	4	191	3	3	165
56	Furniture, factory product	13	872	8	6	195
57	Gas, illuminating and heating	8	181	13	11	181
58	Glass, cutting, staining, and ornamenting	2	5	1	1	4
59	Glue	1	30	1	1	30
60	Grease and tallow	1	40	1	1	40
61	Gunpowder	2	835	4	4	55
62	Hardware	6	80	1	1	10
63	Hones and whetstones	1	6	1	1	6
64	House furnishing goods, not elsewhere specified	2	65			
65	Iron and steel	2	538	12	10	530
66	Iron and steel, forgings	1	400	4	3	400
67	Ivory and bone work	1	1	1	1	1
68	Jewelry and instrument cases	2	16	1	1	15
69	Kaolin and other earth grinding	5	410	1	1	15
70	Kindling wood	4	199	8	5	199
71	Lasts	8	18			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

LOUISIANA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											82
											83
											84
						1					85
											86
											87

MAINE.

2,396	104,602	1,084	63,782	1,312	40,820	191	10	952	1,918	39	1
26	982	11	747	15	235						2
											3
											4
									5		5
1	6			1	6						6
											7
17	213	6	43	11	170			5		5	8
1	4			1	4						9
								1			10
3	260	3	260						2		11
1	1			1	1			1			12
6	292	4	232	2	60	70		131			13
3	61	2	60	1	1	3		7			14
6	290	4	170	2	120			40	25		15
1	2			1	2						16
								1			17
										6	18
								1			19
1	15	1	15			1					20
2	65			2	65			11	69		21
2	30	2	30								22
											23
14	254	4	72	10	182	4					24
								30			25
											26
											27
											28
						2					29
4	38	1	20	3	18	5		3	5		30
						4					31
								6			32
5	135			5	135				6		33
1	4			1	4	1					34
7	150	2	30	5	120					1	35
120	21,193	109	19,518	11	1,675						36
12	576	5	475	7	101				4		37
						1			1		38
											39
								8			40
3	450	3	450								41
											42
						2					43
1	80	1	80								44
4	258	2	88	2	170			40			45
								5			46
											47
								10			48
349	7,058	186	3,566	163	3,492					3	49
											50
21	621	12	522	9	99	12		155	101		51
1	6			1	6						52
1	2			1	2	2					53
3	78			3	78			25			54
2	26	1	6	1	20						55
9	590	4	355	5	235			12	75		56
											57
								1			58
											59
											60
43	780	17	340	26	440						61
3	65	2	50	1	15	1		4			62
											63
2	65			2	65						64
2	8			2	8						65
											66
											67
								1			68
4	305	4	305						90		69
											70
								18			71

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MAINE—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
72	Leather board	3	695			
73	Leather, tanned and curried	46	2,514	70	42	1,841
74	Lime and cement	5	99	4	4	95
75	Lock and gun smithing	5	16	3	3	10
76	Looking-glass and picture frames	1	1			
77	Lumber and other mill products from logs or bolts	787	52,729	311	220	14,284
78	Lumber, planing mill products, including sash, doors, and blinds	65	2,912	42	34	1,623
79	Marble and stone work	8	350	12	12	331
80	Masonry, brick and stone	2	31	3	4	31
81	Matches	3	172	3	3	132
82	Mattresses and spring beds	1	15			
83	Mineral and soda waters	2	18	2	2	18
84	Models and patterns	5	20			
85	Monuments and tombstones	13	174	9	8	123
86	Musical instruments, organs and materials	1	40	2	1	40
87	Nets and seines	2	10	2	2	10
88	Oakum	1	25			
89	Oil, lubricating	3	80	3	3	80
90	Oilcloth, floor	2	120	4	5	120
91	Paints	2	65	2	2	65
92	Paper	6	7,382	30	17	812
93	Paper goods, not elsewhere specified	1	46	1	2	16
94	Photographic materials	2	16	1	1	15
95	Photolithographing and engraving	1	5			
96	Plated and britannia ware	1	10			
97	Plumbing and gas fitting	2	11	1	1	6
98	Printing and publishing, book and job	25	126	11	11	63
99	Printing and publishing, newspapers and periodicals	74	525	54	53	378
100	Pulp, wood	11	14,210	19	6	460
101	Pumps, not including steam pumps	3	30	1	1	10
102	Refrigerators	1	10			
103	Roofing and roofing materials	1	65	1	1	65
104	Rubber and elastic goods	1	20			
105	Rules, ivory and wood	1	25			
106	Saddlery and harness	6	20	2	2	10
107	Sand and emery paper and cloth	1	80	1	1	40
108	Sausage	1	15	1	1	15
109	Saws	1	35	1	1	35
110	Shipbuilding	16	583	15	15	475
111	Shirts	2	33	1	1	25
112	Shoddy	2	80			
113	Silk and silk goods	1	50			
114	Slaughtering and meat packing, wholesale	2	90	3	2	90
115	Soap and candles	2	20	2	2	20
116	Sporting goods	2	16	2	2	16
117	Springs, steel, car and carriage	1	100			
118	Starch	18	787	30	28	670
119	Stationery goods, not elsewhere specified	2	2			
120	Stencils and brands	1	2	1	1	2
121	Sugar and molasses, refining	2	220	6	3	220
122	Tinsmithing, coppersmithing, and sheet-iron working	4	16	2	2	14
123	Tools, not elsewhere specified	5	185	3	4	107
124	Trunks and valises	3	8	1	1	2
125	Vinegar and cider	5	41	5	5	41
126	Washing machines and clothes wringers	1	20			
127	Watch, clock, and jewelry repairing	3	5	2	2	3
128	Wheelbarrows	1	40	1	1	10
129	Wood, turned and carved	27	1,178	22	18	830
130	Woodenware, not elsewhere specified	2	1,260	1	1	60
131	Woolen goods	74	9,105	54	12	2,368
132	Wool hats	1	150	2	1	150
133	Worsted goods	1	1,670	12	5	820

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MAINE—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
11	695	7	395	4	300						72
33	558	11	180	22	378	10		105			73
1	4			1	4						74
2	6			2	6						75
						1					76
1,263	37,045	444	14,367	819	22,678			115	1,285		77
33	1,133	12	382	21	751			45	111		78
								6	3	10	79
											80
2	40			2	40						81
2	15			2	15						82
											83
								20			84
2	25	1	15	1	10			16	10		85
											86
											87
1	25	1	25								88
											89
											90
											91
86	6,570	54	4,670	32	1,900						92
1	30	1	30								93
1	1			1	1						94
						5					95
								10			96
								5			97
2	5			2	5	6		44		8	98
12	50	2	12	10	38	45	8	34	4	6	99
104	13,750	78	9,800	26	3,950						100
1	10	1	10					10			101
									10		102
											103
1	20	1	20								104
1	25			1	25						105
3	8			3	8		2				106
1	40			1	40						107
											108
											109
3	108			3	108						110
						8					111
3	80			3	80						112
2	50	2	50								113
											114
											115
											116
1	100	1	100								117
6	117	1	20	5	97						118
								2			119
											120
											121
1	1			1	1	1					122
1	75	1	75					3			123
1	3			1	3			3			124
											125
1	20			1	20						126
								2			127
2	30	2	30								128
7	213	6	187	1	26	7		16	112		129
13	1,200	5	500	8	700						130
102	6,737	58	4,630	44	2,107						131
											132
9	850	9	850								133

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MARYLAND.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	1,518	73,547	1,510	1,287	56,545
2	Agricultural implements	8	186	8	8	186
3	Ammunition	1	24	1	1	24
4	Babbitt metal and solder	1	15	1	1	15
5	Bags, other than paper	2	62	2	2	62
6	Bags, paper	2	44	1	1	40
7	Baking and yeast powders	1	50	2	1	50
8	Baskets and rattan and willow ware	2	65	2	2	65
9	Belting and hose, linen	2	60	1	1	35
10	Blacksmithing and wheelwrighting	3	37	3	3	37
11	Bookbinding and blank-book making	4	10			
12	Boot and shoe findings	1	1			
13	Boots and shoes, factory product	15	215	5	5	146
14	Bottling	2	13			
15	Boxes, cigar	9	97	5	6	85
16	Boxes, fancy and paper	5	29	3	3	18
17	Boxes, wooden packing	15	1,100	23	17	1,050
18	Brass castings and brass finishing	4	309	7	6	307
19	Bread and other bakery products	16	265	15	13	260
20	Brick and tile	24	1,277	40	35	1,277
21	Bridges	1	120	3	3	120
22	Brooms and brushes	4	44	3	3	42
23	Buttons	1	8			
24	Carpentering	4	100	3	3	55
25	Carpets, rag	1	1			
26	Carriage and wagon materials	7	181	4	4	108
27	Carriages and wagons, including custom work and repairing	4	55	3	3	46
28	Cars and general shop construction and repairs by steam railroad companies	8	1,054	27	18	1,051
29	Cheese, butter, and condensed milk, factory product	23	233	22	23	227
30	Chemicals	12	1,049	22	18	1,043
31	Clay and pottery products	7	248	8	7	248
32	Cleansing and polishing preparations	1	12	1	1	12
33	Cloth, sponging and refinishing	1	6	1	1	6
34	Clothing, horse	1	7			
35	Clothing, men's, factory product	10	281	5	5	235
36	Clothing, women's, factory product	3	26	1	1	20
37	Coffee and spice, roasting and grinding	13	248	13	13	242
38	Coffins and burial cases, trimming and finishing	1	2	1	1	2
39	Coffins, burial cases, and undertakers' goods	3	111	3	2	110
40	Confectionery	15	246	12	11	227
41	Cooperage	4	122	3	3	104
42	Corsets	2	3	1	1	2
43	Cotton goods	15	8,855	52	20	5,405
44	Cutlery and edge tools	5	41	4	4	36
45	Drug grinding	1	35	1	1	35
46	Dyeing and cleaning	6	31	6	6	31
47	Dyeing and finishing textiles	2	95	4	4	75
48	Dye stuffs and extracts	1	25	1	1	25
49	Electrical apparatus and supplies	1	4			
50	Electroplating	3	19	2	2	16
51	Engraving and diesinking	1	1			
52	Fancy articles, not elsewhere specified	1	3			
53	Fertilizers	43	3,806	74	53	3,651
54	Files	1	12	1	1	12
55	Fire extinguishers, chemical	1	20	1	1	20
56	Flouring and grist mill products	335	10,672	96	77	3,932
57	Food preparations	1	125	3	1	125
58	Foundry and machine shop products	70	2,281	71	73	2,117
59	Fruits and vegetables, canning and preserving	80	2,788	122	114	2,788
60	Furnishing goods, men's	10	63	3	3	44
61	Furniture, cabinetmaking, rspairing and upholstering	3	52			
62	Furniture, chairs	2	140	3	2	140
63	Furniture, factory product	18	906	17	15	782
64	Gas and lamp fixtures	2	66	2	2	60
65	Gas, illuminating and heating	5	128	18	12	128
66	Gas machines and meters	1	10			
67	Glass	10	378	13	12	360
68	Glass, cutting, staining, and ornamenting	1	1			
69	Gloves and mittens	1	8	1	1	6
70	Glue	1	40	1	1	40
71	Grease and tallow	3	125	3	3	125
72	Hand stamps	3	5	1	1	3
73	Hats and caps, not including wool hats	6	168	8	6	168
74	Hay and straw, baling	2	42	2	2	42
75	Hosiery and knit goods	3	68	4	4	68
76	House furnishing goods, not elsewhere specified	1	50	1	1	50
77	Ice, artificial	5	1,150	10	10	1,150
78	Instruments, professional and scientific	2	9	1	1	6
79	Iron and steel	10	6,660	76	49	6,110
80	Iron and steel, bolts, nuts, washers, and rivets	1	28	1	1	28
81	Iron and steel, nails and spikes, cut and wrought, including wire nails	1	6			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MARYLAND.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
583	15,633	278	8,246	305	7,387	212	175	979	.....	3	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	5	5	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	12
1	3	.....	.....	1	3	46	7	16	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	14
.....	.....	.....	.....	.....	.....	2	7	.....	.....	3	15
.....	.....	.....	.....	.....	.....	11	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	18
2	2	.....	.....	2	2	1	2	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	23
1	45	1	45	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	25
5	65	5	65	.....	.....	.....	.....	8	.....	.....	26
1	9	1	9	.....	.....	.....	.....	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	29
.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	34
.....	.....	.....	.....	.....	.....	27	9	10	.....	.....	35
1	5	.....	.....	1	5	1	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	4	2	.....	.....	37
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	39
2	14	.....	.....	2	14	.....	5	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	18	.....	.....	41
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	42
23	3,450	22	3,350	1	100	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
1	20	1	20	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	51
.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	52
4	140	2	40	2	100	.....	.....	15	.....	.....	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
428	6,980	204	3,768	224	3,212	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	104	.....	.....	58
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59
.....	.....	.....	.....	.....	.....	8	5	6	.....	.....	60
1	4	.....	.....	1	4	.....	.....	48	.....	.....	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	124	.....	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	18	.....	.....	67
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	72
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77
.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	78
5	550	.....	.....	5	550	.....	.....	.....	.....	.....	79
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80
.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	81

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MARYLAND—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Ironwork, architectural and ornamental	2	24	2	2	24
83	Jewelry	1	7			
84	Kaolin and other earth grinding	4	83	1	1	8
85	Labels and tags	2	15	1	1	5
86	Lasts	1	4			
87	Lead, bar, pipe, and sheet	1	70	2	1	70
88	Leather goods	1	4			
89	Leather, morocco	1	50	1	1	50
90	Leather, tanned and curried	22	385	26	22	378
91	Lime and cement	8	442	12	10	442
92	Liquors, distilled	11	750	22	16	700
93	Liquors, malt	27	3,488	64	57	3,488
94	Lithographing and engraving	4	77	4	3	72
95	Lock and gun smithing	2	12	2	2	12
96	Looking-glass and picture frames	4	217	2	2	47
97	Lumber and other mill products, from logs or bolts	204	5,978	199	181	5,151
98	Lumber, planing mill products, including sash, doors, and blinds	14	445	17	14	445
99	Marble and stone work	1	256	8	8	256
100	Mattresses and spring beds	1	15	1	1	15
101	Mineral and soda waters	3	23	3	3	23
102	Models and patterns	5	41	2	2	32
103	Monuments and tombstones	2	47	2	2	47
104	Mucilage and paste	1	15	1	1	15
105	Musical instruments, organs and materials	2	27	2	2	27
106	Musical instruments, pianos and materials	2	400	8	5	400
107	Nets and seines	1	16	1	1	16
108	Oakum	1	30	1	1	30
109	Oil, lubricating	1	4	1	1	4
110	Optical goods	1	1			
111	Oysters, canning and preserving	7	600	13	15	600
112	Painting and paper hanging	1	15	1	1	15
113	Paints	9	315	8	8	269
114	Paper	16	4,636	34	27	1,679
115	Paper hangings	1	200	3	2	170
116	Patent medicines and compounds	6	139	8	6	135
117	Paving and paving materials	1	25	1	1	25
118	Perfumery and cosmetics	1	12	1	1	12
119	Petroleum, refining	2	573	7	2	573
120	Photolithographing and engraving	2	6			
121	Pickles, preserves, and sauces	3	47	2	2	42
122	Plated and britannia ware	2	45	2	2	45
123	Plumbers' supplies	4	157	5	4	151
124	Plumbing and gas fitting	1	1			
125	Printing and publishing, book and job	51	293	11	11	97
126	Printing and publishing, newspapers and periodicals	49	599	35	39	530
127	Pumps, not including steam pumps	1	25	1	1	25
128	Refrigerators	3	33	2	2	31
129	Roofing and roofing materials	2	120	1	1	50
130	Saddlery and harness	2	32	1	1	30
131	Safes and vaults	1	40	1	1	40
132	Sausage	2	28	1	1	25
133	Saws	1	35	1	1	35
134	Sewing machine repairing	1	4	1	1	4
135	Shipbuilding	11	1,003	27	22	1,003
136	Shirts	8	105	1	1	75
137	Show cases	3	250	4	4	250
138	Silk and silk goods	1	8	1	1	8
139	Silverware	4	25	1	1	6
140	Slaughtering and meat packing, wholesale	15	872	24	21	872
141	Smelting and refining	1	662	10	8	662
142	Soap and candles	3	175	5	5	175
143	Stamped ware	1	35	1	1	35
144	Steam fittings and heating apparatus	1	50	1	1	50
145	Tinsmithing, coppersmithing, and sheet-iron working	16	571	16	15	561
146	Tobacco, chewing, smoking, and snuff	5	496	6	4	490
147	Tobacco, cigars and cigarettes	3	31	2	2	23
148	Tools, not elsewhere specified	3	53	3	3	53
149	Type founding	4	25	1	1	10
150	Umbrellas and canes	2	7			
151	Upholstery materials	6	246	11	7	246
152	Vinegar and cider	3	83	2	2	75
153	Washing machines and clothes wringers	1	10			
154	Whips	1	8			
155	Wirework, including wire rope and cable	2	21	1	1	20
156	Wood, turned and carved	5	84	3	3	71
157	Woodenware, not elsewhere specified	1	35	1	1	35
158	Woolen goods	9	554	6	3	285

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MARYLAND—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											82
							7				83
4	75	4	75								84
								10			85
								4			86
											87
							4				88
											89
							7				90
											91
1	50			1	50						92
											93
								5			94
											95
								170			96
52	827	23	448	29	379						97
											98
											99
											100
											101
								9			102
											103
											104
											105
											106
											107
											108
											109
						1					110
											111
											112
1	30			1	30	6		10			113
29	2,957	5	162	24	2,795						114
1	30	1	30								115
								4			116
											117
											118
											119
						1		5			120
								5			121
											122
								6			123
						1					124
1	1			1	1	44	42	109			125
4	17	1	4	3	13	9	17	26			126
											127
							2				128
2	70			2	70						129
						2					130
											131
								3			132
											133
											134
											135
						21	7	2			136
											137
											138
							8	11			139
											140
											141
											142
											143
											144
1	2			1	2	4	4				145
								6			146
								8			147
											148
						1	8	6			149
						2	5				150
											151
1	8	1	8								152
								10			153
								8			154
						1					155
1	10	1	10					3			156
											157
10	269	6	212	4	57						158

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MASSACHUSETTS.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	7,207	517,897	7,200	5,084	340,774
2	Agricultural implements	14	1,480	11	8	760
3	Ammunition	1	40			
4	Artists' materials	2	18			
5	Awnings, tents, and sails	5	10	1	1	2
6	Bagging, flax, hemp, and jute	1	1,500			
7	Bags, other than paper	1	5			
8	Baking and yeast powders	4	301	4	2	150
9	Baskets and rattan and willow ware	11	624	13	7	588
10	Belting and hose, leather	15	134	6	6	95
11	Belting and hose, linen	1	8			
12	Belting and hose, rubber	3	1,085	12	9	1,075
13	Bicycle and tricycle repairing	8	39	4	4	27
14	Bicycles and tricycles	7	444	8	5	273
15	Billiard tables and materials	4	117	3	3	85
16	Blacking	11	456	10	8	452
17	Blacksmithing and wheelwrighting	63	475	31	31	277
18	Bone, ivory, and lamp black	1	20	2	2	20
19	Bookbinding and blank-book making	38	153	5	4	26
20	Boot and shoe cut stock	211	2,348	78	68	1,575
21	Boot and shoe findings	65	1,435	31	26	772
22	Boot and shoe uppers	14	106	4	4	73
23	Boots and shoes, custom work and repairing	5	6	3	4	4
24	Boots and shoes, factory product	741	15,081	418	346	11,105
25	Boots and shoes, rubber	5	5,068	62	21	5,068
26	Bottling	18	159	11	11	136
27	Boxes, cigar	7	111	3	3	58
28	Boxes, fancy and paper	62	718	31	28	539
29	Boxes, wooden packing	83	3,420	68	53	2,227
30	Brass	2	50	2	2	50
31	Brass and copper, rolled	3	1,910	21	12	1,710
32	Brass castings and brass finishing	38	302	13	12	309
33	Brassware	8	65	2	1	50
34	Bread and other bakery products	47	690	45	50	667
35	Brick and tile	57	2,741	80	69	2,715
36	Bridges	8	131	22	22	131
37	Brooms and brushes	18	187	11	9	166
38	Buttons	14	408	14	8	375
39	Cardboard	1	150	3	1	150
40	Card cutting and designing	1	15			
41	Carpentering	189	2,842	77	70	1,989
42	Carpets and rugs, other than rag	7	4,576	56	14	3,935
43	Carriage and wagon materials	21	1,258	17	15	983
44	Carriages and sleds, children's	6	519	8	7	375
45	Carriages and wagons, including custom work and repairing	91	1,446	66	65	1,126
46	Cars and general shop construction and repairs by steam railroad companies	14	1,150	25	17	1,150
47	Cars, steam railroad, not including operations of railroad companies	3	305	5	3	305
48	Cars, street railroad, not including operations of railroad companies	2	45	1	1	40
49	Celluloid and celluloid goods	2	475	8	2	475
50	Cheese and butter, urban dairy product	6	101	7	6	101
51	Cheese, butter, and condensed milk, factory product	22	180	22	22	180
52	Chemicals	22	748	29	25	734
53	Chocolate and cocoa products	2	730	15	7	550
54	Clay and pottery products	18	657	20	20	597
55	Cleansing and polishing preparations	4	241	1	1	80
56	Clocks	4	137	4	3	135
57	Cloth, sponging and refinishing	5	29	3	3	26
58	Clothing, horse	1	10			
59	Clothing, men's, custom work and repairing	4	4	1	1	1
60	Clothing, men's, factory product	56	366	18	17	288
61	Clothing, men's, factory product, buttonholes	2	2			
62	Clothing, women's, factory product	17	133	4	3	97
63	Coffee and spice, roasting and grinding	20	340	11	9	242
64	Coffins, burial cases, and undertakers' goods	13	292	10	8	249
65	Collars and cuffs, paper	1	80	3	1	80
66	Combs	17	404	7	7	259
67	Confectionery	62	752	39	35	642
68	Cooperage	8	367	6	5	250
69	Cordage and twine	21	8,208	61	28	7,447
70	Cork, cutting	4	19			
71	Corsets	5	65	3	2	25
72	Cotton goods	187	171,924	1,173	545	115,810
73	Cotton waste	3	220	4	2	150
74	Crucibles	2	165	3	2	165
75	Cutlery and edge tools	63	3,416	34	29	1,817
76	Dentistry, mechanical	4	5			
77	Dentists' materials	3	8			
78	Druggists' preparations, not including prescriptions	3	5	1	1	1
79	Drug grinding	2	7			
80	Dyeing and cleaning	26	547	23	20	505
81	Dyeing and finishing textiles	33	12,361	202	132	11,533

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MASSACHUSETTS.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.			
Total.		Turbine wheels.		Other water wheels.						Not specified. (Horse power.)	
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
2,622	158,932	1,921	137,015	701	21,917	2,327	289	14,452	855	268	1
30	712	17	529	13	183			8			2
								40			3
								18			4
						8					5
8	1,500	8	1,500								6
								5			7
3	150	3	150					1			8
2	30	1	20	1	10			2		4	9
						16		23			10
								8			11
								10			12
						7				5	13
3	155			3	155			16			14
1	25	1	25					7			15
						1		3			16
20	145	10	90	10	55	22		27	4		17
											18
1	1			1	1	12		100	11	3	19
2	40	2	40			25		704		4	20
8	459	7	458	1	1	21	5	178			21
						5		28			22
								2			23
11	229	3	64	8	165	175	24	3,501	4	43	24
											25
5	6	2	1	3	5			12	5		26
1	40			1	40			13			27
						36	8	130	2	3	28
36	919	28	794	8	125	5		207	62		29
											30
4	200	4	200								31
						3		77	3		32
								11	4		33
1	2			1	2	17	2			2	34
2	26	1	1	1	25						35
											36
1	5	1	5			9		7			37
3	26	2	23	1	3	1		6			38
											39
						15					40
9	128	6	112	3	16	69	24	590	32	10	41
6	641	4	581	2	60						42
3	175	3	175			5		95			43
2	129	1	125	1	4			15			44
8	75	4	27	4	48	46	21	178			45
											46
											47
								5			48
											49
											50
											51
						1		13			52
9	180	9	180								53
1	60	1	60								54
1	150	1	150					11			55
								2			56
								3			57
								10			58
						3					59
						40		38			60
						1		1			61
						26		10			62
						25		73			63
1	22	1	22			16		5			64
											65
4	85			4	85			59	1		66
6	10			6	10	31	9	54		6	67
3	60	2	30	1	30	50		2		5	68
16	756	13	656	3	100			3		2	69
						7		12			70
						1		39			71
347	55,944	303	51,717	44	4,227	115		23	2	30	72
1	70			1	70						73
											74
40	2,034	32	1,898	8	136	16		39	10		75
3	4			3	4	1					76
								8			77
						3		1			78
						2		5			79
						1		38		3	80
10	823	7	663	3	160	5					81

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MASSACHUSETTS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Dye stuffs and extracts	8	1,010	31	10	875
83	Electrical apparatus and supplies	22	1,373	23	17	1,288
84	Electroplating	32	170	5	5	63
85	Emery wheels	5	87	4	4	75
86	Enameled goods	4	63	2	1	40
87	Engravers' materials	1	1			
88	Engraving and diesinking	6	17	1	1	3
89	Engraving, steel, including plate printing	3	6			
90	Engraving, wood	2	3			
91	Envelopes	11	279	8	5	221
92	Fancy articles, not elsewhere specified	9	63	2	1	7
93	Felt goods	7	1,350	18	9	775
94	Fertilizers	14	995	22	17	954
95	Files	14	172	3	3	122
96	Firearms	11	803	15	11	733
97	Fish, canning and preserving	4	67	3	3	65
98	Flags and banners	1	1			
99	Flavoring extracts	2	17	1	1	12
100	Flouring and grist mill products	237	10,821	73	63	2,812
101	Food preparations	16	523	14	13	510
102	Foundry and machine shop products	662	18,126	455	398	13,174
103	Fruits and vegetables, canning and preserving	7	305	10	7	305
104	Fur goods	1	50	2	1	50
105	Furnishing goods, men's	22	305	14	10	245
106	Furniture, cabinetmaking, repairing and upholstering	36	261	11	10	99
107	Furniture, chairs	38	3,452	45	24	1,993
108	Furniture, factory product	88	3,265	48	41	2,120
109	Furs, dressed	1	2			
110	Gas and lamp fixtures	6	236	3	3	220
111	Gas, illuminating and heating	52	2,477	98	97	2,477
112	Gas machines and meters	3	55	3	3	55
113	Gas stoves	2	79	3	1	75
114	Glass	2	55	3	3	55
115	Glass, cutting, staining, and ornamenting	10	81	2	2	66
116	Gloves and mittens	2	14	3	2	14
117	Glue	9	715	23	16	715
118	Graphite	1	30	1	1	30
119	Grease and tallow	19	653	30	21	653
120	Grindstones	1	10	1	1	10
121	Gunpowder	1	544	5	5	198
122	Hammocks	1	2	1	1	2
123	Hand stamps	9	16	1	1	1
124	Hardware	31	644	16	15	429
125	Hardware, saddlery	5	13			
126	Hat and cap materials	1	12			
127	Hats and caps, not including wool hats	25	525	30	18	503
128	Hones and whetstones	2	20			
129	Hooks and eyes	2	66	3	2	41
130	Horseshoes, factory product	1	5			
131	Hosiery and knit goods	42	3,056	50	35	2,185
132	House furnishing goods, not elsewhere specified	9	273	6	6	185
133	Ink, printing	1	200	3	3	175
134	Ink, writing	1	25	1	1	25
135	Instruments, professional and scientific	10	76	4	5	63
136	Iron and steel	13	7,220	131	61	6,705
137	Iron and steel, bolts, nuts, washers, and rivets	8	592	10	6	405
138	Iron and steel, doors and shutters	1	1			
139	Iron and steel, forgings	7	673	12	6	655
140	Iron and steel, nails and spikes, cut and wrought, including wire nails	40	3,321	60	36	2,568
141	Ironwork, architectural and ornamental	15	391	11	10	335
142	Ivory and bone work	9	106	4	4	68
143	Jewelry	93	1,687	44	30	954
144	Jewelry and instrument cases	2	11			
145	Kaolin and other earth grinding	7	201	6	6	126
146	Kindling wood	9	210	13	9	205
147	Labels and tags	1	5			
148	Lapidary work	3	4			
149	Lard, refined	2	35	2	2	35
150	Lasts	22	519	11	10	383
151	Lead, bar, pipe, and sheet	3	515	6	4	515
152	Leather board	5	825	7	4	290
153	Leather, dressed skins	3	41	2	2	40
154	Leather goods	9	33	2	2	8
155	Leather, morocco	51	1,956	49	40	1,752
156	Leather, patent and enameled	2	50	2	2	50
157	Leather, tanned and curried	133	6,236	196	140	5,928
158	Lime and cement	2	22	2	2	22
159	Linen goods	1	700	7	2	475
160	Liquors, distilled	6	372	9	5	372
161	Liquors, malt	25	3,066	56	40	3,036

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MASSACHUSETTS—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
6	130	6	130					5			82
						63		22			83
1	25			1	25	13		69			84
1	12	1	12								85
1	20	1	20					3			86
								1			87
						12	1	1			88
						1	4	1			89
						2		1			90
								58			91
						5	15	36			92
4	575	4	575								93
1	35	1	35						6		94
1	10	1	10					40			95
2	46	1	16	1	30		4	20			96
							2				97
						1					98
								5			99
303	7,944	223	5,977	80	1,967					65	100
							1	12			101
89	3,103	62	2,342	27	761	248	16	1,386	166	33	102
											103
											104
2	38	1	35	1	3	6		15	1		105
1	1			1	1	5		154	2		106
31	1,436	21	975	10	461			23			107
12	385	9	330	3	55			705	55		108
								2			109
						7		9			110
											111
											112
								4			113
											114
						5		10			115
											116
											117
											118
											119
											120
13	346			13	346						121
											122
						7		8			123
5	137	3	105	2	32			70	8		124
						4		9			125
								12			126
1	9	1	9			2		11			127
2	20	2	20								128
								25			129
						5					130
17	871	12	591	5	280						131
2	85	1	50	1	35			3			132
1	25	1	25								133
											134
						1		12			135
15	515	11	425	4	90						136
4	130	4	130					57			137
								1			138
1	6			1	6	10			2		139
19	633	18	623	1	10	9		111			140
1	15			1	15		5	36			141
3	18	2	17	1	1			20			142
11	221	10	213	1	8	1		507	2	2	143
1	9	1	9					2			144
4	75	4	75								145
						5					146
1	5	1	5								147
								4			148
											149
						20		116			150
											151
13	535	13	535								152
								1			153
						3		22			154
								204			155
											156
9	182	6	100	3	82	13		110		3	157
3	225	2	180	1	45						158
											159
											160
						30					161

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

MASSACHUSETTS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
162	Lithographing and engraving	10	287	5	3	242
163	Lock and gun smithing	18	34	3	3	15
164	Looking-glass and picture frames	15	46	2	2	21
165	Lumber and other mill products from logs or bolts	442	20,177	197	162	7,023
166	Lumber, planing mill products, including sash, doors, and blinds	161	8,934	165	110	7,325
167	Marble and stone work	35	1,612	50	48	1,546
168	Masonry, brick and stone	34	1,068	66	70	1,009
169	Matches	1	60	1	1	20
170	Mats and matting	1	8	1	1	8
171	Mattresses and spring beds	21	504	6	6	375
172	Millinery and lace goods	15	813	23	14	768
173	Millinery, custom work	1	1			
174	Mineral and soda waters	28	505	24	24	341
175	Mirrors	1	6			
176	Models and patterns	42	167	3	3	67
177	Monuments and tombstones	18	643	17	20	635
178	Mucilage and paste	10	616	11	10	569
179	Musical instruments and materials, not specified	12	128	3	3	90
180	Musical instruments, organs and materials	19	775	12	8	645
181	Musical instruments, pianos and materials	43	1,987	40	27	1,395
182	Needles and pins	11	135	5	5	120
183	Nets and seines	7	210	7	5	201
184	Oil, illuminating, not including petroleum, refining	1	2	2	1	2
185	Oil, lubricating	5	235	6	6	235
186	Oilcloth, enameled	1	60	4	1	60
187	Oilcloth, floor	2	16	2	2	16
188	Optical goods	11	387	2	2	70
189	Ordnance and ordnance stores	1	300	2	1	100
190	Painting and paper hanging	2	11			
191	Paints	24	982	29	21	830
192	Paper	81	44,386	291	190	15,213
193	Paper goods, not elsewhere specified	14	473	9	4	382
194	Paper hangings	2	21	3	2	21
195	Patent medicines and compounds	16	686	19	12	610
196	Paving and paving materials	3	200	5	7	200
197	Pens, fountain and stylographic	2	3			
198	Perfumery and cosmetics	4	9			
199	Petroleum, refining	1	200	2	1	200
200	Photographic apparatus	1	15			
201	Photographic materials	8	63	5	5	46
202	Photography	3	16			
203	Photolithographing and engraving	3	11			
204	Pickles, preserves, and sauces	8	150	8	6	141
205	Plastering and stuccowork	1	4	1	1	4
206	Plated and britannia ware	11	833	13	7	647
207	Plumbers' supplies	6	431	5	4	375
208	Plumbing and gas fitting	37	279	16	16	153
209	Pocketbooks	3	33	2	2	32
210	Printing and publishing, book and job	281	1,524	65	61	737
211	Printing and publishing, music	3	21	1	1	15
212	Printing and publishing, newspapers and periodicals	211	1,973	126	120	1,416
213	Printing materials	2	2			
214	Pulp goods	2	200	3	4	200
215	Pulp, wood	2	450	2	3	110
216	Pumps, not including steam pumps	5	44	4	4	41
217	Refrigerators	8	113	6	6	100
218	Regalia and society banners and emblems	4	18	1	1	15
219	Roofing and roofing materials	4	52	6	4	52
220	Rubber and elastic goods	46	4,992	67	47	4,347
221	Saddlery and harness	10	41	3	3	21
222	Safes and vaults	2	76	1	1	75
223	Sand and emery paper and cloth	3	167	3	3	125
224	Sausage	23	223	19	18	208
225	Saws	3	376	7	5	360
226	Scales and balances	2	5			
227	Screws, machine	10	231	4	3	145
228	Screws, wood	1	65			
229	Sewing machine repairing	5	13	1	1	4
230	Sewing machines and attachments	10	790	4	3	420
231	Shipbuilding	24	511	23	26	478
232	Shirts	23	185	8	8	132
233	Shoddy	29	2,219	25	18	1,040
234	Show cases	3	66	1	1	60
235	Silk and silk goods	16	2,665	40	22	1,294
236	Silversmithing	3	5			
237	Silverware	3	250	3	2	200
238	Slaughtering and meat packing, wholesale	15	1,364	41	25	1,362
239	Soap and candles	35	857	85	33	781
240	Soda water apparatus	1	125	3	1	125
241	Sporting goods	17	487	11	10	251

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MASSACHUSETTS—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
						20	14	8	3		162
1	1			1	1	6		11		1	163
2	2			2	2	7		16			164
546	13,081	355	9,130	191	3,951				70	3	165
14	442	9	310	5	132	28		1,139			166
								66			167
								59			168
1	40	1	40								169
											170
2	62	2	62			13		49	5		171
						37		8			172
						1					173
2	154	1	150	1	4		8	1		1	174
								6			175
						17		72	11		176
1	4			1	4			4			177
2	35	2	35					12			178
1	8			1	8	8		22			179
							10	118	2		180
10	314	8	265	2	49	26		250		2	181
								15			182
								9			183
											184
											185
											186
											187
5	300	4	290	1	10	2		15			188
2	200	2	200								189
						10	1				190
2	60	2	60					84		8	191
290	23,148	250	26,183	40	2,965	25					192
1	2			1	2			39	50		193
											194
2	72	1	70	1	2	2		2			195
											196
								3			197
						7		2			198
											199
								15			200
						5		12			201
						16					202
						9		2			203
								9			204
											205
2	109	2	100			2		84			206
								56			207
1	10	1	10			14	12	70	20		208
						1					209
14	27			14	27	252	32	418	48	10	210
						3		3			211
24	80	2	7	22	73	258	54	148	2	15	212
								2			213
											214
4	340	4	340								215
								3			216
						5		8			217
						1		2			218
											219
11	545	11	545			17		43	40		220
						1		19			221
								1			222
1	40	1	40					2			223
								15			224
1	16	1	16								225
						4		1			226
								21	65		227
									65		228
								9			229
8	324	8	324			6		40			230
2	25	2	25			5		3			231
1	6			1	6	15		32			232
28	1,179	20	799	8	380						233
								6			234
25	1,322	24	1,320	1	2	46		3			235
								5			236
								50			237
						2					238
								76			239
											240
5	215	2	60	3	155	2		16	3		241

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

MASSACHUSETTS—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
242	Springs, steel, car and carriage	4	165	3	3	160
243	Stamped ware	6	126	4	3	115
244	Starch	2	75	2	2	75
245	Stationery goods, not elsewhere specified	13	205	7	9	164
246	Steam fittings and heating apparatus	20	467	15	12	468
247	Steam packing	4	183	2	2	35
248	Stencils and brands	2	2	1	1	1
249	Stereotyping and electretyping	6	51	1	1	15
250	Straw goods, not elsewhere specified	1	40	3	1	40
251	Sugar and molasses, refining	2	880	28	14	880
252	Surgical appliances	5	84	2	3	21
253	Thread, linen	1	421	2	3	206
254	Tinsmithing, coppersmithing, and sheet-iron working	31	350	12	12	266
255	Tobacco, chewing, smoking, and snuff	2	30			
256	Tobacco, cigars and cigarettes	5	12	2	2	9
257	Tools, not elsewhere specified	76	1,838	36	33	915
258	Toys and games	13	390	8	8	181
259	Trunks and valises	5	62	2	2	50
260	Type founding	3	25	1	1	10
261	Typewriters and supplies	2	19			
262	Umbrellas and canes	3	9			
263	Upholstery materials	3	96	2	1	90
264	Varnish	5	44	4	4	41
265	Vinegar and cider	54	820	36	35	457
266	Washing machines and clothes wringers	1	10	1	1	10
267	Watch and clock materials	4	13	1	1	4
268	Watch cases	4	37	1	1	15
269	Watch, clock, and jewelry repairing	7	15	1	1	3
270	Watches	2	42	1	1	40
271	Whips	23	207	6	6	119
272	Windmills	1	10	1	1	10
273	Window shades	3	62	4	2	60
274	Wire	5	7,385	102	56	7,130
275	Wirework, including wire rope and cable	29	798	16	15	545
276	Wood, turned and carved	83	1,456	26	23	681
277	Woodenware, not elsewhere specified	14	1,097	5	6	223
278	Wool hats	7	765	16	7	765
279	Woolen goods	165	34,699	359	173	17,171
280	Worsted goods	33	16,835	116	100	10,856

MICHIGAN.

1	All industries	4,414	256,608	5,851	4,475	214,748
2	Agricultural implements	60	2,563	75	63	2,306
3	Ammunition	2	29	1	1	4
4	Artificial limbs	1	10	1	1	10
5	Awnings, tents, and sails	2	2			
6	Babbitt metal and solder	1	10	1	1	10
7	Baking and yeast powders	2	40	3	3	40
8	Baskets and rattan and willow ware	7	227	5	4	195
9	Belting and hose, leather	2	18	1	1	15
10	Bicycles and tricycles	1	10			
11	Blacksmithing and wheelwrighting	27	231	21	21	190
12	Bookbinding and blank-book making	5	30			
13	Boot and shoe uppers	1	1			
14	Boots and shoes, factory product	8	232	6	4	140
15	Bottling	5	36	5	5	36
16	Boxes, cigar	9	169	7	7	149
17	Boxes, fancy and paper	5	35	3	3	20
18	Boxes, wooden packing	22	1,505	29	22	1,485
19	Brass and copper, rolled	1	700	4	2	700
20	Brass castings and brass finishing	13	367	12	11	343
21	Bread and other bakery products	19	419	18	17	411
22	Brick and tile	132	3,913	138	133	3,873
23	Bridges	3	1,010	15	26	1,010
24	Brooms and brushes	7	78	4	4	23
25	Carpentering	38	1,073	33	30	913
26	Carriage and wagon materials	13	862	10	14	812
27	Carriages and sleds, children's	3	80	2	2	55
28	Carriages and wagons, including custom work and repairing	61	1,866	60	52	1,610
29	Cars and general shop construction and repairs by steam railroad companies	12	879	21	19	879
30	Cars, steam railroad, not including operations of railroad companies	4	2,020	18	9	2,020
31	Celluloid and celluloid goods	1	1			
32	Cheese, butter, and condensed milk, factory product	59	561	58	56	455
33	Chemicals	16	493	23	13	470
34	Clay and pottery products	5	239	8	4	238
35	Cloth, sponging and refinishing	1	10	1	1	10
36	Clothing, men's, custom work and repairing	1	2			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MASSACHUSETTS—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
								5			242
						1		10			243
											244
						10	7	24			245
								59			246
1	117	1	117					1	30		247
						1					248
						10		26			249
											250
											251
2	55	2	55					8			252
1	215	1	215								253
						26	5	53			254
2	30	2	30								255
1	1			1	1	1	1				256
24	816	20	795	4	21	18	4	78	2	5	257
8	154	6	129	2	25			55			258
						10		2			259
						5		10			260
								19			261
						5		4			262
						1		5			263
1	3			1	3						264
21	332	17	296	4	36	25		6			265
											266
1	7	1	7			1		1			267
						3		19			268
2	3			2	3			9			269
						2					270
9	13			9	13			75			271
											272
								2			273
9	245	7	200	2	45			10			274
3	155	2	140	1	15			88	10		275
22	444	17	405	5	39	15		299	17		276
20	843	16	768	4	75			1	30		277
											278
248	17,528	178	13,992	70	3,536						279
43	5,979	36	5,020	7	359						280

MICHIGAN.

1,218	38,986	830	29,206	388	9,780	577	237	1,788	195	77	1
7	257	5	212	2	45						2
1	25	1	25								3
											4
						2					5
											6
											7
2	27			2	27	1		4			8
1	3			1	3						9
								10			10
5	35	2	13	3	22					6	11
						14	16				12
						1					13
						22	20	50			14
											15
						5		15			16
						3		10	2		17
1	20	1	20								18
											19
						9		15			20
							8				21
1	40	1	40								22
											23
1	48	1	48			1		6			24
5	105	3	65	2	40			40		15	25
								59			26
								25			27
8	126	1	35	7	91	3		97			28
											29
											30
						1					31
								46			32
						6	7	5		5	33
						1					34
											35
						2					36

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MICHIGAN—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
37	Clothing, men's, factory product	9	58	2	2	30
38	Clothing, women's, factory product	2	24	1	1	20
39	Coffee and spice, roasting and grinding	5	78	4	4	75
40	Coffins, burial cases, and undertakers' goods	7	375	8	5	275
41	Confectionery	19	170	11	11	151
42	Cooperage	22	777	26	23	767
43	Corsets	9	137	6	6	100
44	Cutlery and edge tools	6	230	6	6	175
45	Dyeing and cleaning	5	88	5	4	23
46	Electrical apparatus and supplies	1	15	1	1	15
47	Electroplating	6	32	2	2	11
48	Emery wheels	1	60	1	1	60
49	Engravers' materials	1	15			
50	Felt goods	1	105	2	1	75
51	Fertilizers	3	841	7	14	841
52	Files	4	67	2	2	43
53	Firearms	1	25	1	1	25
54	Fire extinguishers, chemical	1	40	2	1	40
55	Flavoring extracts	1	12	1	1	12
56	Flax, dressed	1	40	1	1	40
57	Flouring and grist mill products	543	33,814	337	312	16,749
58	Food preparations	4	81	4	3	78
59	Foundry and machine shop products	237	9,040	233	250	8,228
60	Fruits and vegetables, canning and preserving	29	509	32	27	500
61	Fur goods	2	2			
62	Furnishing goods, men's	2	20	1	1	15
63	Furniture, cabinetmaking, repairing and upholstering	11	174	7	7	133
64	Furniture, chairs	7	809	11	8	580
65	Furniture, factory product	99	9,313	136	112	8,601
66	Galvanizing	1	6	1	1	6
67	Gas, illuminating and heating	20	355	24	29	355
68	Gas stoves	1	10			
69	Glass, cutting, staining, and ornamenting	1	4			
70	Glue	1	170	2	1	170
71	Graphite	1	20	1	1	20
72	Grease and tallow	1	215	3	2	215
73	Grindstones	1	100	3	4	100
74	Hardware	1	60	1	1	60
75	Hardware, saddlery	1	80	2	1	80
76	Hats and caps, not including wool hats	2	40	2	1	30
77	High explosives	5	36	5	6	36
78	Hosiery and knit goods	7	349	9	5	204
79	House furnishing goods, not elsewhere specified	4	525	4	3	420
80	Instruments, professional and scientific	1	3			
81	Iron and steel	19	8,380	124	88	8,180
82	Iron and steel, bolts, nuts, washers, and rivets	1	350	3	3	350
83	Iron and steel, nails and spikes, cut and wrought, including wire nails	1	7			
84	Ironwork, architectural and ornamental	4	49	1	1	40
85	Jewelry	2	5			
86	Jewelry and instrument cases	1	3			
87	Kaolin and other earth grinding	5	525	8	5	450
88	Kindling wood	1	14	1	1	14
89	Labels and tags	1	5	1	1	5
90	Lasts	1	35	1	1	15
91	Lead, bar, pipe, and sheet	1	20	1	1	20
92	Leather goods	1	20			
93	Leather, tanned and curried	18	828	26	23	828
94	Lime and cement	6	116	7	7	116
95	Liquors, malt	58	2,211	73	70	2,191
96	Lithographing and engraving	2	40	2	1	30
97	Lock and gun smithing	3	11	2	2	6
98	Looking-glass and picture frames	5	157	3	2	150
99	Lumber and other mill products from logs or bolts	1,671	123,034	3,042	1,919	111,828
100	Lumber, planing mill products, including sash, doors, and blinds	217	11,718	245	225	10,923
101	Malt	7	199	6	6	189
102	Marble and stone work	11	359	12	14	329
103	Masonry, brick and stone	10	118	12	12	118
104	Matches	1	160	2	2	160
105	Mattresses and spring beds	6	91	5	5	83
106	Mineral and soda waters	8	40	7	8	36
107	Mirrors	1	50	1	1	50
108	Models and patterns	4	75	2	2	72
109	Monuments and tombstones	5	54	4	4	46
110	Musical instruments and materials, not specified	1	66	2	2	66
111	Musical instruments, organs and materials	4	429	6	6	429
112	Musical instruments, pianos and materials	1	75	1	1	75
113	Needles and pins	1	100	1	1	100
114	Oil, essential	3	24	3	3	24
115	Optical goods	2	7			
116	Paints	7	418	8	5	400

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MICHIGAN—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
1	5	1	5			4	4	15			37
						4					38
								3			39
1	60	1	60					40			40
						10	9				41
								10			42
						10	20	7			43
2	35	2	35					20			44
								65			45
											46
						7		6	8		47
											48
								15			49
1	30	1	30								50
											51
								24			52
											53
											54
											55
											56
676	17,049	476	13,190	200	3,859					16	57
								3			58
22	615	13	446	9	169	38	16	128	15		59
1	4	1	4					5			60
						2					61
						5					62
3	31	1	20	2	11			10			63
5	220	3	150	2	70						64
16	610	5	155	11	455	4		73	25		65
											66
											67
								10			68
								4			69
											70
											71
											72
											73
											74
											75
								10			76
											77
2	145	2	145								78
3	100	3	100					5			79
								3			80
3	200	3	200								81
											82
1	7			1	7						83
						7	2				84
						5					85
						3					86
2	75	2	75								87
											88
											89
								20			90
											91
1	20			1	20						92
											93
											94
1	5			1	5				15		95
								10			96
								5			97
						5		2			98
298	10,807	208	7,854	90	2,953	125		270		4	99
15	610	7	295	8	315			120	65		100
						10					101
								30			102
											103
											104
						4	4				105
							4				106
											107
						1		2			108
									8		109
											110
											111
											112
											113
											114
						7					115
						10		8			116

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MICHIGAN—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
117	Paper	21	8,831	58	38	3,672
118	Paper goods, not elsewhere specified	2	102	2	1	100
119	Patent medicines and compounds	7	119	7	8	118
120	Paving and paving materials	6	144	7	7	144
121	Perfumery and cosmetics	4	29	2	2	27
122	Photographic apparatus	3	27	2	2	26
123	Photolithographing and engraving	1	1			
124	Pickles, preserves, and sauces	11	272	12	12	272
125	Plumbers' supplies	5	120	3	3	95
126	Plumbing and gas fitting	3	31	2	2	28
127	Printing and publishing, book and job	60	416	16	16	217
128	Printing and publishing, newspapers and periodicals	208	1,535	153	147	1,268
129	Pulp, wood	9	2,429	16	10	720
130	Pumps, not including steam pumps	8	113	6	6	100
131	Refrigerators	3	327	6	3	327
132	Regalia and society banners and emblems	1	2			
133	Roofing and roofing materials	2	60	2	2	60
134	Saddlery and harness	7	71	3	3	62
135	Safes and vaults	1	145	2	2	145
136	Salt	38	3,756	171	109	3,749
137	Saws	8	254	7	7	252
138	Scales and balances	1	15	1	1	15
139	Screws, machine	1	50	1	1	50
140	Shipbuilding	30	1,783	41	48	1,685
141	Shirts	4	8			
142	Show cases	1	40	1	1	40
143	Silk and silk goods	1	140			
144	Slaughtering and meat packing, wholesale	9	178	13	12	178
145	Soap and candles	7	145	9	7	145
146	Sporting goods	3	90	1	1	75
147	Springs, steel, car and carriage	2	140	3	2	140
148	Stamped ware	1	40	1	1	40
149	Steam fittings and heating apparatus	5	182	5	5	142
150	Stereotyping and electrotyping	2	17			
151	Sugar and molasses, refining	4	95	4	4	95
152	Tinsmithing, coppersmithing, and sheet-iron working	12	90	5	5	52
153	Tobacco, chewing, smoking, and snuff	5	840	13	8	790
154	Tobacco, cigars and cigarettes	4	8			
155	Tools, not elsewhere specified	9	169	6	6	145
156	Toys and games	3	105	3	3	105
157	Trunks and valises	1	40	1	1	40
158	Umbrellas and canes	1	2			
159	Upholstery materials	5	251	5	5	216
160	Varnish	1	230	2	1	230
161	Vinegar and cider	71	1,388	67	72	1,181
162	Washing machines and clothes wringers	3	57	2	2	42
163	Watch, clock, and jewelry repairing	1	2			
164	Wheelbarrows	3	217	2	3	187
165	Whips	2	40	2	2	40
166	Windmills	8	172	6	5	122
167	Wirework, including wire rope and cable	8	326	6	5	304
168	Wood, turned and carved	33	1,140	29	22	1,043
169	Woodenware, not elsewhere specified	7	495	13	9	495
170	Woolen goods	32	960	24	20	636

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MICHIGAN—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
63	5,159	47	4,169	16	990						117
								2			118
							1				119
											120
						2					121
								1			122
						1					123
											124
						10		15			125
						3					126
2	6			2	6	65	49	76		3	127
15	48	1	1	14	47	40	57	95	4	23	128
20	1,709	15	1,267	5	442						129
1	8	1	8					5			130
											131
						2					132
											133
						6	2	1			134
											135
						7					136
									2		137
											138
											139
3	51	3	51			2		40		5	140
						7		1			141
											142
2	140	2	140								143
											144
											145
						3		12			146
											147
											148
								40			149
						2		15			150
											151
						12	17	9			152
						50					153
						7	1				154
								24			155
											156
											157
						2					158
1	35	1	35								159
											160
9	172	5	99	4	73			35			161
								15			162
						2					163
									30		164
											165
								40	10		166
								22			167
1	20	1	20			22		44	11		168
											169
15	324	10	194	5	130						170

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

MINNESOTA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	1,519	112,817	2,033	1,448	83,548
2	Agricultural implements	16	995	17	13	638
3	Awnings, tents, and sails	1	1			
4	Bags, other than paper	2	85	3	2	85
5	Baking and yeast powders	1	40	1	1	40
6	Belting and hose, leather	2	30	2	3	30
7	Bicycle and tricycle repairing	1	2			
8	Blacksmithing and wheelwrighting	25	175	22	23	158
9	Bookbinding and blank-book making	4	31	1	1	1
10	Boots and shoes, custom work and repairing	1	5	1	1	5
11	Boots and shoes, factory product	5	322	8	5	322
12	Boxes, cigar	2	13	1	1	8
13	Boxes, fancy and paper	2	14	1	1	12
14	Boxes, wooden packing	5	370	3	2	180
15	Brass castings and brass finishing	4	19	2	2	15
16	Bread and other bakery products	6	56	3	3	48
17	Brick and tile	59	1,824	62	60	1,813
18	Bridges	2	52	5	5	52
19	Carpentering	13	239	15	16	230
20	Carriages and sleds, children's	1	26	1	1	26
21	Carriages and wagons, including custom work and repairing	43	752	42	39	678
22	Cars and general shop construction and repairs by steam railroad companies	8	1,730	30	20	1,730
23	Cars and general shop construction and repairs by street railroad companies	1	25	2	1	25
24	Cars, steam railroad, not including operations of railroad companies	2	1,445	12	8	1,445
25	Cars, street railroad, not including operations of railroad companies	1	100	2	1	100
26	Celluloid and celluloid goods	1	40	1	1	40
27	Cheese and butter, urban dairy product	4	192	20	20	190
28	Cheese, butter, and condensed milk, factory product	80	666	77	76	577
29	Chemicals	1	5	2	1	5
30	Clay and pottery products	5	333	7	4	331
31	Clothing, horse	1	40	1	1	40
32	Clothing, men's, factory product	6	315	11	5	305
33	Coffee and spice, roasting and grinding	9	124	6	5	109
34	Coffins, burial cases, and undertakers' goods	3	195	6	3	195
35	Confectionery	11	186	9	7	141
36	Cooperage	10	275	13	10	273
37	Cutlery and edge tools	1	2			
38	Druggists' preparations, not including prescriptions	2	3			
39	Dyeing and cleaning	3	30	2	2	28
40	Electrical apparatus and supplies	2	73	1	1	60
41	Electroplating	1	8			
42	Emery wheels	1	18	1	1	18
43	Fancy articles, not elsewhere specified	1	5			
44	Fertilizers	1	20			
45	Flouring and grist mill products	307	48,289	310	214	24,532
46	Food preparations	3	46	1	1	35
47	Foundry and machine shop products	79	1,548	69	67	1,262
48	Fruits and vegetables, canning and preserving	3	180	4	3	180
49	Fuel, artificial	1	50	2	1	50
50	Fur goods	2	8	1	1	5
51	Furnishing goods, men's	3	4			
52	Furniture, cabinetmaking, repairing and upholstering	3	15	2	2	10
53	Furniture, chairs	1	5			
54	Furniture, factory product	16	1,200	25	17	1,200
55	Gas, illuminating and heating	7	737	13	14	737
56	Glass, cutting, staining, and ornamenting	2	21	1	1	6
57	Grease and tallow	2	65	5	2	65
58	Hand stamps	1	1			
59	Hay and straw, baling	1	4	1	1	4
60	Hosiery and knit goods	1	45	2	1	45
61	Iron and steel	1	400	4	3	400
62	Iron and steel, bolts, nuts, washers, and rivets	1	80	2	2	80
63	Ironwork, architectural and ornamental	6	220	7	5	212
64	Kaolin and other earth grinding	1	10			
65	Lead, bar, pipe, and sheet	1	15	1	1	15
66	Leather goods	1	57	1	1	4
67	Leather, tanned and curried	5	107	4	4	101
68	Lightning rods	1	5			
69	Lime and cement	1	257	6	3	257
70	Liquors, distilled	2	610	11	4	610
71	Liquors, malt	44	1,366	58	51	1,354
72	Lithographing and engraving	2	35	1	1	30
73	Lock and gun smithing	1	6	1	2	6
74	Looking-glass and picture frames	2	10			
75	Lumber and other mill products from logs or bolts	300	36,425	742	378	33,882
76	Lumber, planing mill products, including sash, doors, and blinds	51	3,374	64	50	3,186
77	Malt	2	75	2	3	75
78	Marble and stone work	11	452	19	19	452
79	Masonry, brick and stone	18	684	62	62	684
80	Mattresses and spring beds	2	87	1	1	85
81	Mineral and soda waters	5	27	4	4	23

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MINNESOTA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
362	27,300	269	24,179	93	3,121	280	126	1,377	104	82	1
1	3	1	3					350		4	2
						1					3
											4
											5
											6
						2					7
1	8			1	8					9	8
						5		25			9
											10
											11
								5			12
								2			13
								190			14
								4			15
						2		5		1	16
								11			17
											18
						4		5			19
											20
2	52	2	52				7			15	21
											22
											23
											24
											25
											26
										2	27
								89			28
											29
										2	30
											31
								10			32
						4	7	4			33
											34
						3		42			35
								2			36
								2			37
							2	1			38
						2					39
						13					40
						4		4			41
											42
								5			43
								20			44
289	23,732	226	21,214	63	2,518					25	45
								11			46
3	165	3	165			5	20	81	5	10	47
											48
											49
										3	50
						4					51
								5			52
								5			53
											54
											55
						15					56
											57
						1					58
											59
											60
											61
											62
									8		63
								10			64
											65
1	50	1	50						3		66
								6			67
1	5	1	5								68
											69
											70
							10			2	71
								5			72
											73
						2		8			74
38	2,503	25	2,053	13	450	40					75
2	58	1	40	1	18			110	20		76
											77
											78
											79
						2					80
							4				81

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND MINNESOTA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Mirrors	1	4			
83	Models and patterns	3	11	1	1	4
84	Monuments and tombstones	1	5	1	1	5
85	Mucilage and paste	1	2	1	1	2
86	Musical instruments, organs and materials	1	75	2	3	75
87	Oil, linseed	3	345	5	3	345
88	Optical goods	2	11	1	1	10
89	Painting and paper hanging	1	2			
90	Paints	4	105	1	1	30
91	Paper	2	150			
92	Patent medicines and compounds	1	2			
93	Paving and paving materials	8	169	12	12	169
94	Photolithographing and engraving	2	2			
95	Pickles, preserves, and sauces	3	44	3	3	44
96	Plastering and stuccowork	1	20	1	1	20
97	Plumbers' supplies	2	20	1	1	10
98	Plumbing and gas fitting	6	45	3	3	32
99	Printing and publishing, book and job	48	428	8	5	205
100	Printing and publishing, newspapers and periodicals	87	697	50	49	505
101	Printing materials	1	15	1	1	15
102	Pulp goods	2	320	3	2	315
103	Pumps, not including steam pumps	3	49	2	2	34
104	Roofing and roofing materials	2	25	2	2	25
105	Saddlery and harness	6	72	4	4	48
106	Sausage	2	16	2	2	16
107	Shipbuilding	6	110	7	7	110
108	Shirts	4	9			
109	Show cases	1	1			
110	Slaughtering and meat packing, wholesale	9	335	15	13	327
111	Soap and candles	3	118	4	3	118
112	Starch	6	304	11	9	304
113	Steam fittings and heating apparatus	1	4	1	1	4
114	Stereotyping and electrotyping	1	5			
115	Sugar and molasses, refining	3	35	2	2	15
116	Tinsmithing, coppersmithing, and sheet-iron working	4	110	3	2	100
117	Tobacco, chewing, smoking, and snuff	2	40	1	1	30
118	Tools, not elsewhere specified	2	30			
119	Trunks and valises	2	20	2	3	26
120	Type founding	1	50	2	1	50
121	Upholstery materials	3	216	35	18	216
122	Vinegar and cider	3	125	3	3	125
123	Washing machines and clothes wringers	3	18	3	3	18
124	Watch, clock, and jewelry repairing	3	5			
125	Window shades	1	5	1	1	5
126	Wirework, including wire rope and cable	3	69	3	3	69
127	Wood, turned and carved	1	5			
128	Woodenware, not elsewhere specified	3	300	5	4	300
129	Woolen goods	21	862	12	11	282

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MINNESOTA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
						4					82
								7			83
											84
											85
											86
											87
						1					88
							2				89
								75			90
2	100	2	100						50		91
						2					92
						2					93
											94
											95
											96
								10			97
						9	4				98
1	3	1	3			73	20	127			99
5	26			5	26	41	37	81	3	4	100
											101
										5	102
1	15	1	15								103
											104
						19		5			105
											106
											107
						5	4				108
						1					109
						8					110
											111
											112
											113
								5			114
								20			115
						3	7				116
									10		117
								30			118
											119
											120
											121
											122
											123
						3	2				124
											125
											126
									5		127
											128
15	580	5	479	10	101						129

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

MISSISSIPPI.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	985	35,331	1,005	926	32,345
2	Agricultural implements	3	50	3	3	50
3	Blacksmithing and wheelwrighting	5	53	5	5	53
4	Brick and tile	11	297	10	10	287
5	Carpentering	2	32	2	2	32
6	Carriages and wagons, including custom work and repairing	4	85	4	4	85
7	Cars and general shop construction and repairs by steam railroad companies	2	140	3	3	140
8	Clay and pottery products	2	85	2	2	85
9	Confectionery	2	3			
10	Cotton, ginning	120	2,085	107	108	1,732
11	Cotton goods	9	2,195	25	14	2,155
12	Fertilizers	1	10	1	1	10
13	Flouring and grist mill products	408	7,040	295	293	5,268
14	Foundry and machine shop products	18	328	19	19	328
15	Fruits and vegetables, canning and preserving	1	25	2	1	25
16	Furniture, factory product	2	139	3	3	130
17	Gas, illuminating and heating	1	40	2	1	40
18	Ice, artificial	8	402	10	11	384
19	Leather, tanned and curried	1	30	1	1	30
20	Lumber and other mill products from logs or bolts	335	19,546	450	397	18,875
21	Lumber, planing mill products, including sash, doors, and blinds	8	255	8	8	255
22	Masonry, brick and stone	1	5	1	1	5
23	Mineral and soda waters	1	7	1	1	7
24	Oil, cottonseed and cake	11	1,516	27	19	1,516
25	Oysters, canning and preserving	3	220	6	3	220
26	Printing and publishing, newspapers and periodicals	9	35	5	5	13
27	Saddlery and harness	2	11	1	1	6
28	Shipbuilding	1	15	1	2	15
29	Sugar and molasses, refining	6	17			
30	Wood, turned and carved	1	16	1	1	16
31	Woolen goods	7	658	10	7	583

MISSOURI.

1	All industries	3,032	145,185	3,401	3,368	137,595
2	Agricultural implements	16	478	17	17	478
3	Ammunition	3	180	3	3	180
4	Awnings, tents, and sails	7	37	1	1	25
5	Bagging, flax, hemp, and jute	1	200	2	2	200
6	Baking and yeast powders	2	17	1	1	12
7	Baskets and rattan and willow ware	2	9	2	2	9
8	Blacksmithing and wheelwrighting	19	116	19	20	115
9	Bone, ivory, and lamp black	2	170	8	8	170
10	Boot and shoe cut stock	1	10			
11	Boot and shoe uppers	2	3			
12	Boots and shoes, custom work and repairing	1	1			
13	Boots and shoes, factory product	24	584	11	11	374
14	Bottling	4	62	5	4	62
15	Boxes, cigar	3	217	4	3	217
16	Boxes, fancy and paper	6	93	3	3	82
17	Boxes, wooden packing	24	989	21	18	851
18	Brass castings and brass finishing	7	153	7	7	138
19	Brassware	2	18	1	1	8
20	Bread and other bakery products	12	177	9	9	138
21	Brick and tile	74	3,756	99	88	3,748
22	Bridges	4	953	14	15	953
23	Brooms and brushes	4	98	2	2	40
24	Calcium lights	1	6			
25	Carpentering	37	635	34	32	588
26	Carriage and wagon materials	3	126	2	2	80
27	Carriages and sleds, children's	2	50	1	1	40
28	Carriages and wagons, including custom work and repairing	45	1,172	46	43	1,132
29	Cars and general shop construction and repairs by steam railroad companies	14	1,062	25	20	1,062
30	Cars and general shop construction and repairs by street railroad companies	3	280	3	4	280
31	Cars, steam railroad, not including operations of railroad companies	5	1,730	18	10	1,730
32	Cars, street railroad, not including operations of railroad companies	3	525	6	4	525
33	Cheese and butter, urban dairy product	3	37	4	4	37
34	Cheese, butter, and condensed milk, factory product	49	474	49	49	468
35	Chemicals	10	536	20	17	521
36	Clay and pottery products	14	1,540	29	18	1,465
37	Cleansing and polishing preparations	3	90	3	3	90
38	Clocks	1	8	1	1	8
39	Clothing, men's, factory product	18	334	10	9	265
40	Clothing, women's, factory product	1	8			
41	Coffee and spice, roasting and grinding	15	559	15	15	549
42	Coffins and burial cases, trimming and finishing	1	12	1	1	12
43	Coffins, burial cases, and undertakers' goods	3	205	4	3	205
44	Confectionery	16	293	17	13	281
45	Cooperage	14	866	20	17	866
46	Cordage and twine	2	290	3	3	290

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MISSISSIPPI.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
252	2,746	105	1,371	147	1,375	3	8	206	6	17	1
											2
											3
1	10	1	10								4
											5
											6
											7
											8
1	2			1	2				1		9
23	333	7	98	16	235			20			10
1	40			1	40						11
											12
187	1,772	76	923	111	849						13
											14
											15
											16
											17
						3		15			18
											19
34	500	17	257	17	243			171			20
											21
											22
											23
											24
											25
3	14	2	8	1	6		8				26
									5		27
											28
										17	29
											30
2	75	2	75								31

MISSOURI.

313	4,755	188	3,124	125	1,631	618	457	1,594	3	163	1
											2
											3
						10	2				4
						5					5
											6
											7
						1					8
											9
							10				10
						3					11
											12
						1					
						34	30	136		10	13
											14
											15
						6				5	16
						22		116			17
								15			18
						10					19
						10	29				20
										8	21
											22
						3		55			23
								6			24
2	9			2	9	3		21		14	25
							46				26
						10					27
						5		35			28
											29
											30
											31
											32
											33
2	6			2	6						34
								15			35
								75			36
											37
											38
						61		8			39
						8					40
						10					41
											42
											43
						5		7			44
											45
											46

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

MISSOURI—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
47	Cordials and sirups	2	82	3	2	82
48	Corsets	3	23			
49	Cotton, ginning	3	95	3	3	95
50	Cotton goods	1	300	3	1	300
51	Cotton ties	1	10	1	1	10
52	Cutlery and edge tools	8	54	6	6	38
53	Dyeing and cleaning	3	68	2	4	67
54	Electrical apparatus and supplies	1	4			
55	Electric light and power	4	5,920	50	40	5,920
56	Electroplating	7	105	5	5	93
57	Engravers' materials	1	4			
58	Engraving and diesinking	6	21	2	2	11
59	Engraving, steel, including plate printing	1	3			
60	Engraving, wood	1	1			
61	Fancy articles, not elsewhere specified	1	2			
62	Fertilizers	3	340	7	8	340
63	Files	2	45	2	2	45
64	Flavoring extracts	1	2			
65	Flouring and grist mill products	710	34,872	667	591	30,611
66	Food preparations	9	151	5	6	131
67	Foundry and machine shop products	157	6,115	178	231	6,072
68	Fruits and vegetables, canning and preserving	9	214	11	9	210
69	Furnishing goods, men's	2	10			
70	Furniture, cabinetmaking, repairing and upholstering	7	114	5	5	104
71	Furniture, chairs	7	718	16	9	718
72	Furniture, factory product	33	1,751	34	33	1,688
73	Galvanizing	1	50	2	2	50
74	Gas, illuminating and heating	11	610	39	26	610
75	Glass	2	2,030	20	22	2,030
76	Glass, cutting, staining, and ornamenting	6	114	5	5	106
77	Glue	1	750	9	3	750
78	Grease and tallow	6	151	7	9	151
79	Hand stamps	1	2			
80	Hardware	2	95	2	2	95
81	Hats and caps, not including wool hats	1	1			
82	High explosives	1	18	1	1	18
83	Hosiery and knit goods	3	10			5
84	House furnishing goods, not elsewhere specified	1	1			
85	Ice, artificial	2	200	4	2	200
86	Ink, printing	2	65	2	2	65
87	Instruments, professional and scientific	5	31			
88	Iron and steel	6	4,223	53	26	4,223
89	Iron and steel, bolts, nuts, washers, and rivets	5	585	7	10	585
90	Iron and steel, doors and shutters	1	20	1	1	20
91	Iron and steel, forgings	2	1,275	19	10	1,275
92	Iron and steel, nails and spikes, cut and wrought, including wire nails	1	1,800	16	15	1,800
93	Ironwork, architectural and ornamental	22	606	19	19	565
94	Ivory and bone work	1	4	1	1	4
95	Jewelry	6	28	3	2	20
96	Kaolin and other earth grinding	3	172	3	5	172
97	Labels and tags	2	7	2	2	7
98	Lamps and reflectors	2	55	1	1	45
99	Lard, refined	1	450	9	7	450
100	Lead, bar, pipe, and sheet	1	30	1	1	30
101	Leather goods	1	25	1	1	25
102	Leather, morocco	1	4	1	1	4
103	Leather, tanned and curried	10	360	13	10	355
104	Lightning rods	1	12	1	1	12
105	Lime and cement	9	335	11	10	335
106	Liquors, distilled	7	203	17	13	203
107	Liquors, malt	24	14,552	134	358	14,552
108	Liquors, vinous	4	112	5	5	112
109	Lithographing and engraving	6	99	2	2	65
110	Lock and gun smithing	3	7	2	2	6
111	Looking-glass and picture frames	9	146	5	5	137
112	Lumber and other mill products from logs or bolts	693	19,440	766	719	19,044
113	Lumber, planing mill products, including sash, doors, and blinds	74	4,630	85	73	4,430
114	Malt	11	217	12	11	217
115	Marble and stone work	17	579	21	20	579
116	Masonry, brick and stone	16	393	30	28	393
117	Matches	1	150	2	3	150
118	Mattresses and spring beds	9	487	12	11	487
119	Mineral and soda waters	28	158	27	28	157
120	Models and patterns	5	20	1	1	6
121	Monuments and tombstones	1	40	1	1	40
122	Mucilage and paste	3	32	1	1	15
123	Musical instruments and materials, not specified	2	5	1	1	1
124	Oil, castor	3	60	1	1	25
125	Oil, linseed	5	968	12	7	943
126	Oil, lubricating	3	66	2	2	56

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MISSOURI—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											47
						13		10			48
											49
											50
											51
						16					52
								1			53
						4					54
											55
							7	5			56
						4					57
						2		8			58
								3			59
						1					60
							2				61
											62
											63
						2					64
266	4,225	169	2,816	97	1,409					36	65
						5		15			66
						13	5	24		1	67
								4			68
						3	7				69
						3	7				70
											71
								63			72
											73
											74
											75
								8			76
											77
											78
							2				79
											80
						1					81
											82
						5					83
						1					84
											85
											86
						6		25			87
											88
											89
											90
											91
											92
							7	34			93
											94
						4	4				95
											96
											97
							10				98
											99
											100
											101
											102
								5			103
											104
											105
											106
											107
											108
						6	25			3	109
						1					110
						9					111
19	357	11	274	8	83			30			112
						20		180			113
											114
											115
											116
											117
											118
								1			119
						2		12			120
											121
								17			122
							4				123
								35			124
								25			125
								10			126

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

MISSOURI—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
127	Paints	20	1,965	38	27	1,965
128	Paper	1	100	2	2	100
129	Patent medicines and compounds	10	71	3	3	50
130	Paving and paving materials	4	360	8	10	360
131	Perfumery and cosmetics	1	1			
132	Photographic materials	2	95	5	6	95
133	Photolithographing and engraving	1	1			
134	Pickles, preserves, and sauces	6	141	7	7	138
135	Pipes, tobacco	4	67	3	3	65
136	Plastering and stuccowork	3	70	3	3	60
137	Plated and britannia ware	1	20	1	1	20
138	Plumbers' supplies	4	365	7	7	365
139	Plumbing and gas fitting	4	97	4	4	97
140	Printing and publishing, book and job	68	788	20	19	572
141	Printing and publishing, newspapers and periodicals	137	2,003	93	97	1,693
142	Printing materials	2	44			
143	Pulp from fiber, other than wood	1	350	4	1	350
144	Pumps, not including steam pumps	3	117	3	3	117
145	Refrigerators	3	445	3	3	445
146	Regalia and society banners and emblems	1	2			
147	Roofing and roofing materials	4	115	4	3	105
148	Saddlery and harness	20	318	5	7	52
149	Sausage	6	37	4	4	27
150	Saws	1	150	2	1	150
151	Scales and balances	1	15	1	1	15
152	Screws, machine	1	10			
153	Sewing machine repairing	1	5			
154	Shipbuilding	1	300	6	6	300
155	Shirts	5	33	1	1	14
156	Show cases	3	27			
157	Silk and silk goods	1	5	1	1	5
158	Slaughtering and meat packing, wholesale	39	1,437	54	52	1,427
159	Smelting and refining	2	17	3	2	17
160	Soap and candles	13	608	27	13	608
161	Springs, steel, car and carriage	1	35	2	1	35
162	Stamped ware	1	1,400	10	7	1,400
163	Steam fittings and heating apparatus	7	192	6	6	172
164	Stereotyping and electrotyping	2	44			
165	Sugar and molasses, refining	5	205	6	6	205
166	Tinfoil	1	75	2	1	75
167	Tinsmithing, coppersmithing, and sheet-iron working	15	273	10	11	206
168	Tobacco, chewing, smoking, and snuff	18	1,918	31	28	1,863
169	Tobacco, cigars and cigarettes	1	5	1	1	5
170	Tobacco, stemming and rehandling	1	10	1	1	10
171	Tools, not elsewhere specified	5	190	5	4	178
172	Trunks and valises	3	102	2	1	40
173	Type founding	2	100	5	3	100
174	Typewriters and supplies	1	30	1	1	30
175	Upholstery materials	4	167	4	4	167
176	Vinegar and cider	16	566	20	18	566
177	Washing machines and clothes wringers	1	8	1	1	8
178	Watch cases	1	7			
179	Watch, clock, and jewelry repairing	3	5			
180	Wire	2	1,075	10	9	1,075
181	Wirework, including wire rope and cable	5	312	3	3	275
182	Wood, turned and carved	13	376	10	10	366
183	Woodenware, not elsewhere specified	3	270	6	4	270
184	Woolen goods	35	835	28	27	743
185	Zinc	2	140	2	3	140

MONTANA.

1	All industries	94	2,848	83	72	2,105
2	Blacksmithing and wheelwrighting	1	10	1	1	10
3	Bottling	1	10	1	1	10
4	Brick and tile	7	265	8	7	265
5	Carriages and wagons, including custom work and repairing	1	7			
6	Cars and general shop construction and repairs by steam railroad companies	3	155	7	3	155
7	Cheese, butter, and condensed milk, factory product	1	4			
8	Confectionery	2	26	2	2	26
9	Flouring and grist mill products	7	311	2	2	65
10	Foundry and machine shop products	3	60	2	2	45
11	Gas, illuminating and heating	1	4	1	1	4
12	Liquors, malt	3	86	5	5	86
13	Lock and gun smithing	1	4	1	1	4
14	Lumber and other mill products from logs or bolts	30	1,489	33	27	1,136
15	Lumber, planing mill products, including sash, doors, and blinds	7	277	6	6	237
16	Printing and publishing, newspapers and periodicals	25	137	14	14	62
17	Tinsmithing, coppersmithing, and sheet-iron working	1	3			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

MISSOURI—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											127
											128
						7	2	12			129
						1					130
											131
											132
						1					133
						3					134
										2	135
								10			136
											137
											138
											139
						93	34	84		5	140
16	66	7	24	9	42	70	116	51	3	4	141
								44			142
											143
											144
											145
						2					146
							10				147
						33	52	161		20	148
								10			149
											150
											151
								10			152
								5			153
											154
						5	4	10			155
						27					156
											157
							10				158
											159
											160
											161
											162
								20			163
								44			164
											165
											166
						10	32	25			167
										55	168
											169
											170
								12			171
								62			172
											173
											174
											175
											176
											177
						7					178
						5					179
											180
						23		14			181
						3		7			182
											183
8	92	1	10	7	82						184
											185

MONTANA.

23	666	15	537	8	129	43	17	17			1
											2
											3
											4
							7				5
											6
1	4			1	4						7
											8
5	246	4	210	1	30						9
						15					10
											11
											12
											13
10	353	7	283	3	70						14
2	40	2	40								15
5	23	2	4	3	19	25	10	17			16
						3					17

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND NEBRASKA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	626	23,479	590	514	17,021
2	Agricultural implements	6	66	5	5	62
3	Ammunition	1	35	1	1	35
4	Bags, other than paper	1	75	1	1	75
5	Baking and yeast powders	1	25	1	1	25
6	Blacksmithing and wheelwrighting	17	112	16	16	106
7	Boots and shoes, factory product	1	10	1	1	10
8	Bottling	1	2	1	1	2
9	Boxes, cigar	2	29	1	1	25
10	Bread and other bakery products	5	191	6	6	191
11	Brick and tile	45	2,197	52	47	2,177
12	Brooms and brushes	1	2			
13	Carpentering	15	227	13	13	163
14	Carriages and wagons, including custom work and repairing	6	71	6	6	71
15	Cars and general shop construction and repairs by steam railroad companies	7	760	16	14	760
16	Cheese, butter, and condensed milk, factory product	47	441	47	48	441
17	Clay and pottery products	1	40	1	1	40
18	Clothing, men's, factory product	3	85			
19	Coffee and spice, roasting and grinding	1	50	1	1	50
20	Coffins, burial cases, and undertakers' goods	1	20	1	1	20
21	Confectionery	4	23	3	3	21
22	Cooperage	3	252	12	4	252
23	Cordage and twine	1	25	1	1	25
24	Dyeing and cleaning	3	18	3	3	18
25	Electroplating	1	1			
26	Flouring and grist mill products	184	9,283	76	73	3,763
27	Food preparations	1	40	1	1	40
28	Foundry and machine shop products	27	599	28	28	554
29	Fruits and vegetables, canning and preserving	7	260	10	6	250
30	Furniture, chairs	1	25	1	1	25
31	Furniture, factory product	1	50	1	1	50
32	Gas and lamp fixtures	1	12			
33	Gas, illuminating and heating	2	465	5	5	465
34	Grease and tallow	3	65	5	3	65
35	Hand stamps	1	5	1	1	5
36	Hardware	1	18	1	1	18
37	Hay and straw, baling	1	15	1	1	15
38	Jewelry	1	4			
39	Kaolin and other earth grinding	1	25	1	1	25
40	Kindling wood	1	20	1	1	20
41	Leather, tanned and curried	1	30	1	1	30
42	Liquors, distilled	1	170	8	3	170
43	Liquors, malt	7	458	16	13	458
44	Lock and gun smithing	1	3	1	1	3
45	Lumber and other mill products from logs or bolts	31	731	28	27	640
46	Lumber, planing mill products, including sash, doors, and blinds	21	1,004	20	21	918
47	Marble and stone work	3	50	3	3	50
48	Masonry, brick and stone	2	70	3	2	70
49	Mineral and soda waters	5	15	3	3	13
50	Models and patterns	1	10	1	1	10
51	Oil, linseed	1	180	3	1	180
52	Painting and paper hanging	1	2	1	1	2
53	Paints	4	290	8	4	290
54	Paper	3	435	3	2	175
55	Patent medicines and compounds	1	3	1	1	3
56	Paving and paving materials	2	185	4	5	185
57	Pickles, preserves, and sauces	1	10	1	1	10
58	Plumbing and gas fitting	3	38	4	3	38
59	Printing and publishing, book and job	13	168	8	7	131
60	Printing and publishing, newspapers and periodicals	83	610	63	62	479
61	Saddlery and harness	4	18	2	2	12
62	Safes and vaults	1	35	1	1	35
63	Sausage	1	85	3	2	70
64	Shirts	1	1			
65	Slaughtering and meat packing, wholesale	7	2,193	52	24	2,193
66	Smelting and refining	1	500	10	4	500
67	Soap and candles	3	110	3	3	110
68	Starch	1	60	1	1	60
69	Sugar and molasses, refining	2	25	2	2	25
70	Tinsmithing, coppersmithing, and sheet-iron working	1	30	1	1	30
71	Vinegar and cider	4	139	7	7	139
72	Washing machines and clothes wringers	1	6	1	1	6
73	Windmills	4	101	3	3	51
74	Wirework, including wire rope and cable	2	46	2	2	46
75	Woodenware, not elsewhere specified	1	25	1	1	25

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

NEBRASKA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
196	6,123	160	5,032	36	1,091	49	58	175	4	49	1
										4	2
											3
											4
											5
										6	6
											7
											8
								4			9
											10
2	20	2	20								11
						2					12
1	60			1	60					4	13
											14
											15
											16
											17
						10		75			18
											19
											20
						2					21
											22
											23
											24
								1			25
171	5,490	148	4,629	23	861					30	26
											27
1	45			1	45						28
						10					29
											30
											31
								12			32
											33
											34
											35
											36
											37
1	4			1	4						38
											39
											40
											41
											42
											43
											44
4	91	3	75	1	16						45
3	86	1	26	2	60						46
											47
											48
1	1			1	1			1			49
											50
											51
											52
											53
4	260	4	260								54
											55
											56
											57
											58
						5	32				59
6	16	1	2	5	14	16	26	67	4	2	60
						3				3	61
											62
								15			63
						1					64
											65
											66
											67
											68
											69
											70
											71
											72
2	50	1	20	1	30						73
											74
											75

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

NEVADA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	20	372	20	17	318
2	Cars and general shop construction and repairs by steam railroad companies	5	200	5	5	200
3	Chemicals	4	60	7	4	60
4	Coffee and spice, roasting and grinding	1	3	1	1	3
5	Foundry and machine shop products	1	8	1	1	8
6	Gas, illuminating and heating	1	20	1	1	20
7	Liquors, malt	1	4	1	1	4
8	Oil, lubricating	1	48			
9	Printing and publishing, newspapers and periodicals	4	17	3	3	15
10	Salt	1	4			
11	Soap and candles	1	8	1	1	8

NEW HAMPSHIRE.

1	All industries	1,351	116,830	1,010	729	46,888
2	Agricultural implements	12	457	1	1	50
3	Baskets and rattan and willow ware	1	8	1	1	8
4	Bicycle and tricycle repairing	1	8	1	1	8
5	Blacksmithing and wheelwrighting	25	317	13	13	140
6	Bookbinding and blank-book making	1	2			
7	Boot and shoe cut stock	5	88	5	4	82
8	Boots and shoes, factory product	51	2,036	51	42	1,529
9	Bottling	2	36	2	2	36
10	Boxes, fancy and paper	8	221	3	3	59
11	Boxes, wooden packing	28	1,281	14	13	516
12	Brass castings and brass finishing	1	12			
13	Bread and other bakery products	4	32	3	3	30
14	Brick and tile	10	383	10	10	383
15	Brooms and brushes	2	78			
16	Carpentering	21	566	7	6	181
17	Carriage and wagon materials	5	340	2	1	100
18	Carriages and wagons, including custom work and repairing	28	403	15	13	217
19	Cars and general shop construction and repairs by steam railroad companies	2	90	2	2	90
20	Cars, steam railroad, not including operations of railroad companies	1	100	4	2	50
21	Cheese, butter, and condensed milk, factory product	22	287	22	21	247
22	Clay and pottery products	1	25	1	1	25
23	Clothing, men's, factory product	7	47	2	2	25
24	Clothing, women's, factory product	1	15	1	1	15
25	Coffins, burial cases, and undertakers' goods	1	6			
26	Cooperage	3	165	3	2	155
27	Cotton goods	27	45,179	215	63	18,255
28	Cutlery and edge tools	10	801	5	3	385
29	Dentistry, mechanical	2	2			
30	Druggists' preparations, not including prescriptions	1	10			
31	Dyeing and finishing textiles	2	2,570	17	15	2,539
32	Electroplating	2	7			
33	Felt goods	2	183	3	2	85
34	Fertilizers	1	15			
35	Files	1	10			
36	Firearms	1	10	1	1	10
37	Flouring and grist mill products	121	6,412	23	22	841
38	Foundry and machine shop products	72	2,492	48	43	1,623
39	Fruits and vegetables, canning and preserving	2	15	3	2	15
40	Furniture, cabinetmaking, repairing and upholstering	4	47	1	1	20
41	Furniture, chairs	5	275	3	3	150
42	Furniture, factory product	22	1,604	15	12	795
43	Gas, illuminating and heating	7	192	9	10	192
44	Gloves and mittens	4	355			
45	Glue	1	40	3	1	40
46	Grease and tallow	1	25	1	1	25
47	Hardware	3	180	3	2	105
48	Hardware, saddlery	1	105	1	1	50
49	Hosiery and knit goods	32	2,317	19	10	369
50	House furnishing goods, not elsewhere specified	1	75			
51	Instruments, professional and scientific	1	50			
52	Iron and steel	1	890	25	12	890
53	Jewelry and instrument cases	1	42	1	1	42
54	Lasts	1	4	1	1	4
55	Leather goods	2	151	4	3	151
56	Leather, tanned and curried	15	987	22	18	790
57	Liquors, malt	1	25	2	1	25
58	Looking-glass and picture frames	2	6	1	1	2
59	Lumber and other mill products from logs or bolts	484	26,649	231	207	9,938
60	Lumber, planing mill products, including sash, doors, and blinds	32	1,393	22	19	864
61	Marble and stone work	1	4	1	1	4
62	Masonry, brick and stone	1	6	1	1	6
63	Mattresses and spring beds	2	46			
64	Mineral and soda waters	2	13	2	2	13
65	Models and patterns	2	13			
66	Monuments and tombstones	5	75	3	3	65

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

NEVADA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
2	6	1	2	1	4	.....	48	.....	.....	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	48	.....	.....	.....	8
1	2	1	2	.....	.....	.....	.....	.....	.....	.....	9
1	4	.....	.....	1	4	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11

NEW HAMPSHIRE.

1,437	68,842	864	54,787	573	14,055	42	3	764	191	100	1
16	407	7	227	9	180	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
14	173	8	111	6	62	.....	.....	4	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	5
1	6	.....	.....	1	6	.....	.....	.....	.....	.....	6
11	432	7	265	4	167	.....	.....	35	15	25	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
6	158	4	120	2	38	.....	.....	3	1	.....	9
27	740	16	443	11	297	.....	.....	25	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....	12
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
2	75	2	75	.....	.....	.....	.....	3	.....	.....	15
8	279	6	230	2	43	.....	.....	86	20	.....	16
7	240	7	240	.....	.....	.....	.....	.....	.....	.....	17
12	144	5	88	7	56	.....	.....	42	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
2	50	2	50	.....	.....	.....	.....	.....	.....	.....	20
2	40	1	10	1	30	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
3	14	1	10	2	4	4	.....	.....	.....	4	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
1	6	.....	.....	1	6	.....	.....	.....	.....	.....	25
1	10	1	10	.....	.....	.....	.....	.....	.....	.....	26
107	26,924	105	26,809	2	115	.....	.....	.....	.....	.....	27
14	412	12	384	2	28	.....	.....	4	.....	.....	28
2	2	.....	.....	2	2	.....	.....	.....	.....	.....	29
1	10	.....	.....	1	10	.....	.....	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31	31
.....	.....	.....	.....	.....	.....	.....	.....	4	3	.....	32
3	98	3	98	.....	.....	.....	.....	.....	.....	.....	33
1	15	1	15	.....	.....	.....	.....	.....	.....	.....	34
.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
258	5,551	125	3,329	133	2,222	.....	.....	.....	.....	20	37
28	716	15	358	13	358	.....	.....	130	23	.....	38
2	23	1	20	1	3	.....	.....	4	.....	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	125	.....	.....	40
17	759	10	485	7	274	.....	.....	50	.....	.....	41
5	355	2	160	3	195	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
3	75	3	75	.....	.....	.....	.....	.....	.....	.....	47
2	55	2	55	.....	.....	.....	.....	.....	.....	.....	48
40	1,948	34	1,635	6	313	.....	.....	.....	.....	.....	49
1	75	1	75	.....	.....	.....	.....	.....	.....	.....	50
1	50	1	50	.....	.....	.....	.....	.....	.....	.....	51
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
7	197	5	102	2	95	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	58
607	16,593	325	9,989	282	6,604	16	.....	47	55	.....	59
19	465	9	246	10	219	.....	.....	34	30	.....	60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
1	40	1	40	.....	.....	.....	.....	6	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
1	3	.....	.....	1	3	.....	.....	10	.....	.....	64
1	8	.....	.....	1	8	.....	.....	.....	2	.....	65
											66

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

NEW HAMPSHIRE—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
67	Musical instruments, organs and materials	1	40			
68	Musical instruments, pianos and materials	3	130	2	2	70
69	Needles and pins	5	109	2	2	60
70	Painting and paper hanging	1	4	1	1	4
71	Paper	12	3,605	14	11	690
72	Paper goods, not elsewhere specified	1	250	3	1	250
73	Patent medicines and compounds	1	4	1	1	4
74	Photography	1	5	1	1	5
75	Plumbing and gas fitting	4	26	2	2	19
76	Printing and publishing, book and job	20	101	11	11	80
77	Printing and publishing, newspapers and periodicals	56	334	34	33	209
78	Pulp, wood	3	1,490			
79	Saddlery and harness	3	49	1	1	10
80	Sausage	3	21	2	2	11
81	Saws	1	5			
82	Shoddy	3	80			
83	Silverware	1	40	1	1	40
84	Slaughtering and meat packing, wholesale	1	65	2	2	65
85	Soap and candles	2	28	2	2	28
86	Sporting goods	1	10	1	1	6
87	Starch	1	12			
88	Stationery goods, not elsewhere specified	1	15	1	1	15
89	Surgical appliances	5	41			
90	Tools, not elsewhere specified	4	92	1	1	6
91	Toys and games	2	25			
92	Trunks and valises	1	35			
93	Vinegar and cider	14	356	5	5	79
94	Watch and clock materials	1	48			
95	Watch, clock, and jewelry repairing	1	2			
96	Wheelbarrows	1	12	1	1	12
97	Wirework, including wire rope and cable	1	60	1	1	20
98	Wood, turned and carved	10	878	9	6	403
99	Woodenware, not elsewhere specified	7	361	5	5	161
100	Woolen goods	45	6,813	46	21	1,917
101	Worsted goods	4	1,406	12	8	485

NEW JERSEY.

1	All industries	2,734	180,529	3,526	3,073	158,718
2	Agricultural implements	15	266	13	13	131
3	Babbitt metal and solder	1	3			
4	Bagging, flax, hemp, and jute	1	47			
5	Bags, paper	2	24			
6	Baskets and rattan and willow ware	6	144	5	5	104
7	Belting and hose, leather	1	20	1	1	20
8	Belting and hose, linen	1	20	1	1	20
9	Belting and hose, rubber	5	1,165	16	8	1,085
10	Billiard tables and materials	1	30	1	2	30
11	Blacksmithing and wheelwrighting	12	85	10	10	79
12	Bone, ivory, and lamp black	1	25	1	1	25
13	Bookbinding and blank-book making	2	3			
14	Boot and shoe cut stock	1	1			
15	Boot and shoe uppers	2	2			
16	Boots and shoes, factory product	62	998	56	53	945
17	Boots and shoes, rubber	2	525	9	3	525
18	Bottling	8	46	9	8	46
19	Boxes, cigar	4	50	2	2	23
20	Boxes, fancy and paper	16	242	7	6	107
21	Boxes, wooden packing	14	410	14	12	350
22	Brass and copper, rolled	4	715	10	10	680
23	Brass castings and brass finishing	15	194	10	10	172
24	Brassware	3	113	2	1	100
25	Bread and other bakery products	19	249	14	14	227
26	Brick and tile	67	4,690	107	83	4,690
27	Bridges	3	186	6	8	181
28	Bronze castings	1	20	1	1	20
29	Brooms and brushes	6	22	2	2	7
30	Buttons	17	250	7	6	205
31	Card cutting and designing	4	7	1	1	2
32	Carpentering	60	1,245	45	43	1,060
33	Carpets and rugs, other than rag	6	420	6	7	160
34	Carriage and wagon materials	13	332	10	8	308
35	Carriages and sleds, children's	1	50	1	1	50
36	Carriages and wagons, including custom work and repairing	20	478	31	28	473
37	Cars and general shop construction and repairs by steam railroad companies	17	1,678	36	29	1,678
38	Cars, street railroad, not including operations of railroad companies	1	1			
39	Celluloid and celluloid goods	3	635	10	4	635
40	Cheese, butter, and condensed milk, factory product	16	145	15	15	139
41	Chemicals	32	4,845	107	104	4,815

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW HAMPSHIRE—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
2	40	2	40								67
2	60	2	60								68
2	47	1	33	1	14				2		69
											70
33	2,915	25	2,440	8	475						71
											72
											73
											74
								4	3		75
3	6			3	6	2	3		2	8	76
9	74			9	74	16		18	12	5	77
11	1,490	9	950	2	540						78
1	35			1	35			4			79
								10			80
									5		81
2	80	1	30	1	50						82
											83
											84
											85
1	4			1	4						86
1	12	1	12								87
											88
2	30	1	15	1	15			1	8	2	89
5	86	3	65	2	21						90
2	25	1	15	1	10						91
2	35	2	35								92
12	277	5	75	7	202						93
1	48	1	48								94
						2					95
											96
1	40			1	40						97
12	378	7	270	5	108			97			98
8	200	6	173	2	27						99
85	4,891	71	4,093	14	798					5	100
6	921	4	623	2	298						101

NEW JERSEY.

639	17,543	429	13,310	210	4,233	487	135	3,460	102	84	1
6	135	3	94	3	41						2
1	3			1	3						3
1	47	1	47								4
								24			5
2	40			2	40						6
											7
											8
4	80	4	80								9
											10
								2		4	11
											12
						1		2			13
								1			14
						1		1			15
						22	10	17		4	16
											17
											18
								27			19
1	34	1	34					98	3		20
								60			21
2	35	2	35								22
						5		17			23
								3	10		24
2	3			2	3	3	16				25
											26
						5					27
											28
								15			29
								45			30
						4			1		31
1	8	1	8			9	36	123			32
2	260	2	260								33
								24			34
											35
1	2			1	2			3			36
											37
								1			38
											39
1	3			1	3				3		40
						30					41

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

NEW JERSEY—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
42	Chocolate and cocoa products	1	10			
43	Clay and pottery products	45	2,447	66	51	2,285
44	Clocks	1	5			
45	Clothing, horse	1	6			
46	Clothing, men's, custom work and repairing	1	1			
47	Clothing, men's, factory product	7	101	6	5	89
48	Clothing, women's, factory product	6	53	2	2	26
49	Coffee and spice, roasting and grinding	4	82	3	3	72
50	Coffins, burial cases, and undertakers' goods	1	50	1	1	50
51	Confectionery	37	177	25	25	141
52	Cooperage	3	38	3	3	38
53	Cordage and twine	2	850	8	5	700
54	Cork, cutting	1	20	1	1	20
55	Corsets	9	137	5	4	120
56	Cotton goods	16	11,256	113	67	10,212
57	Crucibles	1	60	2	1	60
58	Cutlery and edge tools	14	432	11	8	360
59	Dyeing and cleaning	8	122	11	8	122
60	Dyeing and finishing textiles	39	7,380	139	199	7,605
61	Dye stuffs and extracts	4	497	32	12	497
62	Electrical apparatus and supplies	3	338	4	4	333
63	Electroplating	4	17			
64	Emery wheels	1	10	1	1	10
65	Enameled goods	1	6			
66	Engraving and diesinking	3	6			
67	Engraving, steel, including plate printing	3	86	2	3	85
68	Fancy articles, not elsewhere specified	3	73	1	1	60
69	Felt goods	2	346	10	5	330
70	Fertilizers	25	2,087	48	37	2,020
71	Files	5	455	9	4	440
72	Flouring and grist mill products	226	9,151	62	58	2,187
73	Food preparations	13	219	14	11	208
74	Foundry and machine shop products	233	11,790	259	271	10,689
75	Foundry supplies	1	30			
76	Fruits and vegetables, canning and preserving	32	1,364	59	36	1,362
77	Furniture, cabinetmaking, repairing and upholstering	4	29	1	1	10
78	Furniture, chairs	4	202	2	2	70
79	Furniture, factory product	12	246	11	9	205
80	Furs, dressed	1	24	2	1	12
81	Galvanizing	1	50	1	1	50
82	Gas and lamp fixtures	2	3			
83	Gas, illuminating and heating	29	777	51	47	777
84	Gas machines and meters	3	42	3	3	42
85	Gas stoves	2	35	3	3	35
86	Glass	34	1,127	48	51	1,127
87	Glass, cutting, staining, and ornamenting	3	13	1	1	8
88	Gloves and mittens	1	50	2	1	50
89	Glue	2	133	6	6	133
90	Gold and silver, reducing and refining, not from the ore	5	39	1	1	20
91	Grease and tallow	2	80	4	3	80
92	Gunpowder	1	200	2	1	200
93	Hand knit goods	1	15	1	1	15
94	Hand stamps	2	13	1	1	10
95	Hardware	22	592	13	11	534
96	Hardware, saddlery	29	520	17	11	460
97	Hat and cap materials	11	601	14	7	565
98	Hats and caps, not including wool hats	66	3,128	96	65	2,976
99	Hay and straw, baling	1	25	1	1	25
100	High explosives	4	283	9	11	283
101	Hosiery and knit goods	15	632	18	10	610
102	Horse furnishing goods, not elsewhere specified	1	30	1	1	30
103	Ice, artificial	1	120	2	2	120
104	Ink, printing	3	112	3	3	112
105	Ink, writing	2	10	2	2	10
106	Instruments, professional and scientific	9	165	6	6	153
107	Iron and steel	22	24,661	269	148	24,090
108	Iron and steel, bolts, nuts, washers, and rivets	1	250	12	2	250
109	Iron and steel, forgings	8	2,265	21	10	2,253
110	Iron and steel, nails and spikes, cut and wrought, including wire nails	3	2,030	54	23	1,880
111	Ironwork, architectural and ornamental	9	263	8	10	258
112	Ivory and bone work	4	105	3	3	100
113	Japanning	1	8	1	1	8
114	Jewelry	66	453	20	16	292
115	Jewelry and instrument cases	2	9	1	1	4
116	Jute and jute goods	5	1,087	11	7	952
117	Kaolin and other earth grinding	4	330	3	2	265
118	Kindling wood	5	65	5	5	65
119	Labels and tags	1	125	3	3	125
120	Lamps and reflectors	4	57	3	4	53
121	Lapidary work	1	2			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW JERSEY—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
								10			42
4	162	4	162								43
								5			44
										5	45
							1				46
						10		2			47
						6		21			48
								10			49
											50
2	4			2	4	19	7	1		5	51
											52
4	150	4	150								53
											54
								17			55
12	1,044	10	1,005	2	39						56
											57
4	91	3	90	1	1			41			58
4	355	3	335	1	20	10		10			59
											60
											61
								5			62
								17			63
											64
								5			65
						1		5			66
								1			67
1	12			1	12			1			68
1	16	1	16								69
3	67	1	32	2	35						70
								15			71
333	6,964	218	4,554	115	2,410						72
						1		10			73
28	878	22	612	6	266	11	3	157	27	25	74
2	30			2	30						75
1	2			1	2						76
1	2			1	2			17			77
5	132	2	70	3	62						78
1	30	1	30			5		6			79
2	12			2	12						80
											81
						2		1			82
											83
											84
											85
											86
								5			87
											88
											89
							14	5			90
											91
											92
											93
								3			94
						3		55			95
						2		58			96
2	27	2	27					9			97
								152			98
											99
											100
5	220	5	220			2					101
											102
											103
											104
											105
1	2			1	2			10			106
8	571	6	291	2	280						107
											108
								12			109
3	150	3	150								110
								5			111
								5			112
											113
								156		5	114
								5			115
2	135	2	135								116
2	65	2	65								117
											118
											119
						4					120
								2			121

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND NEW JERSEY—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
122	Lasts	1	25	1	1	25
123	Lead, bar, pipe, and sheet	1	60	1	1	60
124	Leather, dressed skins	8	145	6	6	135
125	Leather goods	5	92	5	4	87
126	Leather, morocco	4	780	10	6	780
127	Leather, patent and enameled	22	1,524	42	27	1,524
128	Leather, tanned and curried	26	661	28	25	624
129	Lime and cement	5	234	7	5	234
130	Liquors, distilled	2	18	2	2	18
131	Liquors, malt	30	5,807	84	80	5,782
132	Liquors, vinous	1	6	1	1	6
133	Lithographing and engraving	2	210	4	2	210
134	Lock and gun smithing	3	7	2	2	6
135	Looking-glass and picture frames	4	15	1	1	5
136	Lumber and other mill products from logs or bolts	101	3,201	66	54	1,942
137	Lumber, planing mill products, including sash, doors, and blinds	97	3,489	86	81	3,171
138	Malt	1	25	2	2	25
139	Marble and stone work	12	431	11	11	428
140	Masonry, brick and stone	9	239	12	12	239
141	Matches	2	45	1	1	25
142	Mats and matting	1	15	1	1	15
143	Mattresses and spring beds	5	59	3	3	50
144	Millinery and lace goods	4	56	4	3	55
145	Mineral and soda waters	15	115	13	14	109
146	Models and patterns	16	284	10	8	263
147	Monuments and tombstones	7	71	7	7	71
148	Mucilage and paste	2	25	2	2	25
149	Musical instruments and materials, not specified	1	6	1	1	6
150	Musical instruments, organs and materials	4	120	4	4	120
151	Musical instruments, pianos and materials	1	25	1	1	25
152	Needles and pins	1	20	1	1	20
153	Oakum	2	130	5	4	130
154	Oil, castor	1	150	2	1	150
155	Oil, lard	1	30	2	2	30
156	Oil, linseed	1	100	2	1	100
157	Oil, lubricating	1	50	4	3	50
158	Oilcloth, enameled	6	565	13	17	565
159	Oilcloth, floor	6	816	16	17	816
160	Optical goods	1	40	1	1	40
161	Paints	15	1,126	22	17	989
162	Paper	21	4,048	46	42	2,530
163	Paper goods, not elsewhere specified	3	155	3	2	130
164	Patent medicines and compounds	3	75	3	3	75
165	Paving and paving materials	2	150	4	5	150
166	Pencil cases	2	3			
167	Pencils, lead	1	300	6	3	300
168	Pens, steel	1	80	3	2	80
169	Perfumery and cosmetics	1	40	1	1	40
170	Petroleum, refining	4	11,036	99	220	11,036
171	Photographic apparatus	2	14	1	1	8
172	Photographic materials	1	12	1	1	12
173	Pickles, preserves, and sauces	6	161	9	6	161
174	Plastering and stuccowork	1	15	1	1	15
175	Plated and britannia ware	5	29	1	1	5
176	Plumbers' supplies	5	88	3	3	21
177	Plumbing and gas fitting	5	60	4	4	56
178	Pocketbooks	1	15	1	1	15
179	Printing and publishing, book and job	32	275	19	18	200
180	Printing and publishing, newspapers and periodicals	128	863	91	91	*700
181	Printing materials	1	20			
182	Pumps, not including steam pumps	2	8	1	1	4
183	Refrigerators	2	25	1	1	10
184	Roofing and roofing materials	4	350	7	5	342
185	Rubber and elastic goods	12	2,450	31	19	2,017
186	Rules, ivory and wood	2	4			
187	Saddlery and harness	8	56	2	2	45
188	Sausage	13	127	14	15	127
189	Saws	1	150	2	1	150
190	Scales and balances	2	47	1	1	40
191	Sewing machine cases	1	135	3	2	135
192	Sewing machines and attachments	2	1,785	28	17	1,750
193	Shipbuilding	18	1,060	31	33	1,060
194	Shirts	15	229	7	7	199
195	Shoddy	4	390	4	3	260
196	Silk and silk goods	127	10,093	142	194	7,910
197	Silverware	1	3			
198	Slaughtering and meat packing, wholesale	25	835	27	28	608
199	Smelting and refining	4	160	9	9	160
200	Soap and candles	8	960	21	12	960
201	Sporting goods	3	43	1	1	35

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW JERSEY—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											122
											123
								10			124
								5			125
											126
											127
1	12	1	12					25			128
											129
											130
						25					131
											132
											133
								1			134
							4	6			135
71	1,147	50	835	21	312			82		30	136
2	48	2	48					270			137
1	3			1	3						138
											139
								20			140
											141
							4	5			142
								1			143
1	4			1	4			2			144
								21			145
											146
											147
											148
											149
											150
											151
											152
											153
											154
											155
											156
											157
											158
											159
											160
5	137	3	77	2	60						161
27	1,518	23	1,348	4	170						162
								25			163
											164
											165
								3			166
											167
											168
											169
											170
								6			171
											172
											173
											174
								24			175
2	64	1	50	1	14			3			176
								4			177
											178
1	2			1	2	66	2			5	179
12	26	2	4	10	22	63	31	42		1	180
1	20	1	20								181
								4			182
1	15			1	15						183
								8			184
6	425	6	425			8					185
								4			186
						7		4			187
											188
											189
							7				190
											191
1	35	1	35								192
											193
1	2			1	2	4		24			194
4	130	4	130								195
17	1,058	15	1,040	2	18	128		942	55		196
								3			197
						15		212			198
											199
											200
						2		6			201

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

NEW JERSEY—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
202	Springs, steel, car and carriage	6	230	5	5	220
203	Stamped ware	22	590	12	10	540
204	Stationery goods, not elsewhere specified	1	7	1	1	7
205	Steam fittings and heating apparatus	6	353	9	6	353
206	Surgical appliances	4	23	3	3	22
207	Thread, linen	1	1,050	8	6	800
208	Tinsmithing, coppersmithing, and sheet-iron working	7	74	6	6	53
209	Tobacco, chewing, smoking, and snuff	4	78	3	3	60
210	Tobacco, cigars and cigarettes	1	4			
211	Tools, not elsewhere specified	20	245	5	4	137
212	Toys and games	4	22	2	2	10
213	Trunks and valises	7	469	14	8	469
214	Typewriters and supplies	2	7	1	1	4
215	Umbrellas and canes	3	79	3	3	78
216	Upholstery materials	4	107	5	3	106
217	Varnish	5	105	6	6	105
218	Vinegar and cider	7	70	6	7	64
219	Washing machines and clothes wringers	1	2	1	1	2
220	Watch and clock materials	5	54	2	2	29
221	Watch cases	4	88	2	2	75
222	Watches	2	90	2	2	90
223	Window shades	2	75	2	3	75
224	Wire	2	2,520	17	7	2,520
225	Wirework, including wire rope and cable	8	135	3	3	90
226	Wood, turned and carved	33	534	18	18	387
227	Woodenware, not elsewhere specified	1	2			
228	Woolen goods	21	3,773	63	24	2,982
229	Worsted good	6	1,290	15	7	1,260

NEW MEXICO.

1	All industries	56	1,825	48	46	1,492
2	Blacksmithing and wheelwrighting	1	2	1	1	2
3	Carpentering	1	10			
4	Cars and general shop construction and repairs by steam railroad companies	3	140	4	3	140
5	Flouring and grist mill products	18	498	5	5	223
6	Foundry and machine shop products	2	37	2	2	37
7	Lime and cement	1	150	2	1	150
8	Liquors, malt	2	70	3	4	70
9	Lumber and other mill products from logs or bolts	25	865	29	27	818
10	Lumber, planing mill products, including sash, doors, and blinds	2	52	2	3	52
11	Mineral and soda waters	1	1			

NEW YORK.

1	All industries	13,395	776,820	12,073	10,372	513,560
2	Agricultural implements	103	7,228	112	87	4,514
3	Ammunition	1	70	1	1	70
4	Artificial feathers and flowers	3	11	3	3	11
5	Artificial limbs	2	6			
6	Artists' materials	3	28			
7	Awnings, tents, and sails	4	10	1	1	6
8	Axle grease	4	45	4	4	45
9	Bagging, flax, hemp, and jute	1	230	2	2	230
10	Bags, other than paper	11	279	9	8	210
11	Bags, paper	5	132	2	2	50
12	Baking and yeast powders	8	286	10	6	265
13	Baskets and rattan and willow ware	15	376	16	14	361
14	Bells	2	19	1	1	1
15	Belting and hose, leather	17	451	13	12	350
16	Belting and hose, linen	3	241	4	3	191
17	Belting and hose, rubber	2	405			
18	Bicycle and tricycle repairing	1	2	1	1	2
19	Bicycles and tricycles	4	26	4	4	26
20	Billiard tables and materials	6	220	2	2	208
21	Blacking	8	227	3	3	160
22	Blacksmithing and wheelwrighting	63	655	39	41	377
23	Bluing	1	10	1	1	10
24	Bone, ivory, and lamp black	2	227	5	4	207
25	Bookbinding and blank-book making	94	1,126	18	12	645
26	Boot and shoe cut stock	11	178	3	2	120
27	Boot and shoe findings	5	21	1	1	12
28	Boot and shoe uppers	4	13			
29	Boots and shoes, factory product	141	4,239	85	72	2,708
30	Bottling	24	116	15	15	87
31	Boxes, cigar	47	1,601	31	26	1,228

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW JERSEY—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
								10			202
1	1			1	1	2		47			203
											204
											205
								1			206
1	250	1	250								207
						1		20			208
1	18	1	18								209
								4			210
						2		100			211
1	2	1	2					10			212
											213
								3			214
								1			215
						1					216
											217
								6			218
											219
								25			220
								13			221
											222
											223
											224
						7		38			225
3	32	1	7	2	25			112	3		226
1	2	1	2								227
21	791	12	505	9	286						228
1	30			1	30						229

NEW MEXICO.

18	323	10	202	8	121			10			1
											2
								10			3
13	275	8	182	5	93						4
											5
											6
											7
4	47	2	20	2	27						8
1	1			1	1						9
											10
											11

NEW YORK.

6,439	231,959	3,507	149,648	2,932	82,311	2,447	1,990	23,887	1,836	1,141	1
71	2,629	49	2,262	22	367			35	50		2
											3
											4
							6				5
							4	24			6
						4					7
											8
											9
1	50	1	50			9	10				10
1	25	1	25			45			12		11
1	2			1	2	15	4				12
								15			13
2	18	1	12	1	6						14
								101			15
						50					16
3	400	2	250	1	150			5			17
											18
											19
								12			20
						10		57			21
19	144	5	31	14	113	6	4	41	77	6	22
											23
1	20	1	20								24
						36	56	387		2	25
						1	1	38		12	26
								9			27
						1		12			28
5	687	5	687			6	17	817	4		29
7	13	6	12	1	1	1		15			30
5	135	3	75	2	60		7	210	16	5	31

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND NEW YORK—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
32	Boxes, fancy and paper	82	2,038	45	34	1,412
33	Boxes, wooden packing	90	5,485	75	58	4,117
34	Brass and copper, rolled	2	1,150	11	5	1,150
35	Brass castings and brass finishing	51	978	32	31	685
36	Brassware	31	677	13	10	421
37	Bread and other bakery products	87	1,940	74	72	1,499
38	Brick and tile	195	12,669	260	229	12,594
39	Bridges	13	1,225	38	36	1,095
40	Bronze castings	4	68	2	2	51
41	Brooms and brushes	40	537	27	27	493
42	Buttons	18	333	6	4	156
43	Calcium lights	3	13	1	1	6
44	Cardboard	4	188	2	2	175
45	Card cutting and designing	1	1			
46	Carpentering	235	5,622	128	123	3,351
47	Carpets and rugs, other than rag	14	7,615	70	28	6,010
48	Carpets, rag	1	2	1	1	2
49	Carpets, wood	2	210	3	2	210
50	Carriage and wagon materials	41	1,524	38	32	1,074
51	Carriages and sleds, children's	6	355	6	7	285
52	Carriages and wagons, including custom work and repairing	183	5,413	153	142	3,736
53	Cars and general shop construction and repairs by steam railroad companies	37	3,120	80	55	3,070
54	Cars and general shop construction and repairs by street railroad companies	1	25	1	1	25
55	Cars, steam railroad, not including operations of railroad companies	5	1,837	19	16	1,837
56	Cars, street railroad, not including operations of railroad companies	6	615	11	9	615
57	Celluloid and celluloid goods	2	170	3	2	170
58	Cheese and butter, urban dairy product	8	54	6	6	33
59	Cheese, butter, and condensed milk, factory product	681	5,060	722	714	4,694
60	Chemicals	85	12,471	190	147	12,305
61	Chocolate and cocoa products	4	395	6	4	375
62	Cigar molds	1	10			
63	Clay and pottery products	29	1,498	41	35	1,498
64	Cleansing and polishing preparations	1	7	1	1	7
65	Clock cases and materials	1	8	1	1	8
66	Clocks	6	187	3	2	48
67	Cloth, sponging and refinishing	4	178	5	4	178
68	Clothing, horse	1	3			
69	Clothing, men's, custom work and repairing	4	5	2	2	2
70	Clothing, men's, factory product	76	2,013	62	48	1,692
71	Clothing, men's, factory product, buttonholes	12	53			
72	Clothing, women's, factory product	60	732	30	27	478
73	Coffee and spice, roasting and grinding	63	2,671	58	63	2,282
74	Coffins, burial cases, and undertakers' goods	21	1,537	26	22	1,426
75	Collars and cuffs, paper	1	3			
76	Combs	3	175	5	4	125
77	Confectionery	155	2,132	83	77	1,855
78	Cooperage	67	1,740	63	57	1,394
79	Cordage and twine	11	5,265	44	21	4,980
80	Cordials and sirups	4	120	5	3	115
81	Cork, cutting	7	621	7	7	613
82	Corsets	14	272	10	8	242
83	Cotton goods	36	17,283	120	40	8,503
84	Cotton waste	2	21			
85	Cutlery and edge tools	69	2,283	27	25	1,025
86	Dentistry, mechanical	5	6			
87	Dentists' materials	4	131	4	3	120
88	Druggists' preparations, not including prescriptions	2	26	1	1	20
89	Drug grinding	4	380	7	4	380
90	Dyeing and cleaning	30	621	38	40	611
91	Dyeing and finishing textiles	41	12,770	156	186	12,545
92	Dye stuffs and extracts	12	3,931	55	24	3,510
93	Electrical apparatus and supplies	35	3,762	26	30	2,961
94	Electric light and power	139	59,512	368	330	47,432
95	Electroplating	51	409	7	7	112
96	Emery wheels	1	12			
97	Enameled goods	2	36	1	1	30
98	Enameling	1	15	1	1	15
99	Engravers' materials	5	37	1	1	12
100	Engraving and diesinking	14	156	2	1	50
101	Engraving, steel, including plate printing	7	614	5	3	510
102	Envelopes	9	90	3	3	47
103	Fancy articles, not elsewhere specified	19	507	8	7	385
104	Felt goods	11	1,757	24	22	970
105	Fertilizers	27	2,822	45	29	2,237
106	Files	20	484	9	8	357
107	Firearms	6	346	5	6	111
108	Fish, canning and preserving	2	215	3	2	215
109	Flags and banners	1	7			
110	Flavoring extracts	5	17	1	1	3
111	Flax, dressed	1	3			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW YORK—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
1	117	1	117			9	41	453	6		32
37	1,083	13	242	24	841	13		227	45		33
											34
1	8			1	8		5	280			35
						1		255			36
7	339	3	302	4	37	2	68	23		9	37
2	45	1	30	1	15			30			38
4	30	4	30							100	39
								17			40
						17	6	19		2	41
							10	167			42
								7			43
								13			44
								1			45
34	1,069	9	201	25	868	73	115	901	65	48	46
13	1,605	10	1,395	3	210						47
											48
											49
11	269	8	217	3	52			181			50
3	70	3	70								51
49	1,550	23	1,208	26	342	4		91	29	3	52
1	50			1	50						53
											54
											55
											56
											57
								21			58
29	366	7	162	22	204						59
28	63			28	63		10	93			60
								20			61
								10			62
											63
											64
											65
1	50	1	50					89			66
											67
							3				68
						1		2			69
3	42	1	40	2	2	100	24	150		5	70
						14	10	29			71
						20	72	162			72
1	125			1	125	11	10	243			73
2	41	2	41					70			74
							3				75
2	50	2	50								76
14	45	7	30	7	15	6	130	87	3	6	77
16	279	7	126	9	153			32	35		78
3	240	3	240			20		25			79
								5			80
								8			81
						5	20		5		82
48	8,780	41	8,020	7	760						83
1	15	1	15					6			84
106	1,026	102	793	4	233	6	3	191	30	2	85
4	5	1	1	3	4	1					86
								11			87
								6			88
											89
						1		9			90
5	225	5	225								91
8	420	3	120	5	300			1			92
2	123	2	123			562		116			93
74	12,080			74	12,080						94
						7	2	288			95
								12			96
								6			97
											98
								25			99
						2	14	90			100
								104			101
						15	1	27			102
1	80	1	80			-2	8	32			103
8	787	4	680	4	107						104
9	585	4	155	5	430						105
2	35	2	35					58	34		106
3	235	3	235								107
											108
								7			109
1	1			1	1	1		12			110
1	3			1	3						111

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

NEW YORK—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
112	Flouring and grist mill products	1,222	71,049	422	383	20,243
113	Food preparations	34	1,532	32	29	856
114	Foundry and machine shop products	941	34,390	771	730	27,312
115	Foundry supplies	4	295	5	4	240
116	Fruits and vegetables, canning and preserving	66	1,988	92	71	1,902
117	Fur goods	12	200	7	7	175
118	Furnishing goods, men's	29	441	8	5	242
119	Furniture, cabinetmaking, repairing and upholstering	63	1,340	27	26	506
120	Furniture, chairs	58	3,339	47	40	2,109
121	Furniture, factory product	202	8,802	166	138	6,919
122	Furs, dressed	10	290	10	9	240
123	Galvanizing	3	110	3	3	110
124	Gas and lamp fixtures	28	2,708	27	20	2,555
125	Gas, illuminating and heating	72	7,269	217	216	7,269
126	Gas machines and meters	1	8	2	1	8
127	Gas stoves	1	40	1	1	25
128	Glass	28	759	36	35	752
129	Glass, cutting, staining, and ornamenting	31	394	7	6	138
130	Gloves and mittens	48	421	16	15	299
131	Glucose	1	3,500	16	8	3,500
132	Glue	12	602	25	29	586
133	Gold and silver, leaf and foil	1	148			
134	Gold and silver, reducing and refining, not from the ore	6	59	2	2	28
135	Grease and tallow	9	159	10	10	159
136	Gunpowder	4	947	3	2	45
137	Hairwork	1	2	1	1	2
138	Hand knit goods	2	11	2	2	11
139	Hand stamps	8	21	3	3	11
140	Hardware	59	1,999	37	33	1,151
141	Hardware, saddlery	10	290	7	6	273
142	Hat and cap materials	16	332	8	7	255
143	Hats and caps, not including wool hats	28	1,378	46	32	1,353
144	Hay and straw, baling	4	81	3	3	71
145	High explosives	2	30	2	4	30
146	Hones and whetstones	2	54	2	2	54
147	Horseshoes, factory product	1	40	1	1	40
148	Hosiery and knit goods	169	15,678	173	123	8,415
149	House furnishing goods, not elsewhere specified	14	973	15	8	702
150	Ice, artificial	1	809	2	1	800
151	Ink, printing	11	382	6	4	285
152	Ink, writing	2	14	1	1	10
153	Instruments, professional and scientific	39	387	10	10	234
154	Iron and steel	43	33,195	360	135	30,145
155	Iron and steel, bolts, nuts, washers, and rivets	11	1,046	16	12	850
156	Iron and steel, forgings	14	1,372	42	16	1,372
157	Iron and steel, nails and spikes, cut and wrought, including wire nails	6	975	4	4	310
158	Iron and steel, pipes, wrought	3	385	5	11	245
159	Ironwork, architectural and ornamental	69	1,881	56	66	1,610
160	Ivory and bone work	17	334	5	3	195
161	Japanning	1	10			
162	Jewelry	48	247	9	9	107
163	Jewelry and instrument cases	10	65	2	2	27
164	Jute and jute goods	1	400	4	1	400
165	Kaolin and other earth grinding	12	885	14	12	805
166	Kindling wood	46	1,505	49	50	1,474
167	Labels and tags	12	45	1	1	10
168	Lamps and reflectors	29	1,169	14	12	886
169	Lapidary work	7	16	1	1	2
170	Lard, refined	3	650	7	6	650
171	Lasts	11	181	6	6	131
172	Lead, bar, pipe, and sheet	8	553	8	9	455
173	Leather, dressed skins	3	165	4	4	115
174	Leather goods	17	229	8	8	181
175	Leather, morocco	10	708	15	10	708
176	Leather, patent and enameled	1	130	8	1	100
177	Leather, tanned and curried	176	10,274	269	207	7,804
178	Lime and cement	34	7,295	112	69	6,718
179	Liquors, distilled	5	133	7	6	133
180	Liquors, malt	213	24,064	467	475	23,867
181	Liquors, vinous	2	35	3	2	35
182	Lithographing and engraving	57	1,832	26	23	1,443
183	Lock and gun smithing	11	39	7	7	30
184	Looking-glass and picture frames	29	750	23	18	666
185	Lumber and other mill products from logs or bolts	1,552	69,611	991	901	31,767
186	Lumber, planing mill products, including sash, doors, and blinds	516	35,588	530	437	30,226
187	Malt	59	2,172	66	74	1,875
188	Mantels, slate, marble, and marbleized	5	255	4	4	140
189	Marble and stone work	78	3,627	76	72	3,357
190	Masonry, brick and stone	42	3,157	88	79	3,090
191	Matches	2	50	2	2	50

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW YORK—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
2,380	50,492	1,330	31,717	1,050	18,775					314	112
7	593	6	583	1	10	2		71		10	113
124	4,150	90	3,110	34	1,034	125	15	2,495	278	15	114
3	55	1	10	2	45						115
2	46	1	18	1	30			40			116
						7		18			117
						13	22	164			118
11	259	4	73	7	186		4	551	15	5	119
28	1,066	16	759	12	307		1	123	40		120
37	1,118	24	910	13	206	2	19	711	35		121
								50			122
											123
						60	2	101			124
											125
											126
1	15			1	15						127
										7	128
							1	255			129
2	48	1	8	1	40	36	2	36			130
											131
1	3			1	3		13				132
								148			133
								22			134
											135
18	902	9	812	9	90						136
											137
											138
						6		3	1		139
8	444	7	394	1	50			247	152	5	140
						2		15			141
2	40			2	40			37			142
1	10			1	10		2	13			143
								10			144
											145
											148
											147
110	7,227	76	6,222	34	2,005	34	2				148
3	181	1	15	2	166	5		85			149
											150
						5		92			151
								4			152
1	40	1	40			8	2	103			153
35	3,050	16	1,700	19	1,350						154
2	196	2	196								155
											156
15	560	15	560			100		5			157
1	140			1	140						158
2	85	1	10	1	75	10	4	169	3		159
							2	137			160
								10			161
						29	19	80		12	162
						6		32			163
											164
3	80	3	80								165
								31			166
							2	33			167
1	100	1	100			5	7	146	25		168
						5		9			169
											170
								50			171
1	38	1	38					60			172
1	50			1	50						173
							7	21	8	12	174
											175
										30	176
92	2,460	30	720	62	1,740				10		177
13	377	4	160	9	217					200	178
											179
2	105	2	105			2				90	180
											181
						20	24	330		15	182
								9			183
2	65	2	65			1	17	61			184
1,587	37,673	741	20,397	816	17,276	20		74	65	12	185
106	3,848	53	1,057	53	2,191		80	1,226	192	16	186
11	247	6	222	5	25			50			187
1	90	1	90					25			188
4	70	3	60	1	10			200			189
1	2			1	2		10		55		190
											191

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND NEW YORK—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
192	Mats and matting	7	323	9	8	323
193	Mattresses and spring beds	26	573	20	20	462
194	Millinery and lace goods	40	649	19	16	308
195	Millinery, custom work	1	1			
196	Mineral and soda waters	72	641	65	55	467
197	Mirrors	13	401	8	6	313
198	Models and patterns	44	470	10	10	126
199	Monuments and tombstones	47	843	44	42	775
200	Mucilage and paste	4	106	4	4	106
201	Musical instruments and materials, not specified	13	137	4	4	57
202	Musical instruments, organs and materials	7	169	3	3	75
203	Musical instruments, pianos and materials	54	3,160	69	49	2,657
204	Needles and pins	5	39	2	2	28
205	Nets and seines	1	15			
206	Oil, castor	1	7			
207	Oil, cottonseed and cake	2	135	1	1	65
208	Oil, essential	5	124	4	4	121
209	Oil, illuminating, not including petroleum, refining	1	5			
210	Oil, lard	2	210	3	5	210
211	Oil, linseed	7	1,430	27	21	1,205
212	Oil, lubricating	9	91	7	7	66
213	Oil, resin	2	30	1	1	20
214	Oilcloth, enameled	2	85	5	3	85
215	Oilcloth, floor	6	677	18	30	662
216	Optical goods	4	247	5	3	238
217	Painting and paper hanging	6	54	4	4	41
218	Paints	62	4,772	90	53	4,258
219	Paper	127	58,735	183	160	10,645
220	Paper goods, not elsewhere specified	13	1,204	19	13	1,071
221	Paper hangings	15	1,709	37	18	1,693
222	Patent medicines and compounds	40	919	38	36	841
223	Paving and paving materials	27	1,520	52	60	1,520
224	Pencil cases	3	17			
225	Pencils, lead	3	410	8	3	410
226	Pens, fountain and stylographic	4	12			
227	Pens, gold	9	31			
228	Perfumery and cosmetics	13	172	4	5	90
229	Petroleum, refining	6	4,007	62	35	4,007
230	Photographic apparatus	9	115	2	1	30
231	Photographic materials	5	82	3	3	70
232	Photography	4	16	1	1	6
233	Photolithographing and engraving	10	98	1	2	40
234	Pickles, preserves, and sauces	17	541	13	13	377
235	Pipes, tobacco	14	552	6	5	462
236	Plastering and stuccowork	3	185	3	3	185
237	Plated and britannia ware	11	295	2	2	85
238	Plumbers' supplies	30	1,047	22	19	730
239	Plumbing and gas fitting	30	243	15	16	159
240	Pocketbooks	2	63	1	1	60
241	Printing and publishing, book and job	441	5,337	120	112	2,584
242	Printing and publishing, music	3	28	1	1	10
243	Printing and publishing, newspapers and periodicals	545	9,387	365	360	7,468
244	Printing materials	9	157	2	2	75
245	Printing, tin	1	4			
246	Pulp goods	4	250	2	2	90
247	Pulp, wood	25	17,135	7	4	100
248	Pulp from fiber other than wood	1	774	1	1	20
249	Pumps, not including steam pumps	16	137	7	7	71
250	Refrigerators	7	490	12	8	490
251	Regalia and society banners and emblems	4	28			
252	Registers, car fare	1	6			
253	Registers, cash	1	25	1	1	25
254	Rice, cleaning and polishing	3	475	6	3	475
255	Roofing and roofing materials	13	1,084	23	18	1,064
256	Rubber and elastic goods	9	397	8	14	351
257	Rubber, vulcanized	1	100	1	1	100
258	Rules, ivory and wood	3	36	2	2	20
259	Saddlery and harness	13	217	8	8	185
260	Safes and vaults	3	304	4	3	304
261	Salt	17	5,658	95	61	5,613
262	Sand and emery paper and cloth	2	226	3	2	225
263	Sausage	20	443	19	18	193
264	Saws	12	352	12	11	332
265	Scales and balances	11	304	9	8	266
266	Screws, machine	2	49	1	1	20
267	Sewing machine repairing	7	13			
268	Sewing machines and attachments	11	219	5	5	86
269	Shipbuilding	50	2,608	54	56	2,365
270	Shirts	64	1,770	32	26	1,273
271	Shoddy	12	763	10	6	310

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW YORK—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											192
4	97	3	87	1	10	1	7	4		2	193
						2	67	268		4	194
						1					195
4	83	2	76	2	7	1	38	40	2	10	196
							1	87			197
5	179	1	84	4	95		1	164			198
3	50	2	40	1	10	10		8			199
											200
							4	73		3	201
1	20	1	20				24	50			202
3	200	1	150	2	50			303			203
								6	5		204
								15			205
							7				206
								70			207
								3			208
								5			209
											210
3	225	3	225								211
								25			212
								10			213
											214
						15					215
								9			216
								13			217
4	240	4	240				7	217	50		218
543	48,022	404	40,021	139	8,001	68					219
						1	10	122			220
								16			221
2	23			2	23		30	19	6		222
											223
							7	10			224
											225
							4	8			226
						3	7	21			227
						16		66			228
											229
1	6			1	6	9	4	41	25		230
						2	10				231
1	5			1	5	1	4				232
2	11	2	11			7	14	26			233
								164			234
1	60	1	60					30			235
											236
1	150	1	150					60			237
6	225	6	225			6	5	81			238
2	4			2	4	7	18	53	2		239
							3				240
16	58	1	1	15	57	284	252	2,140	6	13	241
							6	12			242
106	728	18	197	88	531	101	152	773	39	126	243
2	58	2	58			3		21			244
							4				245
4	160	4	160								246
136	17,030	77	10,985	59	6,045					5	247
13	754			13	754						248
4	38	1	20	3	18			28			249
											250
						5		23			251
								6			252
											253
											254
						10	10				255
								46			256
											257
								16			258
1	1			1	1	6		25			259
											260
1	35	1	35							10	261
						1					262
3	120	3	120				10	120			263
								20			264
2	20	2	20				10	8			265
								4	25		266
						3		10			267
2	100	2	100					33			268
11	177	6	110	5	67			66			269
11	216	8	204	3	12	8	15	252	2	4	270
8	453	6	303	2	150						271

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND NEW YORK—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
272	Show cases	6	162	2	2	45
273	Silk and silk goods	126	6,660	114	71	5,152
274	Silversmithing	4	47	2	2	43
275	Silverware	5	129	5	3	120
276	Slaughtering and meat packing, wholesale	81	4,706	138	110	4,616
277	Soap and candles	68	3,948	91	84	3,589
278	Soda water apparatus	1	160	2	4	160
279	Sporting goods	18	203	6	6	58
280	Springs, steel, car and carriage	5	503	5	3	425
281	Stamped ware	23	880	19	13	750
282	Starch	15	2,349	21	12	959
283	Stationery goods, not elsewhere specified	36	485	18	14	390
284	Steam fittings and heating apparatus	38	2,272	43	38	1,788
285	Steam packing	5	173	4	6	143
286	Stencils and brands	3	8	.....	.....	.....
287	Stereotyping and electrotyping	19	163	.....	.....	.....
288	Sugar and molasses, refining	8	4,407	32	13	4,392
289	Surgical appliances	5	15	1	1	1
290	Taxidermy	1	8	1	1	8
291	Tinsmithing, coppersmithing, and sheet-iron working	63	1,968	50	43	1,775
292	Tobacco, chewing, smoking, and snuff	22	693	22	16	633
293	Tobacco, cigars and cigarettes	43	1,380	46	33	1,229
294	Tools, not elsewhere specified	39	1,302	19	19	479
295	Toys and games	25	691	15	13	476
296	Trunks and valises	5	126	5	5	126
297	Type founding	8	89	1	1	10
298	Typewriters and supplies	11	634	6	5	590
299	Umbrellas and canes	41	332	4	4	130
300	Upholstery materials	15	283	7	7	188
301	Varnish	17	646	18	19	623
302	Vault lights and ventilators	2	14	1	1	12
303	Vinegar and cider	110	1,956	88	93	1,468
304	Washing machines and clothes wringers	13	359	7	8	220
305	Watch and clock materials	3	7	.....	.....	.....
306	Watch cases	13	297	7	5	230
307	Watch, clock, and jewelry repairing	1	10	.....	.....	.....
308	Watches	1	10	.....	.....	.....
309	Wheelbarrows	5	67	3	3	44
310	Whips	5	76	4	4	73
311	Window shades	14	898	12	10	388
312	Wire	3	318	3	3	68
313	Wirework, including wire rope and cable	40	1,368	36	36	1,170
314	Wood, turned and carved	110	1,939	33	33	674
315	Woodenware, not elsewhere specified	15	865	5	4	188
316	Wool hats	5	1,074	14	6	650
317	Woolen goods	90	6,069	72	46	2,364
318	Worsted goods	13	3,896	40	23	3,165

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW YORK—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
							17	60	40		272
15	822	4	177	11	645	19	120	542		5	273
								4			274
						3		6			275
1	10			1	10	45		35			276
1	30	1	30					329			277
											278
5	98	4	38	1	60	4		43			279
3	75	3	75					3			280
						6		124			281
24	1,370	17	1,267	7	103	20					282
						32	10	53			283
2	330	2	330				10	54	90		284
								30			285
						1		7			286
						3		160			287
								15			288
						2	4	8			289
											290
1	15	1	15			15	50	105	8		291
						7	20	18	15		292
							20	131			293
12	565	10	520	2	45			220	30	8	294
							13	200		2	295
											296
						9		70			297
						2		42			298
						23	48	131			299
5	65	1	9	4	56	2		28			300
						8		15			301
						2					302
26	376	15	235	11	141			38	74		303
4	73	2	47	2	26			25	41		304
							1	6			305
						1		66			306
								10			307
								10			308
3	23	2	20	1	3						309
								3			310
3	456	3	456				10	44			311
								250			312
1	50	1	50			52	7	89			313
27	620	15	415	12	205		7	546	86	6	314
16	642	7	462	9	180			35			315
4	424	2	195	2	229						316
104	3,705	55	2,733	49	972						317
6	680	4	580	2	100	50	1				318

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

NORTH CAROLINA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	2,078	73,345	1,389	1,238	41,171
2	Agricultural implements	9	201	7	7	135
3	Blacksmithing and wheelwrighting	4	30	3	3	20
4	Boots and shoes, factory product	2	50	4	3	50
5	Boxes, fancy and paper	1	6	1	1	6
6	Boxes, wooden packing	5	141	5	6	141
7	Bread and other bakery products	1	4	1	1	4
8	Brick and tile	24	510	24	24	510
9	Carpentering	4	175	4	4	175
10	Carriage and wagon materials	1	15	1	1	15
11	Carriages and wagons, including custom work and repairing	19	384	17	20	356
12	Cars and general shop construction and repairs by steam railroad companies	5	283	7	7	283
13	Cars, steam railroad, not including operations of railroad companies	1	100	2	1	100
14	Chemicals	1	30	1	1	30
15	Clay and pottery products	1	5	1	1	5
16	Clothing, men's, custom work and repairing	1	2	1	1	2
17	Clothing, men's, factory product	1	4			
18	Confectionery	2	9	1	1	4
19	Cooperage	2	20	2	2	20
20	Cotton, ginning	71	1,014	64	64	886
21	Cotton goods	91	15,210	103	62	7,221
22	Cutlery and edge tools	2	23	2	2	23
23	Fertilizers	9	763	11	10	733
24	Flouring and grist mill products	983	25,693	230	252	5,673
25	Foundry and machine shop products	26	589	24	26	470
26	Furniture, cabinetmaking, repairing and upholstering	4	15	4	4	15
27	Furniture, chairs	1	20	1	1	20
28	Furniture, factory product	6	199	6	7	199
29	Gas, illuminating and heating	3	88	4	4	88
30	Hones and whetstones	1	10	1	1	10
31	Hosiery and knit goods	5	94	4	3	84
32	Ice, artificial	4	123	6	6	123
33	Iron and steel	1	75	4	2	70
34	Kaolin and other earth grinding	1	25			
35	Leather, tanned and curried	14	212	6	6	120
36	Lime and cement	1	2			
37	Liquors, distilled	5	113	5	6	113
38	Lumber and other mill products from logs or bolts	592	20,786	666	623	18,483
39	Lumber, planing mill products, including sash, doors, and blinds	41	1,505	49	47	1,505
40	Mattresses and spring beds	1	4	1	1	4
41	Mineral and soda waters	2	7	1	1	5
42	Monuments and tombstones	2	12	2	2	12
43	Oil, cottonseed and cake	10	1,165	22	16	1,165
44	Oil, lubricating	1	20	1	1	20
45	Paints	1	250			
46	Paper	1	600			
47	Paving and paving materials	1	45	2	2	45
48	Printing and publishing, book and job	7	24	1	1	4
49	Printing and publishing, newspapers and periodicals	24	113	16	16	84
50	Pulp, wood	1	200	3	3	200
51	Rice, cleaning and polishing	3	112	2	2	110
52	Shipbuilding	3	160	4	5	160
53	Silk and silk goods	1	60	1	1	60
54	Sugar and molasses, refining	1	20	1	1	20
55	Tobacco, chewing, smoking, and snuff	41	1,983	41	42	1,077
56	Tobacco, cigars and cigarettes	1	80	4	1	80
57	Upholstery materials	1	25	1	1	25
58	Wood, preserving	1	50	2	1	50
59	Wood, turned and carved	2	114	1	1	85
60	Woodenware, not elsewhere specified	1	100	2	3	100
61	Woolen goods	27	573	9	7	173

NORTH DAKOTA.

1	All industries	98	3,580	105	87	2,985
2	Blacksmithing and wheelwrighting	2	30	2	2	26
3	Brick and tile	3	42	3	3	42
4	Carpentering	1	2			
5	Cars and general shop construction and repairs by steam railroad companies	2	88	6	2	88
6	Cheese, butter, and condensed milk, factory product	10	80	10	10	80
7	Confectionery	1	2	1	1	2
8	Flouring and grist mill products	35	2,500	40	35	1,966
9	Foundry and machine shop products	5	46	4	4	31
10	Gas, illuminating and heating	2	20	2	2	20
11	Liquors, malt	1	20	2	1	20
12	Lumber and other mill products from logs or bolts	5	588	9	4	563
13	Lumber, planing mill products, including sash, doors, and blinds	1	30	1	1	30
14	Mineral and soda waters	1	20	1	1	20
15	Plumbing and gas fitting	1	4	1	1	4
16	Printing and publishing, newspapers and periodicals	28	117	23	20	93

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

NORTH CAROLINA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
1,903	31,812	612	16,090	1,291	15,722	44	42	82	5	189	1
5	66			5	66						2
1	10			1	10						3
											4
											5
											6
											7
											8
											9
											10
3	28	1	8	2	20						11
											12
											13
											14
											15
											16
							4				17
									5		18
											19
7	108	5	76	2	32			20			20
79	7,959	73	7,596	6	363	30					21
											22
2	30	2	30								23
1,612	19,874	461	6,309	1,151	13,565	14				132	24
6	107	3	47	3	60			12			25
											26
											27
											28
											29
											30
1	10			1	10						31
											32
1	5			1	5						33
1	25	1	25								34
8	92	1	1	7	91						35
1	2			1	2						36
											37
130	2,202	38	837	92	1,365			44		57	38
											39
											40
							2				41
											42
											43
											44
2	250	2	250								45
12	600	12	600								46
											47
1	1			1	1		19				48
3	6			3	6		17	0			49
											50
1	2			1	2						51
											52
											53
											54
1	6			1	6						55
											56
											57
											58
1	29	1	29								59
											60
25	400	12	282	13	118						61

NORTH DAKOTA.

16	540	11	407	5	133	2	12	27		23	1
										4	2
											3
										2	4
											5
											6
											7
15	534	11	407	4	127						8
										15	9
											10
											11
								25			12
											13
											14
											15
1	6			1	6	2	12	2		2	16

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND OHIO.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	7,216	418,783	8,931	7,703	382,301
2	Agricultural implements	99	8,377	171	122	8,182
3	Ammunition	3	110	3	3	110
4	Artists' materials	1	15	1	1	15
5	Awnings, tents, and sails	6	25			
6	Bags, other than paper	3	27	1	1	12
7	Bags, paper	6	114	3	2	37
8	Baking and yeast powders	3	29	3	3	29
9	Baskets and rattan and willow ware	5	144	5	5	144
10	Bellows	1	30	1	1	30
11	Bells	4	100	4	4	100
12	Belting and hose, leather	4	43	1	1	20
13	Bicycles and tricycles	2	87	1	1	85
14	Billiard tables and materials	1	28	1	1	28
15	Blacksmithing and wheelwrighting	28	271	25	25	234
16	Bookbinding and blank-book making	16	191	1	1	75
17	Boot and shoe cut stock	1	5			
18	Boot and shoe uppers	1	4			
19	Boots and shoes, factory product	42	1,033	33	26	854
20	Bottling	7	42	4	4	36
21	Boxes, cigar	18	239	10	10	188
22	Boxes, fancy and paper	10	205	4	4	152
23	Boxes, wooden packing	25	1,155	24	22	1,104
24	Brass castings and brass finishing	36	840	25	22	699
25	Brassware	3	42	2	2	35
26	Bread and other bakery products	53	1,273	55	53	1,046
27	Brick and tile	492	15,056	544	513	14,950
28	Bridges	10	537	17	12	502
29	Bronze castings	1	8	1	1	8
30	Brooms and brushes	13	386	13	12	358
31	Calcium lights	1	5			
32	Carpentering	70	1,701	54	54	1,458
33	Carriage and wagon materials	68	3,555	77	63	3,432
34	Carriages and sleds, children's	4	285	6	4	285
35	Carriages and wagons, including custom work and repairing	90	3,906	102	84	3,753
36	Cars and general shop construction and repairs by steam railroad companies	41	2,629	67	62	2,620
37	Cars and general shop construction and repairs by street railroad companies	2	80	1	1	30
38	Cars, steam railroad, not including operations of railroad companies	5	1,525	24	14	1,525
39	Celluloid and celluloid goods	1	2	1	1	2
40	Cheese and butter, urban dairy product	2	11	3	2	11
41	Cheese, butter, and condensed milk, factory product	157	1,673	201	203	1,673
42	Chemicals	15	406	15	11	360
43	Cigar molds	1	100	2	1	100
44	Clay and pottery products	84	6,023	154	113	5,943
45	Cloth, sponging and refinishing	2	13	3	2	13
46	Clothing, men's, custom work and repairing	2	5	1	1	3
47	Clothing, men's, factory product	28	292	12	16	234
48	Clothing, men's, factory product, buttonholes	2	2			
49	Clothing, women's, factory product	14	155	6	4	106
50	Coffee and spice, roasting and grinding	28	1,152	23	21	769
51	Coffins, burial cases, and undertakers' goods	10	872	19	12	807
52	Coke	3	170	6	6	170
53	Confectionery	31	431	19	18	375
54	Cooperage	29	1,527	41	40	1,482
55	Cordage and twine	9	1,765	21	11	1,765
56	Cordials and sirups	1	40	1	1	40
57	Cork, cutting	1	5	1	1	5
58	Corsets	2	2			
59	Cotton goods	7	1,025	15	15	975
60	Cutlery and edge tools	24	1,934	32	25	1,733
61	Dentistry, mechanical	3	3			
62	Druggists' preparations, not including prescriptions	1	1			
63	Drug grinding	1	40	1	1	40
64	Dyeing and cleaning	16	144	14	14	98
65	Dyeing and finishing textiles	2	43	2	1	43
66	Electrical apparatus and supplies	6	786	6	5	750
67	Electroplating	19	395	5	5	172
68	Enameled goods	1	8	1	1	8
69	Engraving and diesinking	1	1			
70	Engraving, wood	2	35	1	1	29
71	Felt goods	3	310	4	3	270
72	Fertilizers	18	1,355	42	31	1,355
73	Files	8	84	4	3	40
74	Fish, canning and preserving	1	10	1	1	10
75	Flavoring extracts	1	18	1	1	18
76	Flax, dressed	1	50	1	1	40
77	Flouring and grist mill products	903	51,963	758	674	34,361
78	Food preparations	10	328	12	9	325
79	Foundry and machine shop products	545	23,292	557	570	21,356
80	Foundry supplies	3	430	5	4	430
81	Fruit jar trimmings	1	40	1	1	40

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

OHIO.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
1,134	27,342	593	17,456	541	9,886	1,705	1,183	5,539	341	372	1
5	140	3	120	2	20			55			2
											3
											4
1	15			1	15	8	2				5
						5		10			6
						10		65		2	7
											8
											9
											10
											11
						15		8			12
								2			13
											14
3	33	3	33					4			15
						10	4	101		1	16
								5			17
							4				18
						19	48	112			19
1	2			1	2	3				1	20
1	4			1	4	4	4	39			21
						3		50			22
								51			23
						20	15	106			24
										7	25
5	191	3	180	2	11	33	3				26
1	8			1	8			98			27
						35					28
											29
1	5			1	5	10		13			30
								5			31
2	65			2	65	27	15	136			32
1	8			1	8	6	4	105			33
											34
3	62			3	62		20	66	5		35
											36
						50					37
											38
											39
											40
											41
							10	36			42
											43
1	80	1	80								44
											45
						2					46
1	12			1	12	22	18	6			47
						2					48
						17		32			49
						35	338	10			50
1	65	1	65								51
											52
						16	28	12			53
								45			54
											55
											56
											57
						2					58
2	50			2	50						59
1	123	1	123			28		50			60
						3					61
						1					62
											63
								46			64
											65
						25		8		3	66
						22		201			67
											68
						1					69
								6			70
1	40			1	40						71
											72
								44			73
											74
											75
1	10			1	10						76
805	17,512	407	9,751	398	7,761					90	77
								1			78
20	590	16	495	4	95	92	83	966	5	200	79
											80
											81

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

OHIO—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Fruits and vegetables, canning and preserving	25	593	34	28	593
83	Fur goods	1	70	2	2	60
84	Furnishing goods, men's	5	27	2	2	20
85	Furniture, cabinetmaking, repairing and upholstering	24	220	15	15	149
86	Furniture, chairs	23	1,160	27	20	1,057
87	Furniture, factory product	149	8,426	159	148	7,419
88	Galvanizing	1	10	1	1	10
89	Gas and lamp fixtures	4	110	4	4	110
90	Gas, illuminating and heating	50	1,241	64	74	1,241
91	Gas machines and meters	1	40			
92	Gas stoves	5	161	3	3	150
93	Glass	47	1,507	51	48	1,487
94	Glass, cutting, staining, and ornamenting	4	13	1	1	8
95	Glue	3	175	5	4	175
96	Gold and silver, reducing and refining, not from the ore	1	3			
97	Grease and tallow	4	78	5	4	78
98	Grindstones	6	158	9	11	158
99	Gunpowder	4	1,779	20	21	1,135
100	Hand stamps	3	6	1	1	4
101	Hardware	26	433	18	15	338
102	Hardware, saddlery	7	472	13	11	472
103	Hats and caps, not including wool hats	2	77	2	1	75
104	Hay and straw, baling	5	63	5	5	63
105	High explosives	2	85	2	4	85
106	Hosiery and knit goods	28	509	19	18	477
107	House furnishing goods, not elsewhere specified	6	101	4	4	61
108	Ice, artificial	10	838	15	19	810
109	Ink, printing	3	285	4	3	285
110	Instruments, professional and scientific	6	16	1	1	5
111	Iron and steel	93	91,975	1,061	570	91,875
112	Iron and steel, bolts, nuts, washers, and rivets	9	1,255	21	12	1,255
113	Iron and steel, forgings	11	811	28	25	805
114	Iron and steel, nails and spikes, cut and wrought, including wire nails	13	9,132	101	58	9,100
115	Iron and steel, pipe, wrought	1	900	10	18	900
116	Ironwork, architectural and ornamental	28	832	29	29	774
117	Jewelry	11	57			
118	Jewelry and instrument cases	1	6			
119	Kaolin and other earth grinding	5	334	6	5	334
120	Kindling wood	3	7	1	1	3
121	Lamps and reflectors	3	95	3	3	95
122	Lard, refined	2	70	2	2	70
123	Lead, bar, pipe, and sheet	3	110	3	3	110
124	Leather, patent and enameled	1	30	1	1	30
125	Leather, tanned and curried	66	2,732	80	69	2,732
126	Lime and cement	41	2,781	58	53	2,769
127	Liquors, distilled	12	1,718	71	35	1,718
128	Liquors, malt	96	11,693	209	191	11,583
129	Liquors, vinous	9	84	9	11	84
130	Lithographing and engraving	9	595	7	5	490
131	Lock and gun smithing	3	6	2	2	5
132	Looking-glass and picture frames	10	771	11	9	745
133	Lumber and other mill products from logs or bolts	1,310	46,641	1,433	1,406	44,757
134	Lumber, planing mill products, including sash, doors, and blinds	318	15,645	337	311	15,100
135	Malt	18	691	22	21	681
136	Mantels, slate, marble, and marbleized	5	100	5	5	100
137	Marble and stone work	32	1,087	36	38	1,067
138	Masonry, brick and stone	30	849	42	45	834
139	Matches	1	40	2	1	40
140	Mattresses and spring beds	9	49	6	6	39
141	Millinery and lace goods	2	13	2	2	13
142	Mineral and soda waters	17	153	15	15	137
143	Models and patterns	28	229	6	6	92
144	Monuments and tombstones	15	189	12	12	140
145	Mucilage and paste	3	11			
146	Musical instruments and materials, not specified	2	10	1	1	6
147	Musical instruments, organs and materials	2	130	3	2	130
148	Musical instruments, pianos and materials	2	135	3	2	135
149	Needles and pins	2	120	2	2	120
150	Oil, cottonseed and cake	1	125	4	1	125
151	Oil, essential	1	12	1	1	12
152	Oil, lard	2	25	2	2	25
153	Oil, linseed	14	1,050	17	12	920
154	Oil, lubricating	9	310	11	10	305
155	Oil, resin	1	20	1	1	20
156	Oleomargarine	2	39	2	2	30
157	Optical goods	5	11			
158	Painting and paper hanging	1	6	1	1	6
159	Paints	36	2,331	42	32	2,169
160	Paper	48	20,911	245	161	15,879
161	Paper goods, not elsewhere specified	2	5	1	1	4

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

OHIO—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											82
						10					83
						3	4				84
4	11			4	11	4		56			85
1	25			1	25	8		70			86
5	132	2	109	3	23	500		375			87
											88
											89
											90
									40		91
							5	6			92
							12	8			93
						1		4			94
											95
								3			96
											97
											98
26	602	26	602						42		99
						2					100
1	2	1	2				8	85			101
											102
								2			103
											104
											105
						15				17	106
								40			107
								28			108
											109
						4		7			110
2	100	2	100								111
											112
								6			113
								32			114
											115
3	58	3	58								116
						8	1	48			117
								6			118
											119
						2		2			120
											121
											122
											123
											124
											125
								10		2	126
											127
2	110			2	110						128
											129
						15		90			130
						1					131
						1		25			132
71	1,416	35	853	36	563	11	7	450			133
7	236	3	136	4	100	5	19	285			134
							10				135
											136
1	10			1	10		10				137
								15			138
											139
						2	8				140
											141
							7	9			142
						68		69			143
1	35	1	35				14				144
								11			145
								4			146
											147
											148
											149
											150
											151
											152
5	130	2	50	3	80						153
						5					154
											155
											156
						11					157
											158
1	40			1	40	2	55	65			159
57	4,547	50	4,200	7	347	10		250	225		160
						1					161

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND OHIO—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
162	Patent medicines and compounds	8	100	6	5	88
163	Paving and paving materials	16	395	17	17	395
164	Peos, gold	1	30	1	1	30
165	Perfumery and cosmetics	1	37	2	2	37
166	Petroleum, refining	13	6,442	89	63	6,442
167	Photography	1	3			
168	Photolithographing and engraving	4	6			
169	Pickles, preserves, and sauces	8	157	10	8	157
170	Plastering and stuccowork	2	27	2	2	27
171	Plated and britannia ware	1	60	1	1	60
172	Plumbers' supplies	5	110	3	3	80
173	Plumbing and gas fitting	14	233	11	11	217
174	Printing and publishing, book and job	169	2,052	66	59	1,563
175	Printing and publishing, newspapers and periodicals	362	3,217	231	220	2,525
176	Printing materials	1	1			
177	Pumps, not including steam pumps	20	593	21	21	589
178	Refrigerators	3	165	2	2	160
179	Regalia and society banners and emblems	3	144	2	2	90
180	Registers, cash	1	100	2	1	100
181	Roofing and roofing materials	13	185	11	11	150
182	Rubber and elastic goods	6	932	14	9	930
183	Rules, ivory and wood	2	14	1	1	4
184	Saddlery and harness	32	543	23	22	481
185	Safes and vaults	11	1,036	16	12	1,031
186	Salt	9	561	25	27	561
187	Sausage	13	153	14	14	153
188	Saws	9	462	11	8	427
189	Scales and balances	2	80	2	2	80
190	Screws, machine	1	200	2	1	200
191	Screws, wood	2	450	6	2	450
192	Sewing machine cases	1	185	2	2	185
193	Sewing machines and attachments	3	480	6	5	480
194	Shipbuilding	10	1,329	49	63	1,329
195	Shirts	7	19	2	1	5
196	Shoddy	3	670	8	3	640
197	Show cases	5	82	2	2	60
198	Slaughtering and meat packing, wholesale	59	1,718	81	75	1,714
199	Smelting and refining	1	8	1	1	8
200	Soap and candles	32	1,584	78	42	1,584
201	Sporting goods	2	30	2	2	30
202	Springs, steel, car and carriage	5	605	5	5	605
203	Stamped ware	8	651	6	7	560
204	Starch	3	840	20	11	840
205	Stationery goods, not elsewhere specified	7	189	5	6	178
206	Steam fittings and heating apparatus	11	437	14	13	437
207	Stencils and brands	2	3			
208	Stereotyping and electrotyping	5	61	1	1	10
209	Straw goods, not elsewhere specified	1	5	2	1	5
210	Sugar and molasses, refining	9	84	8	8	80
211	Surgical appliances	2	7			
212	Tinsmithing, coppersmithing, and sheet-iron working	21	526	14	15	414
213	Tobacco, chewing, smoking, and snuff	18	803	19	16	746
214	Tobacco, cigars and cigarettes	5	84	3	5	80
215	Tobacco, stemming and rehandling	1	7	1	1	7
216	Tools, not elsewhere specified	20	1,109	22	22	1,029
217	Toys and games	3	110	2	2	100
218	Trunks and valises	5	193	4	4	190
219	Type founding	3	154	3	3	148
220	Umbrellas and canes	7	57	3	3	52
221	Upholstery materials	12	378	12	12	358
222	Varnish	4	105	5	4	105
223	Vinegar and cider	61	1,025	61	59	982
224	Washing machines and clothes wringers	5	136	5	4	86
225	Watch cases	1	180	3	1	180
226	Watch, clock, and jewelry repairing	8	63			
227	Watches	2	225	3	2	225
228	Wheelbarrows	7	652	13	13	650
229	Whips	3	57	1	1	20
230	Windmills	3	114	3	3	114
231	Window shades	2	29	1	1	25
232	Wire	1	4,000	22	18	4,000
233	Wirework, including wire rope and cable	12	578	14	12	569
234	Wood, turned and carved	44	1,240	32	31	1,108
235	Woodenware, not elsewhere specified	10	808	12	10	808
236	Woolen goods	63	2,056	61	47	1,544

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

OHIO—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
						12					162
											163
											164
											165
											166
						3					167
						1		5			168
											169
											170
											171
						30					172
							5	11			173
7	21	1	5	6	16	144	93	222	1	8	174
39	163	12	55	27	108	107	260	144	6	12	175
								1			176
								4			177
								5			178
						54					179
											180
						10		25			181
								2			182
								10			183
						18	20	18		6	184
								5			185
											186
											187
						20		10	5		188
											189
											190
											191
											192
											193
											194
						12		2			195
						30					196
						14		8			197
1	4			1	4						198
											199
											200
											201
											202
							35	56			203
											204
								11			205
											206
								3			207
						4		47			208
											209
								4			210
						7					211
1	3			1	3	4	14	91			212
1	5			1	5			32		20	213
						1				3	214
											215
1	30	1	30					50			216
								10			217
						3					218
								6			219
						4		1			220
1	20	1	20								221
											222
3	28			3	28			15			223
								50			224
											225
2	3			2	3	7		53			226
											227
								2			228
1	25	1	25						12		229
											230
								4			231
											232
						5		4			233
3	59	1	40	2	19			73			234
											235
30	512	16	280	14	223						236

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

OKLAHOMA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	11	161	11	11	161
2	Lumber and other mill products from logs or bolts	8	148	8	8	148
3	Printing and publishing, newspapers and periodicals	3	13	3	3	13

OREGON.

1	All industries	664	32,545	650	590	22,430
2	Awnings, tents, and sails	2	48	2	2	48
3	Babbitt metal and solder	1	3			
4	Blacksmithing and wheelwrighting	4	32	4	4	32
5	Bookbinding and blank-book making	2	17	1	1	12
6	Boots and shoes, factory product	1	15	1	1	15
7	Boxes, wooden packing	1	240	3	2	200
8	Brass castings and brass finishing	1	8	1	1	8
9	Bread and other bakery products	3	48	3	3	48
10	Brick and tile	17	320	18	17	318
11	Bridges	3	109	5	5	82
12	Brooms and brushes	1	6	1	1	6
13	Carpentering	7	260	7	7	282
14	Carriage and wagon materials	1	10	1	1	10
15	Carriages and wagons, including custom work and repairing	5	94	5	5	94
16	Cars and general shop construction and repairs by steam railroad companies	5	370	17	8	370
17	Cars and general shop construction and repairs by street railroad companies	2	475	3	3	175
18	Cheese, butter, and condensed milk, factory product	8	56	8	8	56
19	Clay and pottery products	1	75	3	1	75
20	Coffee and spice, roasting and grinding	2	27	2	2	27
21	Confectionery	3	68	3	3	68
22	Cordage and twine	1	250	3	1	250
23	Fish, canning and preserving	14	419	23	26	419
24	Flouring and grist mill products	86	4,521	31	28	1,435
25	Foundry and machine shop products	20	527	19	20	418
26	Fruits and vegetables, canning and preserving	2	57	2	2	32
27	Furniture, cabinetmaking, repairing and upholstering	3	32	2	2	22
28	Furniture, chairs	2	43			
29	Furniture, factory product	9	554	9	8	331
30	Gas, illuminating and heating	1	10	1	1	10
31	Grease and tallow	1	40	1	1	40
32	Hardware	1	12	1	1	12
33	Ice, artificial	4	904	5	5	860
34	Iron and steel	1	1,000	4	1	1,000
35	Leather, tanned and curried	10	158	6	6	95
36	Liquors, malt	7	736	11	20	736
37	Lumber and other mill products from log or bolts	289	16,169	322	273	12,417
38	Lumber, planing mill products, including sash, doors, and blinds	40	1,168	28	29	748
39	Masonry, brick and stone	10	102	11	11	102
40	Mattresses and spring beds	2	34			
41	Mineral and soda waters	1	5	1	1	5
42	Oil, illuminating, not including petroleum, refining	1	50	2	2	50
43	Paints	1	60	1	1	60
44	Paper	2	1,450	4	3	260
45	Paving and paving materials	3	61	3	3	61
46	Printing and publishing, book and job	15	163	13	13	146
47	Printing and publishing, newspapers and periodicals	39	183	31	30	151
48	Pumps, not including steam pumps	1	6	1	1	6
49	Roofing and roofing materials	1	20	1	1	20
50	Saddlery and harness	1	6	1	1	6
51	Saws	1	15			
52	Shipbuilding	5	485	9	9	485
53	Slaughtering and meat packing, wholesale	6	97	8	7	97
54	Smelting and refining	1	35	1	1	35
55	Soap and candles	2	33	2	2	33
56	Steam fittings and heating apparatus	1	40	1	1	40
57	Upholstery materials	2	187	1	1	7
58	Vinegar and cider	1	20	1	1	20
59	Woodenware, not elsewhere specified	1	95	2	2	95
60	Woolen goods	6	487			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

OKLAHOMA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											1
											2
											3

OREGON.

276	9,280	175	7,413	101	1,867	37	2	301	189	306	1
											2
								3			3
											4
								3	2		5
											6
								40			7
											8
											9
1	2			1	2						10
						15		12			11
											12
1	8			1	8						13
											14
											15
											16
										300	17
											18
											19
											20
											21
											22
											23
90	3,086	56	2,359	34	727						24
3	68	2	65	1	3			6	35		25
2	25			2	25						26
1	10			1	10						27
1	20	1	20						23		28
4	138	2	88	2	50			65	20		29
											30
											31
											32
1	40			1	40	4					33
											34
5	63	3	33	2	30						35
											36
137	3,710	89	2,783	48	927	6			30	6	37
9	220	8	208	1	12			145	55		38
											39
								12	22		40
											41
											42
											43
6	1,190	6	1,190								44
											45
2	17			2	17						46
5	16			5	16	12	2		2		47
											48
											49
											50
								15			51
											52
											53
											54
											55
											56
2	180	2	180								57
											58
6	487	6	487								59
											60

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND PENNSYLVANIA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	12,091	986,789	17,996	13,751	894,007
2	Agricultural implements	72	2,481	69	63	2,099
3	Ammunition	2	105	3	4	105
4	Artificial feathers and flowers	1	25	1	1	25
5	Artificial limbs	1	5	1	1	5
6	Artists' materials	6	40	2	2	30
7	Awnings, tents, and sails	1	1			
8	Axle grease	2	21	2	2	21
9	Babbitt metal and solder	2	46	2	2	46
10	Bags, other than paper	4	802	9	4	800
11	Bags, paper	8	423	9	7	233
12	Baskets and rattan and willow ware	4	66	4	4	66
13	Bells	1	8	1	1	8
14	Belting and hose, leather	4	46	2	2	35
15	Belting and hose, linen	1	75	1	1	75
16	Belting and hose, rubber	2	460	5	2	460
17	Bicycles and tricycles	3	35	2	2	33
18	Blacking	7	126	6	6	111
19	Blacksmithing and wheelwrighting	66	576	51	50	467
20	Bluing	1	15	1	1	15
21	Bone, ivory, and lamp black	7	94	9	9	94
22	Bookbinding and blank-book making	37	316	10	9	157
23	Boot and shoe cut stock	3	19	1	1	10
24	Boot and shoe findings	3	13	2	2	9
25	Boot and shoe uppers	2	2			
26	Boots and shoes, factory product	92	1,656	69	61	1,319
27	Boots and shoes, rubber	1	300	5	1	300
28	Bottling	38	260	32	32	226
29	Boxes, cigar	75	958	69	68	912
30	Boxes, fancy and paper	32	501	24	23	410
31	Boxes, wooden packing	44	1,717	45	39	1,661
32	Brass	2	9	2	2	9
33	Brass and copper, rolled	1	871	6	4	871
34	Brass castings and brass finishing	41	817	39	35	790
35	Brassware	8	117	4	4	86
36	Bread and other bakery products	91	1,335	84	84	1,304
37	Brick and tile	257	14,189	356	313	14,130
38	Bridges	13	1,428	41	36	1,428
39	Bronze castings	2	105	3	4	105
40	Brooms and brushes	19	143	14	21	124
41	Buttons	11	148	4	4	105
42	Calcium lights	3	6	2	2	5
43	Card cutting and designing	3	11	1	1	6
44	Carpentering	94	1,797	84	80	1,658
45	Carpets and rugs, other than rag	90	8,898	140	75	8,866
46	Carpets, rag	6	42	3	3	26
47	Carpets, wood	1	35	1	1	35
48	Carriage and wagon materials	44	2,249	55	45	2,164
49	Carriages and sleds, children's	3	47	3	3	47
50	Carriages and wagons, including custom work and repairing	105	1,707	95	91	1,614
51	Cars and general shop construction and repairs by steam railroad companies	53	9,988	210	184	9,746
52	Cars and general shop construction and repairs by street railroad companies	3	70	4	4	70
53	Cars, steam railroad, not including operations of railroad companies	15	2,854	58	43	2,804
54	Cheese and butter, urban dairy product	12	87	12	12	83
55	Cheese, butter, and condensed milk, factory product	281	3,378	301	304	3,267
56	Chemicals	48	5,860	156	108	5,788
57	Chocolate and cocoa products	2	237	2	1	225
58	Clay and pottery products	33	1,907	49	35	1,851
59	Cleansing and polishing preparations	2	20	1	1	15
60	Cloth, sponging and refinishing	2	60	2	2	60
61	Clothing, horse	1	10	1	1	10
62	Clothing, men's, custom work and repairing	4	10	1	1	1
63	Clothing, men's, factory product	44	1,030	37	33	784
64	Clothing, men's, factory product, buttonholes	2	4			
65	Clothing, women's, factory product	19	241	10	11	189
66	Coffee and spice, roasting and grinding	59	1,069	59	56	1,023
67	Coffins and burial cases, trimming and finishing	3	20	2	2	15
68	Coffins, burial cases, and undertakers' goods	8	365	11	10	345
69	Coke	37	3,228	110	71	3,228
70	Combs	6	89	4	4	69
71	Confectionery	96	1,462	95	91	1,437
72	Cooperage	24	688	27	26	685
73	Cordage and twine	15	2,932	35	17	2,755
74	Cork, cutting	8	588	10	8	585
75	Corsets	1	5			
76	Cotton goods	143	15,664	289	135	13,455
77	Cotton waste	11	323	11	10	315
78	Crucibles	4	215	7	6	215
79	Cutlery and edge tools	41	1,394	25	22	809
80	Dentistry, mechanical	1	1	1	1	1
81	Dentists' materials	5	82	5	3	75

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

PENNSYLVANIA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
4,671	82,462	2,289	46,112	2,382	36,350	2,162	919	6,855	72	312	1
23	360	12	210	11	150			22			2
											3
											4
											5
						5		5			6
						1					7
											8
											9
								2			10
1	40	1	40					150			11
											12
											13
1	6			1	6			5			14
											15
											16
						2					17
								15			18
15	107	4	42	11	65	1		1			19
											20
											21
						13	14	132			22
							7	2			23
								4			24
								2			25
2	112			2	112	4	25	196			26
											27
1	4			1	4	24		6			28
2	13	1	8	1	5	1		32			29
1	12	1	12			2	17	60			30
						5		51			31
											32
											33
								27			34
						1		30			35
5	18			5	18		13				36
3	43			3	43				6	10	37
											38
											39
1	6	1	6			2	2	5	4		40
								43			41
								1			42
							1	4			43
1	12	1	12			30	27	65		5	44
1	25			1	25		7				45
2	15			2	15	1					46
											47
4	44	2	18	2	26			41			48
											49
8	45	4	23	4	22	1		45		2	50
1	75			1	75	167					51
											52
						50					53
							4				54
10	111	7	63	3	48						55
18	28			18	28	22		22			56
								12			57
1	50	1	50					6			58
								5			59
											60
											61
						6		3			62
						189	46	11			63
						1		3			64
						14	15	23			65
							21	25			66
1	5	1	5								67
								20			68
											69
								20			70
						5	1	13		6	71
										3	72
4	170	4	170					7			73
								3			74
								5			75
25	1,193	17	938	8	255	153		848	15		76
								8			77
											78
19	532	18	528	1	4		4	47		2	79
											80
						2	2	3			81

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND PENNSYLVANIA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Druggists' preparations, not including prescriptions	1	1			
83	Drug grinding	1	100	4	1	100
84	Dyeing and cleaning	17	270	18	17	252
85	Dyeing and finishing textiles	65	8,314	212	259	8,244
86	Dye stuffs and extracts	8	1,265	49	24	1,250
87	Electrical apparatus and supplies	7	343	6	6	331
88	Electroplating	21	271	9	9	221
89	Emery wheels	2	296	3	3	130
90	Enameled goods	1	2			
91	Enameling	1	2			
92	Engravers' materials	3	16			
93	Engraving and diesinking	5	12			
94	Engraving, steel, including plate printing	3	14	1	1	3
95	Engraving, wood	1	6	1	1	6
96	Envelopes	9	114	6	5	100
97	Fancy articles, not elsewhere specified	5	26	1	1	6
98	Felt goods	3	280	4	5	280
99	Fertilizers	40	2,595	56	45	2,382
100	Files	14	1,734	23	13	1,715
101	Firearms	2	12	1	1	6
102	Flavoring extracts	1	30	1	1	30
103	Flouring and grist mill products	2,219	78,478	863	743	28,132
104	Food preparations	13	203	10	10	173
105	Foundry and machine shop products	803	34,280	928	1,068	32,231
106	Foundry supplies	3	390	9	5	330
107	Fruit jar trimmings	2	330	3	3	330
108	Fruits and vegetables, canning and preserving	19	482	30	22	450
109	Fur goods	1	4	1	1	4
110	Furnishing goods, men's	10	100	5	5	43
111	Furniture, cabinetmaking, repairing and upholstering	58	751	41	41	647
112	Furniture, chairs	18	708	17	15	616
113	Furniture, factory product	116	4,555	132	104	4,403
114	Galvanizing	4	260	5	4	250
115	Gas and lamp fixtures	15	594	11	6	450
116	Gas, illuminating and heating	59	1,332	87	85	1,332
117	Gas machines and meters	8	184	6	6	175
118	Glass	90	14,928	221	289	14,848
119	Glass, cutting, staining, and ornamenting	18	100	7	7	40
120	Glue	9	1,585	40	23	1,585
121	Gold and silver, leaf and foil	4	174	4	2	165
122	Gold and silver, reducing and refining, not from the ore	2	102	3	6	100
123	Graphite	1	16	1	1	16
124	Grease and tallow	9	336	12	9	331
125	Grindstones	1	40	2	2	40
126	Gunpowder	14	2,471	53	39	1,437
127	Hand stamps	5	15	2	2	6
128	Hardware	29	1,444	28	27	1,383
129	Hardware, saddlery	10	149	7	7	134
130	Hat and cap materials	2	135	4	2	135
131	Hats and caps, not including wool hats	20	368	22	22	346
132	Hay and straw, baling	6	183	8	9	183
133	High explosives	5	61	7	5	49
134	Hooks and eyes	1	5			
135	Horseshoes, factory product	1	250	5	3	250
136	Hosiery and knit goods	171	5,200	162	140	5,090
137	House furnishing goods, not elsewhere specified	7	108	6	6	101
138	Ice, artificial	5	505	11	10	505
139	Ink, printing	8	212	11	8	209
140	Ink, writing	1	8	1	1	8
141	Instruments, professional and scientific	28	147	9	9	78
142	Iron and steel	280	404,871	4,716	2,272	403,237
143	Iron and steel, bolts, nuts, washers, and rivets	15	2,319	36	27	2,167
144	Iron and steel, doors and shutters	1	6	1	1	6
145	Iron and steel, forgings	15	2,553	41	26	2,198
146	Iron and steel, nails and spikes, cut and wrought, including wire nails	30	18,153	256	112	17,733
147	Iron and steel, pipe, wrought	14	10,676	138	129	10,676
148	Ironwork, architectural and ornamental	50	1,359	55	51	1,324
149	Ivory and bone work	7	110	3	3	94
150	Japanning	1	50	1	2	50
151	Jewelry	19	202	3	3	22
152	Jewelry and instrument cases	3	15	2	2	14
153	Kaolin and other earth grinding	23	1,035	31	27	885
154	Kindling wood	21	911	27	25	911
155	Labels and tags	3	15	1	1	8
156	Lamps and reflectors	6	35	1	1	7
157	Lard, refined	1	50	1	1	50
158	Lasts	5	41	2	2	27
159	Lead, bar, pipe, and sheet	3	105	4	4	105
160	Leather goods	4	19	1	1	6
161	Leather, morocco	33	2,014	44	41	1,967

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

PENNSYLVANIA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
1	1			1	1						82
											83
								18			84
1	70			1	70						85
1	15			1	15						86
							2	10			87
						2		47		1	88
2	166	2	166								89
							2				90
						2					91
								16			92
							7	5			93
								11			94
											95
								14			96
						6	8	2		4	97
											98
14	213	11	190	3	23						99
2	16	1	10	1	6			3			100
								6			101
											102
3,167	50,141	1,561	26,524	1,606	23,617		35			170	103
							10	20			104
29	629	19	479	10	150	437	72	806	25	20	105
											106
											107
2	32			2	32						108
											109
						38	1	18			110
2	9			2	9	7	5	83			111
2	80			2	80			12			112
1	25	1	25			10	7	110			113
											114
							3	131			115
											116
								9			117
3	70	3	70				10				118
							2	58			119
											120
								9			121
						2					122
											123
								5			124
											125
50	1,034	46	782	4	252						126
1	2			1	2			7			127
3	15	3	15			3		43			128
								15			129
											130
						2	1	19			131
											132
1	12			1	12						133
								5			134
											135
3	65	2	50	1	15	3	42				136
								7			137
											138
								3			139
											140
						9	19	41			141
37	1,634	21	899	16	735						142
2	150	2	150				2				143
											144
								355			145
7	420	7	420								146
											147
						7		28			148
								16			149
											150
						9	7	164			151
							1				152
3	150	3	150								153
											154
								7			155
								28			156
											157
								14			158
											159
								13			160
						25		22			161

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

PENNSYLVANIA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
162	Leather, patented and enameled	1	125	1	1	125
163	Leather, tanned and curried	276	14,807	550	405	14,387
164	Lightning rods	2	28	2	2	28
165	Lime and cement	25	1,726	45	39	1,670
166	Liquors, distilled	34	1,258	59	52	1,205
167	Liquors, malt	140	13,907	298	332	13,829
168	Lithographing and engraving	18	263	9	8	183
169	Lock and gun smithing	12	30	7	7	20
170	Looking-glass and picture frames	12	71	7	6	26
171	Lumber and other mill products from logs or bolts	1,852	76,698	1,950	1,700	62,878
172	Lumber, planing mill products, including sash, doors, and blinds	452	18,832	500	433	17,676
173	Malt	10	230	12	13	230
174	Mantels, slate, marble, and marbleized	3	45	3	3	45
175	Marble and stone work	37	1,408	43	42	1,164
176	Masonry, brick and stone	38	1,399	99	94	1,399
177	Matches	7	108	7	7	108
178	Mats and matting	1	6	1	1	6
179	Mattresses and spring beds	17	326	17	16	321
180	Millinery and lace goods	11	43	5	5	27
181	Mineral and soda waters	24	146	19	22	127
182	Mirrors	2	25	1	1	20
183	Models and patterns	26	198	5	5	97
184	Monuments and tombstones	17	151	14	14	132
185	Mucilage and paste	6	39	5	3	28
186	Musical instruments and materials, not specified	11	85	4	4	59
187	Musical instruments, organs and materials	8	195	6	6	162
188	Musical instruments, pianos and materials	3	210	3	2	150
189	Needles and pins	6	46	4	4	40
190	Oil, essential	4	33	2	2	10
191	Oil, lard	1	12	1	1	12
192	Oil, linseed	5	441	7	7	425
193	Oil, lubricating	12	552	15	21	492
194	Oil, resin	1	6	1	1	6
195	Oilcloth, floor	1	330	11	10	330
196	Oleomargarine	1	10	1	1	10
197	Optical goods	16	94	4	4	49
198	Painting and paper hanging	4	16	1	1	4
199	Paints	69	5,973	121	105	5,262
200	Paper	72	21,972	263	187	18,995
201	Paper goods, not elsewhere specified	7	52	5	5	47
202	Paper hangings	8	533	17	6	520
203	Patent medicines and compounds	20	260	15	14	201
204	Paving and paving materials	15	1,403	39	43	1,403
205	Pens, steel	1	10			
206	Perfumery and cosmetics	6	108	4	4	106
207	Petroleum, refining	49	8,448	216	173	8,448
208	Photographic materials	2	27	1	2	24
209	Photography	1	15	1	1	15
210	Photolithographing and engraving	6	22			
211	Pickles, preserves, and sauces	13	752	24	19	752
212	Pipes, tobacco	4	113	4	3	103
213	Plated and britannia ware	11	72	3	3	45
214	Plumbers' supplies	14	505	16	14	499
215	Plumbing and gas fitting	22	222	21	21	209
216	Pocketbooks	2	43	2	2	43
217	Printing and publishing, book and job	265	2,329	134	124	1,568
218	Printing and publishing, music	4	57	1	1	40
219	Printing and publishing, newspapers and periodicals	434	4,753	309	308	4,024
220	Printing materials	5	55	4	4	50
221	Printing, tin	1	4	1	1	4
222	Pulp, wood	2	700	12	8	700
223	Pulp from fiber other than wood	1	40	1	1	40
224	Pumps, not including steam pumps	6	152	6	6	152
225	Refrigerators	5	155	6	5	155
226	Regalia and society banners and emblems	2	0	1	1	5
227	Registers, car fare	1	5			
228	Roofing and roofing materials	11	189	8	9	143
229	Rubber and elastic goods	6	693	10	7	692
230	Saddlery and harness	8	69	7	6	55
231	Safes and vaults	7	219	5	5	203
232	Salt	2	350	6	5	350
233	Sand and emery paper and cloth	2	65	2	2	65
234	Sausage	6	80	6	6	80
235	Saws	7	1,330	24	16	1,330
236	Scales and balances	3	32	2	2	28
237	Screws, machine	2	10			
238	Screws, wood	1	15			
239	Sewing machine repairing	3	8			
240	Sewing machines and attachments	8	304	6	4	269
241	Shipbuilding	9	3,367	25	29	3,315

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

PENNSYLVANIA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											162
36	418	10	113	26	305		2				163
2	56			2	56						164
5	53	4	41	1	12						165
											166
1	3			1	3	75					167
						27	19	34			168
						5		5			169
						4		41			170
714	13,781	312	7,223	402	6,558			25	14		171
41	930	26	620	15	310			174		52	172
											173
											174
6	225	6	225					19			175
											176
											177
											178
								5			179
						8	4	4			180
4	9			4	9	3	7				181
								5			182
								101			183
2	9	1	4	1	5			10			184
								11			185
						1	3	22			186
							33				187
								60			188
								6			189
2	23	1	20	1	3						190
											191
2	16			2	16						192
								60			193
											194
											195
											196
						14	14	17			197
								7		5	198
20	651	12	520	8	131	20		40			199
80	2,956	62	2,405	18	551	21					200
						2		3			201
								13			202
1	4	1	4			1	11	43			203
											204
							10				205
							1	1			206
											207
								3			208
											209
						15	4	3			210
											211
								10			212
						9		18			213
								6			214
						6	7				215
											216
6	20	1	2	5	18	182	67	486	1	5	217
								17			218
79	242	6	17	73	225	213	91	168	7	8	219
								5			220
											221
											222
											223
											224
											225
						1					226
								5			227
							1	45			228
										1	229
							14				230
								16			231
											232
											233
											234
											235
								4			236
								10			237
								15			238
						3		5			239
								35			240
3	50	1	30	2	20		2				241

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

PENNSYLVANIA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
242	Shirts	22	373	15	14	339
243	Shoddy	18	1,296	24	17	1,256
244	Show cases	3	55	3	3	55
245	Silk and silk goods	59	5,957	88	51	5,343
246	Silversmithing	1	4			
247	Silverware	5	62	3	3	49
248	Slaughtering and meat packing, wholesale	112	2,790	121	121	2,605
249	Smelting and refining	1	80	1	2	80
250	Soap and candles	42	1,372	57	46	1,324
251	Soda water apparatus	2	58	3	3	58
252	Sporting goods	3	27	2	2	25
253	Springs, steel, car and carriage	7	207	6	5	182
254	Stamped ware	12	246	11	10	225
255	Starch	1	35	1	1	35
256	Stationery goods, not elsewhere specified	23	872	18	14	770
257	Steam fittings and heating apparatus	18	1,072	22	21	1,051
258	Steam packing	14	76	6	6	43
259	Stencils and brands	1	6	1	1	6
260	Stereotyping and electrotyping	7	64	1	1	25
261	Straw goods, not elsewhere specified	1	10	1	1	10
262	Sugar and molasses, refining	8	13,362	81	82	13,342
263	Surgical appliances	5	81	2	3	62
264	Tinsmithing, coppersmithing, and sheet-iron working	34	376	21	20	310
265	Tobacco, chewing, smoking, and snuff	5	235	6	6	200
266	Tobacco, cigars and cigarettes	39	409	36	32	385
267	Tools, not elsewhere specified	55	2,302	63	54	2,192
268	Toys and games	10	544	11	10	537
269	Trunks and valises	5	29	3	3	14
270	Type founding	3	116	3	3	116
271	Typewriters and supplies	1	5			
272	Umbrellas and canes	24	713	17	14	617
273	Upholstery materials	15	462	19	13	420
274	Varnish	5	116	5	4	115
275	Vinegar and cider	20	306	18	17	274
276	Washing machines and clothes wringers	8	299	9	10	289
277	Watch cases	6	286	4	3	260
278	Watch, clock, and jewelry repairing	4	5			
279	Wheelbarrows	1	50	1	2	50
280	Whips	7	56	5	5	35
281	Windmills	1	10	1	1	10
282	Window shades	1	10	1	1	10
283	Wire	7	10,612	78	43	10,372
284	Wirework, including wire rope and cable	24	1,021	21	21	678
285	Wood, turned and carved	68	1,611	51	46	1,209
286	Woodenware, not elsewhere specified	7	382	9	8	358
287	Wool hats	17	1,156	28	19	1,066
288	Woolen goods	259	21,847	363	204	18,269
289	Worsted goods	41	15,848	267	98	15,618

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

PENNSYLVANIA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
						0	20	5			242
1	15			1	15	25					243
											244
1	300	1	300				12	302			245
							4				246
								13			247
						23		162			248
											249
								48			250
											251
1	2	1	2								252
								25			253
								21			254
											255
3	59	1	21	2	38	7		36			256
								21			257
								33			258
											259
						11		28			260
											261
						20					267
							14	5			26
1	8			1	8	4	25	29			26
							35				265
1	2			1	2	3	1	12		6	266
7	61	5	49	2	12	2		47			267
						5	2				268
							10	5			269
											270
								5			271
2	42			2	42	3	20	31			272
								42			273
								1			274
3	32	1	2	2	30						275
							10				276
							17	9			277
2	3			2	3	1		1			278
											279
						1		20			280
											281
											282
7	240	2	40	5	200						283
4	312	4	312			2	10	19			284
11	258	6	150	5	108			144			285
								24			286
6	90	3	39	3	51						287
129	3,427	63	1,818	66	1,609	132	7			12	288
4	190	2	100	2	90	40					289

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND RHODE ISLAND.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	926	112,949	1,346	852	83,477
2	Agricultural implements	1	25	1	1	25
3	Awnings, tents, and sails	2	17			
4	Baskets and rattan and willow ware	1	15			
5	Belting and hose, leather	3	47	3	2	45
6	Bicycle and tricycle repairing	2	5			
7	Blacksmithing and wheelwrighting	9	115	4	4	64
8	Bookbinding and blank-book making	3	7	1	1	4
9	Boot and shoe findings	2	27	1	1	25
10	Boots and shoes, factory product	2	26	1	1	24
11	Boots and shoes, rubber	1	1,500	15	4	1,500
12	Bottling	3	11	2	2	10
13	Boxes, fancy and paper	4	37	3	3	35
14	Boxes, wooden packing	3	260	4	3	260
15	Brass castings and brass finishing	5	44	5	5	44
16	Brassware	2	51	2	1	50
17	Bread and other bakery products	5	77	3	3	70
18	Brick and tile	2	280	8	3	280
19	Bridges	1	14	2	2	14
20	Broome and brushes	5	54	3	2	40
21	Buttons	3	21			
22	Carpentering	22	355	12	11	258
23	Carriage and wagon materials	3	36	2	2	16
24	Carriages and wagons, including custom work and repairing	12	92	10	10	64
25	Cars and general shop construction and repairs by steam railroad companies	2	56	2	2	56
26	Cheese, butter, and condensed milk, factory product	2	17	2	2	17
27	Chemicals	4	155	5	5	155
28	Clothing, women's, factory product	1	2			
29	Coffee and spice, roasting and grinding	3	62	2	2	52
30	Coffins, burial cases, and undertakers' goods	2	24	1	1	20
31	Collars and cuffs, paper	1	10	1	1	10
32	Confectionery	8	64	4	4	33
33	Cordage and twine	3	175	3	3	130
34	Corsets	1	2			
35	Cotton goods	94	57,184	391	138	37,291
36	Cotton waste	2	75	2	2	35
37	Cutlery and edge tools	1	1			
38	Dyeing and cleaning	5	29	4	4	28
39	Dyeing and finishing textiles	21	10,823	135	182	10,535
40	Dye stuffs and extracts	2	250	2	2	160
41	Electrical apparatus and supplies	2	108	1	1	100
42	Electroplating	9	36			
43	Enameled goods	1	80	2	1	80
44	Enameling	2	3			
45	Fancy articles, not elsewhere specified	3	52	2	2	48
46	Files	6	434	7	4	420
47	Flouring and grist mill products	31	1,159	11	11	600
48	Food preparations	1	2	1	1	2
49	Foundry and machine shop products	94	4,287	111	71	3,935
50	Foundry supplies	1	40	1	1	40
51	Fruits and vegetables, canning and preserving	1	36	1	1	36
52	Furniture, cabinetmaking, repairing and upholstering	5	25	1	1	15
53	Furniture, factory product	3	30	1	1	15
54	Gas and lamp fixtures	3	19	1	1	10
55	Gas, illuminating and heating	6	302	12	12	302
56	Gas stoves	1	1			
57	Glass, cutting, staining, and ornamenting	1	1			
58	Gold and silver, reducing and refining, not from the ore	8	154	6	6	133
59	Grease and tallow	3	310	7	4	310
60	Hand stamps	1	3			
61	Hardware	4	186	4	3	185
62	Hats and caps, not including wool hats	1	75	4	1	75
63	Hooks and eyes	1	50	1	1	50
64	Horseshoes, factory product	1	2,500	21	10	2,500
65	Hosiery and knit goods	15	1,052	19	11	1,010
66	Instruments, professional and scientific	1	3	1	1	3
67	Iron and steel, bolts, nuts, washers, and rivets	2	125	5	3	125
68	Iron and steel, forgings	1	50	1	1	50
69	Iron and steel, nails and spikes, cut and wrought, including wire nails	2	8	1	1	6
70	Ironwork, architectural and ornamental	2	16	1	1	15
71	Ivory and bone work	3	5			
72	Jewelry	125	723	18	13	292
73	Kindling wood	1	4	1	1	4
74	Lapidary work	1	2			
75	Lead, bar, pipe, and sheet	1	16	1	1	16
76	Leather, dressed skins	1	2			
77	Leather goods	1	2			
78	Leather, tanned and curried	5	205	8	4	200
79	Lime and cement	3	47	3	3	47
80	Liquors, malt	3	175	6	4	175
81	Lithographing and engraving	1	44			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

RHODE ISLAND.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
344	27,197	270	21,837	74	5,360	295	18	1,850	61	51	1
											2
3	15			3	15	2					3
1	15			1	15						4
								2			5
						3		2			6
2	35	2	35			2			14		7
						2		1			8
								2			9
								2			10
											11
						1					12
								2			13
											14
											15
								1			16
						7					17
											18
											19
								9	5		20
								21			21
						8		89			22
1	20			1	20						23
						20				8	24
											25
											26
											27
						2					28
									10		29
1	4	1	4								30
											31
1	8			1	8	1		22			32
1	45	1	45								33
						2					34
166	19,813	140	16,612	26	3,201			75	5		35
1	40			1	40						36
							1				37
						1					38
5	288	4	258	1	30						39
2	90	2	90								40
								8			41
								36			42
											43
								3			44
								4			45
								14			46
24	529	19	451	5	78					30	47
4	92	3	77	1	15	12	2	232	10	4	49
											50
											51
1	1			1	1			9			52
								15			53
								9			54
											55
								1			56
								1			57
								21			58
											59
						3					60
								1			61
											62
											63
											64
2	42	1	40	1	2						65
											66
											67
											68
								2			69
								1			70
								5			71
						9		419		3	72
											73
								2			74
											75
								2			76
						2					77
								5			78
											79
											80
								44			81

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND RHODE ISLAND—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Lock and gun smithing	4	11	1	1	3
83	Looking-glass and picture frames	1	1			
84	Lumber and other mill products from logs or bolts	27	997	13	13	478
85	Lumber, planing mill products, including sash, doors, and blinds	22	796	24	21	781
86	Marble and stone work	3	33	3	3	33
87	Masonry, brick and stone	1	8	1	1	8
88	Mineral and soda waters	6	24	4	4	18
89	Models and patterns	5	22	1	1	10
90	Monuments and tombstones	1	8	1	1	8
91	Musical instruments, organs and materials	1	10			
92	Nets and seines	1	6			
93	Oil, cottonseed and cake	1	70	4	2	70
94	Oil, lubricating	3	41	3	3	41
95	Oleomargarine	3	119	2	2	109
96	Ordnance and ordnance stores	1	15			
97	Paints	4	87	3	3	80
98	Paper	2	160	2	2	160
99	Paper goods, not elsewhere specified	3	7			
100	Patent medicines and compounds	2	5			
101	Pencils, lead	1	3			
102	Pens, fountain and stylographic	1	3	1	1	3
103	Photolithographing and engraving	1	5			
104	Pickles, preserves, and sauces	2	30	2	2	30
105	Plumbers' supplies	2	26	1	1	25
106	Plumbing and gas fitting	4	40			
107	Printing and publishing, book and job	27	148	7	6	73
108	Printing and publishing newspapers and periodicals	18	172	12	13	148
109	Regalia and society banners and emblems	1	2			
110	Rubber and elastic goods	4	311	7	5	310
111	Rules, ivory and wood	1	1			
112	Saddlery and harness	2	6			
113	Safes and vaults	1	6	1	1	6
114	Sausage	3	55	3	3	55
115	Saws	1	1			
116	Screws, wood	1	2,070	46	8	2,070
117	Sewing machines and attachments	2	300	10	3	300
118	Shipbuilding	4	202	8	9	202
119	Shoddy	9	513	5	5	283
120	Show cases	1	10	1	1	10
121	Silk and silk goods	2	105			
122	Silversmithing	1	2			
123	Silverware	3	662	5	2	660
124	Slaughtering and meat packing, wholesale	8	250	10	10	250
125	Smelting and refining	1	6	1	1	6
126	Soap and candles	8	233	9	9	203
127	Sporting goods	5	207	3	5	175
128	Starch	1	18	1	1	18
129	Stationery goods, not elsewhere specified	4	95	1	1	90
130	Steam fittings and heating apparatus	1	2			
131	Stereotyping and electrotyping	1	3			
132	Tinsmithing, coppersmithing, and sheet-iron working	8	115	6	5	105
133	Tools, not elsewhere specified	8	18	2	2	8
134	Toys and games	1	75	2	1	75
135	Umbrellas and canes	1	70	1	1	50
136	Upholstery materials	4	336	4	2	235
137	Washing machines and clothes wringers	1	65	2	1	65
138	Watch cases	1	8			
139	Watch, clock, and jewelry repairing	1	1			
140	Window shades	1	25	1	1	25
141	Wirework, including wire rope and cable	4	11			
142	Wood, turned and carved	11	414	13	9	396
143	Woolen goods	40	6,828	80	43	3,816
144	Worsted goods	28	12,629	143	57	9,837

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

RHODE ISLAND—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
						2	4	2			82
								1			83
22	519	18	473	4	46						84
1	5	1	5						10		85
											86
											87
										6	88
								12			89
											90
								10			91
1	6			1	6						92
											93
											94
								10			95
								15			96
								7			97
											98
								7			99
						1	4				100
								3			101
											102
						6					103
											104
								1			105
1	25	1	25			7		8			106
1	2	1	2			38		30	5		107
3	12			3	12	3	2	5	2		108
						2					109
								1			110
								3			111
						2		4			112
											113
											114
								1			115
											116
											117
											118
6	260	5	220	1	40						119
											120
2	80	2	80					25			121
								2			122
								2			123
											124
											125
1	30	1	30								126
2	25	2	25			1		6			127
											128
						4		1			129
								2			130
								3			131
						2	5	3			132
						1		9			133
											134
								20			135
4	100	4	100					1			136
											137
								8			138
								1			139
											140
								11			141
1	12			1	12			6			142
60	2,974	43	1,541	17	1,433	35		3			143
24	2,110	19	1,724	5	386	115		567			144

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

SOUTH CAROLINA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	1,149	45,681	942	864	29,043
2	Agricultural implements	3	68	3	3	65
3	Bagging, flax, hemp, and jute	1	225	3	2	225
4	Bags, other than paper	2	23			
5	Blacksmithing and wheelwrighting	1	12	1	1	12
6	Boots and shoes, factory product	2	17			
7	Boxes, wooden packing	2	215	3	3	215
8	Bread and other bakery products	3	32	2	2	31
9	Brick and tile	20	497	22	21	497
10	Carpentering	6	234	8	9	234
11	Carriages and wagons, including custom work and repairing	10	154	9	9	142
12	Cars and general shop construction and repairs by steam railroad companies	3	420	8	8	420
13	Clay and pottery products	1	40			
14	Clothing, men's, custom work and repairing	1	1			
15	Clothing, men's, factory product	1	2	1	1	2
16	Cooperage	3	232	3	3	220
17	Cotton, cleaning and rehandling	1	15			
18	Cotton, ginning	107	1,471	95	95	1,300
19	Cotton goods	34	16,747	83	32	7,095
20	Cotton ties	1	15			
21	Cotton waste	1	16			
22	Dyeing and cleaning	1	6	1	1	6
23	Fertilizers	18	3,095	50	36	3,085
24	Flouring and grist mill products	512	8,947	204	202	3,334
25	Food preparations	1	12	1	1	12
26	Foundry and machine shop products	14	413	17	18	405
27	Fruits and vegetables, canning and preserving	2	73	3	2	73
28	Furniture, factory product	3	42	2	2	37
29	Gas, illuminating and heating	2	91	10	9	91
30	House furnishing goods, not elsewhere specified	1	20	1	1	20
31	Ice, artificial	4	505	6	6	505
32	Leather, tanned and curried	1	16	1	1	16
33	Lime and cement	2	26	2	2	26
34	Liquors, malt	1	306	4	5	300
35	Lumber and other mill products from logs or bolts	308	8,138	310	297	7,230
36	Lumber, planing mill products, including sash, doors, and blinds	23	569	22	23	544
37	Masonry, brick and stone	1	40	4	4	40
38	Mattresses and spring beds	1	10			
39	Mineral and soda waters	1	4	1	1	4
40	Oil, cottonseed and cake	17	1,698	23	28	1,680
41	Printing and publishing, book and job	3	35	1	1	10
42	Printing and publishing, newspapers and periodicals	16	108	17	16	107
43	Rice, cleaning and polishing	6	920	14	13	920
44	Saddlery and harness	1	1			
45	Sausage	2	12	3	2	12
46	Shipbuilding	1	70	2	2	70
47	Soap and candles	1	8	1	1	8
48	Wood, turned and carved	2	70	1	1	50
49	Woolen goods	1	10			

SOUTH DAKOTA.

1	All industries	183	5,555	155	147	4,456
2	Agricultural implements	3	24	3	3	24
3	Blacksmithing and wheelwrighting	4	32	3	3	22
4	Bookbinding and blank-book making	1	8	1	1	8
5	Bread and other bakery products	1	25	1	1	25
6	Brick and tile	8	161	7	7	131
7	Carpentering	2	13	2	2	13
8	Carriages and wagons, including custom work and repairing	1	6	1	1	6
9	Cars and general shop construction and repairs by steam railroad companies	2	65	3	2	65
10	Cheese, butter, and condensed milk, factory product	10	84	10	10	84
11	Flouring and grist mill products	62	3,234	52	46	2,371
12	Foundry and machine shop products	4	55	4	4	55
13	Fruits and vegetables, canning and preserving	1	60	2	1	60
14	Furniture, cabinetmaking, repairing and upholstering	1	5			
15	Gas, illuminating and heating	2	50	2	3	50
16	Kaolin and other earth grinding	1	16			
17	Liquors, malt	1	25	2	2	25
18	Lumber and other mill products from logs or bolts	39	1,272	38	37	1,156
19	Lumber, planing mill products, including sash, doors, and blinds	5	116	5	5	116
20	Oil, linseed	1	75	1	1	75
21	Printing and publishing, book and job	3	14			
22	Printing and publishing, newspapers and periodicals	28	115	15	15	64
23	Upholstery materials	1	6	1	1	6
24	Woolen goods	2	100	2	2	100

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

SOUTH CAROLINA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
611	16,399	248	12,393	363	4,006	8	97	74	.....	60	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	23	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
1	2	.....	.....	1	2	.....	.....	15	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
1	12	.....	.....	1	12	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
1	40	1	40	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	17
15	171	12	139	3	32	.....	.....	.....	.....	.....	18
49	9,645	48	9,495	1	150	7	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	20
1	16	1	16	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	23
477	5,556	154	2,145	323	3,411	.....	.....	.....	.....	57	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
1	8	.....	.....	1	8	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
1	5	.....	.....	1	5	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	34
61	896	29	510	32	386	.....	.....	12	.....	.....	35
.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
1	18	1	18	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	25	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
1	20	1	20	.....	.....	.....	.....	.....	.....	.....	48
1	10	1	10	.....	.....	.....	.....	.....	.....	.....	49

SOUTH DAKOTA.

48	1,052	35	907	13	145	3	32	.....	.....	12	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
1	10	.....	.....	1	10	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
1	30	1	30	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
29	850	27	825	2	25	3	.....	.....	.....	10	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
1	5	.....	.....	1	5	.....	.....	.....	.....	.....	14
1	10	1	10	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
7	116	4	35	3	81	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
1	5	.....	.....	1	5	.....	9	.....	.....	.....	21
7	26	2	7	5	19	.....	23	.....	.....	2	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND TERRITORIES: 1880.

TENNESSEE.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	2,243	84,379	1,823	1,577	68,537
2	Agricultural implements	8	331	11	9	331
3	Artificial limbs	1	2			
4	Baking and yeast powders	2	18	1	1	10
5	Blacksmithing and wheelwrighting	6	37	9	6	29
6	Bookbinding and blank-book making	1	3			
7	Boots and shoes, custom work and repairing	1	2	1	1	2
8	Bottling	2	225	5	3	225
9	Boxes, fancy and paper	1	6	1	1	6
10	Boxes, wooden packing	3	275	5	4	275
11	Brass castings and brass finishing	1	8	1	1	8
12	Bread and other bakery products	5	188	6	5	188
13	Brick and tile	32	1,629	49	47	1,629
14	Carpentering	2	17	1	1	10
15	Carriage and wagon materials	3	175	4	3	175
16	Carriages and wagons, including custom work and repairing	10	171	11	10	171
17	Cars and general shop construction and repairs by steam railroad companies	8	380	12	10	380
18	Cars, steam railroad, not including operations of railroad companies	2	405	6	3	405
19	Cheese, butter, and condensed milk, factory product	4	89	3	3	74
20	Chemicals	2	50	3	2	50
21	Clay and pottery products	3	112	4	3	112
22	Clothing, men's, factory product	3	65	1	1	50
23	Coffee and spice, roasting and grinding	3	24	2	2	20
24	Coffins and burial cases, trimming and finishing	4	185	3	3	161
25	Coke	4	655	8	7	655
26	Confectionery	8	132	6	6	88
27	Cooperage	3	360	7	9	360
28	Cordage and twine	1	160	1	1	85
29	Cotton, cleaning and rehandling	1	35	1	1	35
30	Cotton, ginning	33	759	32	33	739
31	Cotton goods	20	3,584	41	19	2,906
32	Dyeing and cleaning	4	62	4	4	62
33	Dye stuffs and extracts	1	20	1	1	20
34	Electrical apparatus and supplies	1	25	1	1	25
35	Electroplating	1	5	1	1	5
36	Fertilizers	4	490	11	6	490
37	Flouring and grist mill products	918	20,061	261	247	8,820
38	Foundry and machine shop products	61	2,068	73	72	2,060
39	Fruits and vegetables, canning and preserving	1	12	1	1	12
40	Furnishing goods, men's	1	50	1	1	50
41	Furniture, cabinetmaking, repairing and upholstering	7	70	3	3	34
42	Furniture, chairs	2	94	1	1	57
43	Furniture, factory product	19	1,213	27	20	1,188
44	Gas, illuminating and heating	5	260	10	11	260
45	Gunpowder	1	600	2	1	150
46	High explosives	2	30	2	2	30
47	Ice, artificial	13	1,709	31	27	1,701
48	Instruments, professional and scientific	1	4	1	1	4
49	Iron and steel	15	8,506	163	59	8,506
50	Ironwork, architectural and ornamental	3	50	3	3	50
51	Kaolin and other earth grinding	1	30	1	1	30
52	Leather, tanned and curried	15	680	27	17	649
53	Lime and cement	2	70	3	3	70
54	Liquors, distilled	19	503	24	19	503
55	Liquors, malt	4	1,138	10	9	1,138
56	Lumber and other mill products from logs or bolts	717	22,389	675	643	20,055
57	Lumber, planing mill products, including sash, doors, and blinds	70	3,103	76	74	2,992
58	Marble and stone work	10	686	12	13	686
59	Masonry, brick and stone	1	5	2	1	5
60	Mattresses and spring beds	5	38	5	5	38
61	Mineral and soda waters	2	16	2	2	16
62	Oil, cottonseed and cake	15	6,918	48	32	6,896
63	Paints	3	240	3	3	240
64	Patent medicines and compounds	3	80	3	3	80
65	Paving and paving materials	2	55	3	3	55
66	Plumbing and gas fitting	3	38	3	3	38
67	Printing and publishing, book and job	17	156	10	10	114
68	Printing and publishing, newspapers and periodicals	29	428	30	30	422
69	Pumps, not including steam pumps	1	40	1	1	40
70	Saddlery and harness	9	81	3	3	41
71	Sausage	1	10	1	1	10
72	Saws	1	35	1	1	35
73	Shirts	2	31	1	1	30
74	Slaughtering and meat packing, wholesale	3	50	4	3	50
75	Soap and candles	3	220	4	5	220
76	Sporting goods	1	2	1	1	2
77	Sugar and molasses, refining	2	90	2	2	90
78	Tobacco, chewing, smoking, and snuff	5	126	5	5	126
79	Trunks and valises	2	26	2	2	26
80	Vinegar and cider	1	14	1	1	14
81	Wirework, including wire rope and cable	3	28	2	2	26
82	Wood, turned and carved	4	265	5	5	265
83	Woodenware, not elsewhere specified	1	60	1	1	60
84	Woolen goods	49	1,317	20	15	772

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

TENNESSEE.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
1,152	15,451	363	6,620	789	8,831	106	54	191	26	14	1
											2
								2			3
1	8			1	8						4
1	8	1	8								5
							3				6
											7
											8
											9
											10
											11
											12
											13
							7				14
											15
											16
											17
											18
1	15	1	15								19
											20
											21
1	5			1	5			10			22
							4				23
2	24	1	12	1	12						24
											25
							4	40			26
											27
1	75	1	75								28
											29
								20			30
19	678	13	583	6	95						31
											32
											33
											34
											35
											36
897	11,166	282	4,624	615	6,542	65				10	37
1	8	1	8								38
											39
											40
4	36	2	21	2	15						41
2	37	1	25	1	12						42
1	25			1	25						43
											44
11	450	5	200	6	250						45
											46
						8					47
											48
											49
											50
											51
4	31	1	4	3	27						52
											53
											54
											55
161	2,264	40	756	121	1,508			45	25		56
4	71	2	47	2	24			40			57
											58
											59
											60
											61
						22					62
											63
											64
											65
											66
						4	7	30	1		67
						4	2				68
											69
1	8			1	8	3	27	2			70
											71
											72
1	1	1	1								73
											74
											75
											76
											77
											78
											79
											80
								2			81
											82
											83
39	541	11	241	28	300					4	84

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND TEXAS.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	1,983	68,530	2,509	2,066	65,391
2	Agricultural implements	6	126	6	6	126
3	Awnings, tents, and sails	1	20	1	1	20
4	Axle grease	1	16	1	1	16
5	Bagging, flax, hemp, and jute	1	350	3	1	350
6	Blacksmithing and wheelwrighting	7	54	7	7	54
7	Boots and shoes, custom work and repairing	1	6	1	1	6
8	Boots and shoes, factory product	1	45	1	1	45
9	Bottling	2	11	2	2	11
10	Bread and other bakery products	3	45	3	3	45
11	Brick and tile	38	1,204	34	34	1,204
12	Carpentering	6	180	6	6	180
13	Carriages and wagons, including custom work and repairing	6	32	6	6	32
14	Cars and general shop construction and repairs by steam railroad companies	14	1,063	21	22	1,063
15	Cheese, butter, and condensed milk, factory product	3	30	3	3	30
16	Clothing, men's, custom work and repairing	1	2	1	1	2
17	Clothing, men's, factory product	2	13	1	1	5
18	Coffee and spice, roasting and grinding	5	122	4	3	110
19	Confectionery	5	78	6	7	78
20	Cotton gins	6	130	5	6	130
21	Cotton ginning	551	12,588	533	534	12,244
22	Cotton goods	1	600			
23	Dyeing and cleaning	2	16	2	2	16
24	Electrical apparatus and supplies	1	3			
25	Fertilizers	1	40	1	1	40
26	Flouring and grist mill products	680	17,924	651	657	16,500
27	Food preparations	2	50	2	2	50
28	Foundry and machine shop products	47	964	47	53	965
29	Fruits and vegetables, canning and preserving	9	127	12	12	127
30	Fur goods	1	6			
31	Furnishing goods, men's	3	9	1	1	2
32	Furniture, cabinetmaking, repairing and upholstering	4	41	3	3	26
33	Furniture, chairs	4	90	3	3	90
34	Furniture, factory product	4	85	3	3	85
35	Furs, dressed	1	8	1	1	8
36	Gas, illuminating and heating	6	68	9	9	68
37	Hardware	1	15	1	1	15
38	Ice, artificial	58	3,750	87	70	3,650
39	Iron and steel, bolts, nuts, washers, and rivets	1	95	1	1	95
40	Ironwork, architectural and ornamental	2	20	1	1	10
41	Jewelry	1	2			
42	Leather, tanned and curried	3	58	2	2	57
43	Lime and cement	2	300	3	2	300
44	Liquors, malt	5	1,790	21	21	1,790
45	Lithographing and engraving	1	5			
46	Lock and gun smithing	2	7	1	1	6
47	Looking-glass and picture frames	1	2	1	1	
48	Lumber and other mill products from logs or bolts	260	17,612	464	363	17,282
49	Lumber, planing mill products, including sash, doors, and blinds	59	2,251	66	61	2,241
50	Marble and stone work	2	120	3	3	120
51	Masonry, brick and stone	2	13	2	2	23
52	Mattresses and spring beds	4	47	4	4	45
53	Mineral and soda waters	6	46	4	4	40
54	Models and patterns	1	4	1	1	4
55	Oil, castor	1	55	1	1	55
56	Oil, cottonseed and cake	13	4,388	42	32	4,320
57	Painting and paper hanging	2	7	1	1	6
58	Paints	2	19	2	2	19
59	Patent medicines and compounds	1	6	1	1	6
60	Paving and paving materials	4	255	6	6	255
61	Pickles, preserves, and sauces	1	30	1	1	30
62	Plumbing and gas fitting	1	4	1	1	4
63	Printing and publishing, book and job	29	196	14	13	105
64	Printing and publishing, newspapers and periodicals	79	538	66	68	407
65	Pulp from fiber other than wood	1	50	2	1	50
66	Roofing and roofing materials	1	10	1	1	10
67	Saddlery and harness	6	20	1	1	12
68	Salt	1	50	2	2	50
69	Sausage	2	24	2	2	24
70	Shirts	1	25	1	1	25
71	Soap and candles	7	169	7	7	169
72	Stereotyping and electrotyping	1	15			
73	Sugar and molasses, refining	2	56	3	2	56
74	Tinsmithing, coppersmithing, and sheet-iron working	1	14	1	1	10
75	Trunks and valises	1	40	1	1	35
76	Upholstery materials	1	12	1	1	12
77	Vinegar and cider	2	13	1	1	3
78	Washing machines and clothes wringers	1	4	1	1	4
79	Wood, turned and carved	1	10	1	1	10
80	Woolen goods	4	225	5	4	225

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

TEXAS.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
121	2,633	75	2,146	46	487	166	157	124	.....	59	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	2	10	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
19	324	14	234	5	90	.....	.....	15	.....	.....	21
3	600	3	600	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	8	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
74	1,376	47	1,088	27	238	.....	.....	.....	.....	48	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	14	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
1	6	.....	.....	1	6	.....	.....	.....	.....	.....	30
1	5	.....	.....	1	5	.....	2	.....	.....	.....	31
1	15	.....	.....	1	15	.....	.....	.....	.....	.....	32
1	4	.....	.....	1	4	.....	.....	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	34
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
3	90	3	90	.....	.....	10	.....	.....	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	41
1	1	.....	.....	1	1	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
13	192	8	134	5	58	.....	.....	40	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
1	2	.....	.....	1	2	.....	.....	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	3	.....	.....	.....	3	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	18	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	22	54	14	.....	1	63
1	5	.....	.....	1	5	32	69	22	.....	3	64
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
1	8	.....	.....	1	8	32	.....	8	.....	.....	67
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	72
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	74
.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....	75
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
1	5	.....	.....	1	5	5	.....	.....	.....	.....	77
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

UTAH.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	178	5,128	114	106	2,530
2	Awnings, tents, and sails	1	1			
3	Bread and other bakery products	4	52	5	4	51
4	Brick and tile	10	286	11	11	286
5	Carpentering	4	112	2	2	65
6	Carriage and wagon materials	1	10	1	1	10
7	Cars and general shop construction and repairs by steam railroad companies	1	25	1	1	25
8	Cheese, butter, and condensed milk, factory product	1	8	1	1	8
9	Coffins, burial cases, and undertakers' goods	1	10			
10	Coke	1	15	1	1	15
11	Confectionery	2	28	2	2	28
12	Flouring and grist mill products	49	1,909	7	5	327
13	Foundry and machine shop products	9	151	8	8	115
14	Fruits and vegetables, canning and preserving	2	40	2	2	40
15	Gas, illuminating and heating	1	8	1	1	8
16	Hosiery and knit goods	2	12	2	2	12
17	Leather, tanned and curried	1	25	2	2	25
18	Lithographing and engraving	1	5			
19	Lumber and other mill products from logs or bolts	28	781	23	22	507
20	Lumber, planing mill products, including sash, doors, and blinds	15	505	14	13	465
21	Marble and stone work	1	25	1	1	25
22	Masonry, brick and stone	1	15	1	1	15
23	Mineral and soda waters	1	8	1	1	8
24	Paper	1	300	2	1	50
25	Plumbing and gas fitting	1	5			
26	Printing and publishing, book and job	7	35	2	2	8
27	Printing and publishing, newspapers and periodicals	13	115	8	8	65
28	Salt	5	98	6	6	98
29	Slaughtering and meat packing, wholesale	1	10	1	1	10
30	Soap and candles	2	35	2	2	35
31	Tinsmithing, coppersmithing, and sheet-iron working	1	30	1	1	30
32	Wood, turned and carved	1	4	1	1	4
33	Woolen goods	9	465	5	3	195

VERMONT.

1	All industries	1,552	98,554	693	600	23,539
2	Agricultural implements	17	1,133	7	6	288
3	Blacksmithing and wheelwrighting	32	421	6	6	42
4	Boots and shoes, factory product	3	62	2	1	25
5	Boxes, fancy and paper	2	40	1	1	15
6	Boxes, wooden packing	17	873	13	8	633
7	Bread and other bakery products	8	91	7	7	79
8	Brooms and brushes	1	25			
9	Carpentering	17	452	6	6	111
10	Carriage and wagon materials	2	65			
11	Carriages and sleds, children's	1	100	1	2	100
12	Carriages and wagons, including custom work and repairing	29	459	14	14	138
13	Cars and general shop construction and repairs by steam railroad companies	4	895	10	7	895
14	Cheese and butter, urban dairy product	1	1	1	1	1
15	Cheese, butter, and condensed milk, factory product	68	751	90	89	640
16	Chemicals	1	2	1	1	2
17	Clay and pottery products	2	35	1	1	20
18	Clothing, men's, custom work and repairing	1	1			
19	Clothing, men's, factory product	1	8			
20	Coffee and spice, roasting and grinding	1	10	1	1	10
21	Coffins and burial cases, trimming and finishing	1	2	1	1	2
22	Coffins, burial cases, and undertakers' goods	2	182	1	1	12
23	Confectionery	1	6	1	1	6
24	Cotton goods	6	2,285	9	4	490
25	Cutlery and edge tools	2	175			
26	Electroplating	1	6			
27	Emery wheels	1	16			
28	Fancy articles, not elsewhere specified	1	30	1	1	30
29	Fertilizers	1	70			
30	Files	1	4			
31	Flouring and grist mill products	217	11,541	18	18	738
32	Food preparations	1	50			
33	Foundry and machine shop products	57	1,489	22	22	429
34	Furniture, cabinetmaking, repairing and upholstering	7	124	2	1	30
35	Furniture, chairs	13	692	8	6	233
36	Furniture, factory product	8	328	2	2	60
37	Gas, illuminating and heating	8	249	6	9	182
38	Grease and tallow	1	8	1	1	8
39	Hardware	3	17	1	1	2
40	Hardware, saddlery	1	3			
41	Hones and whetstones	2	70			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

UTAH.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
101	2,492	76	2,095	25	397	64	10	32	.....	.....	1
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
2	47	2	47	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
70	1,582	52	1,294	18	288	.....	.....	.....	.....	.....	12
1	36	1	36	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	18
14	274	7	165	7	109	.....	.....	.....	.....	.....	19
1	20	1	20	.....	.....	20	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
2	250	2	250	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	19	.....	8	.....	.....	26
1	13	1	13	.....	.....	13	.....	24	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
10	270	10	270	.....	.....	.....	.....	.....	.....	.....	33

VERMONT.

1,810	74,041	1,013	39,532	797	34,509	34	10	509	335	86	1
20	847	16	807	4	40	.....	.....	.....	.....	.....	2
29	349	11	150	18	199	.....	.....	30	.....	.....	3
1	30	1	30	.....	.....	.....	.....	.....	.....	7	4
2	25	1	22	1	3	.....	.....	.....	.....	.....	5
14	240	8	125	6	115	.....	.....	.....	.....	.....	6
1	12	.....	.....	1	12	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	8
8	301	5	213	3	88	.....	.....	30	.....	10	9
2	65	1	60	1	5	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
17	321	9	189	8	132	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
6	91	4	77	2	14	.....	.....	.....	20	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
1	15	.....	.....	1	15	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	18
.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
3	170	3	170	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
11	1,795	11	1,795	.....	.....	.....	.....	.....	.....	.....	24
4	175	1	55	3	120	.....	.....	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	26
1	16	.....	.....	1	16	.....	.....	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
2	70	2	70	.....	.....	.....	.....	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	30
508	10,803	288	6,766	220	4,037	.....	.....	.....	.....	.....	31
1	50	.....	.....	1	50	.....	.....	.....	.....	.....	32
41	952	28	613	13	339	.....	.....	61	44	3	33
5	86	3	36	2	50	.....	.....	8	.....	.....	34
11	332	9	247	2	85	.....	.....	85	42	.....	35
6	208	4	171	2	37	20	.....	.....	40	.....	36
3	67	1	2	2	65	.....	.....	.....	.....	.....	37
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
2	10	1	8	1	2	.....	.....	.....	5	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	40
3	70	2	50	1	20	.....	.....	.....	.....	.....	41

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

VERMONT—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
42	Hosiery and knit goods	10	840	7	7	389
43	Kaolin and other earth grinding	2	86	1	1	15
44	Lard, refined	1	4	1	1	4
45	Lasts	1	10			
46	Leather, tanned and curried	16	569	12	11	347
47	Lime and cement	3	38	3	4	38
48	Lock and gun smithing	2	7	1	1	3
49	Looking-glass and picture frames	1	4			
50	Lumber and other mill products from logs or bolts	671	37,485	277	239	12,476
51	Lumber, planing mill products, including sash, doors, and blinds	30	2,099	23	12	1,355
52	Mantels, slate, marble, and marbleized	4	213	1	1	45
53	Marble and stone work	30	3,043	24	19	874
54	Mattresses and spring beds	1	20			
55	Mineral and soda waters	2	14	1	1	8
56	Monuments and tombstones	21	403	11	11	203
57	Musical instruments, organs and materials	3	251	10	3	251
58	Musical instruments, pianos and materials	2	60			
59	Needles and pins	1	5			
60	Oil, essential	1	25	1	1	25
61	Paints	4	133	1	1	28
62	Paper	13	17,998	5	3	126
63	Paper goods, not elsewhere specified	1	15	1	1	15
64	Patent medicines and compounds	4	74	6	4	74
65	Pickles, preserves, and sauces	7	136	1	1	15
66	Plumbers' supplies	1	20			
67	Plumbing and gas fitting	1	2	1	1	2
68	Printing and publishing, book and job	17	88	8	6	53
69	Printing and publishing, newspapers and periodicals	40	192	18	17	86
70	Pulp, wood	6	6,035			
71	Pumps, not including steam pumps	1	30			
72	Refrigerators	1	50			
73	Scales and balances	1	225	4	3	225
74	Sewing machines and attachments	1	8	2	1	8
75	Shipbuilding	2	78			
76	Shirts	2	21	1	1	18
77	Shoddy	1	50			
78	Soap and candles	3	33	3	3	33
79	Sporting goods	1	80			
80	Starch	2	18			
81	Steam packing	1	4			
82	Tinsmithing, coppersmithing, and sheet-iron working	2	24	2	2	24
83	Tools, not elsewhere specified	3	40	1	1	20
84	Toys and games	5	218	1	1	50
85	Vinegar and cider	6	47	1	1	6
86	Washing machines and clothes wringers	3	46	1	1	6
87	Wirework, including wire rope and cable	2	21	1	1	11
88	Wood, turned and carved	27	977	4	3	173
89	Woodenware, not elsewhere specified	22	346	5	6	114
90	Woolen goods	29	3,598	24	11	1,200

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

VERMONT—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
13	451	5	225	8	226						42
4	71	4	71								43
											44
								10			45
13	222	5	125	8	97						46
											47
										4	48
1	4	1	4								49
754	24,947	433	14,879	321	10,068	12			50		50
24	679	18	509	6	170			25	40		51
4	168			4	168						52
15	2,091	12	1,925	3	166			53	10	15	53
1	20			1	20						54
								6			55
6	180	4	167	2	13			15		5	56
											57
3	60	1	40	2	20						58
1	2	1	2					3			59
											60
3	105	2	30	1	75						61
99	17,872	22	1,737	77	16,135						62
											63
											64
4	70	3	60	1	10			16	35		65
1	20			1	20						66
											67
7	23			7	23	2		2		8	68
17	65	1	1	16	64		10	13		18	69
29	6,035	29	6,035								70
1	30			1	30						71
								50			72
											73
											74
2	78			2	78						75
								3			76
1	50			1	50						77
											78
1	80	1	80								79
2	18	1	8	1	10						80
									4		81
											82
1	10	1	10					10			83
6	162	6	162						6		84
4	38	2	16	2	22				3		85
2	40			2	40						86
1	10			1	10						87
28	710	22	550	6	160			50	32	12	88
22	232	6	90	16	142						89
38	2,398	24	1,150	14	1,248						90

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND VIRGINIA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	2,502	82,448	1,544	1,341	45,406
2	Agricultural implements	15	542	18	17	474
3	Bags, other than paper	2	83	2	2	83
4	Blacksmithing and wheelwrighting	14	92	7	7	38
5	Bookbinding and blank-book making	3	37	2	2	35
6	Boots and shoes, factory product	7	116	6	5	98
7	Bottling	3	35	3	3	35
8	Boxes, cigar	1	8	1	1	8
9	Boxes, fancy and paper	3	62	3	2	56
10	Boxes, wooden packing	18	374	16	15	327
11	Brass castings and brass finishing	1	7			
12	Bread and other bakery products	9	171	7	7	156
13	Brick and tile	50	1,906	62	61	1,906
14	Brooms and brushes	1	28	1	1	28
15	Carpentering	12	371	12	12	256
16	Carriages and wagons, including custom work and repairing	20	305	15	15	264
17	Cars and general shop construction and repairs by steam railroad companies	6	318	9	9	318
18	Cars, steam railroad, not including operations of railroad companies	1	500	10	9	500
19	Cheese and butter, urban dairy product	1	25	1	1	25
20	Cheese, butter, and condensed milk, factory product	11	112	15	15	112
21	Chemicals	1	32	1	1	32
22	Clay and pottery products	1	6	1	1	6
23	Coffee and spice, roasting and grinding	2	16	2	2	16
24	Coffins and burial cases, trimming and finishing	3	45	2	3	35
25	Coke	1	25	1	1	25
26	Confectionery	8	37	7	7	34
27	Cordage and twine	1	50			
28	Cotton, ginning	5	34	5	5	34
29	Cotton goods	9	3,470	14	5	620
30	Dyeing and cleaning	4	47	6	4	47
31	Dye stuffs and extracts	10	1,173	14	9	953
32	Electroplating	1	8			
33	Fertilizers	17	1,626	31	34	1,626
34	Fireworks	1	10	1	1	10
35	Fish, canning and preserving	1	5	1	1	5
36	Flavoring extracts	1	16	1	1	16
37	Flouring and grist mill products	1,178	26,561	65	66	1,920
38	Food preparations	1	40	2	1	40
39	Foundry and machine shop products	57	1,622	53	56	1,192
40	Fruits and vegetables, canning and preserving	18	490	21	19	465
41	Furnishing goods, men's	4	63	2	2	60
42	Furniture, cabinetmaking, repairing and upholstering	7	74	5	5	64
43	Furniture, chairs	2	48	2	2	48
44	Furniture, factory product	13	371	14	13	371
45	Gas, illuminating and heating	4	35	4	4	35
46	Glue	1	4			
47	Grease and tallow	1	40	2	2	40
48	Hats and caps, not including wool hats	1	6	1	1	6
49	Hay and straw, baling	3	24	3	3	24
50	Hosiery and knit goods	2	127	3	2	127
51	Ice, artificial	6	495	9	13	495
52	Iron and steel	17	8,890	154	35	8,250
53	Iron and steel, bolts, nuts, washers, and rivets	1	200	2	4	200
54	Iron and steel, forgings	1	250	8	6	250
55	Iron and steel, nails and spikes, cut and wrought, including wire nails	4	3,310	16	9	600
56	Ironwork, architectural and ornamental	3	168	4	4	168
57	Kaolin and other earth grinding	1	20	1	1	20
58	Labels and tags	1	25	1	1	25
59	Leather, tanned and curried	20	735	27	21	715
60	Lime and cement	4	130	5	5	130
61	Liquors, distilled	7	108	4	4	76
62	Lithographing and engraving	1	50	2	1	50
63	Looking-glass and picture frames	1	60	1	1	60
64	Lumber and other mill products from logs or bolts	581	16,217	585	541	14,331
65	Lumber, planing mill products, including sash, doors, and blinds	59	2,713	55	55	2,176
66	Marble and stone work	5	133	5	4	131
67	Mattresses and spring beds	3	45	3	3	45
68	Mineral and soda waters	5	29	5	5	29
69	Models and patterns	3	5	1	1	3
70	Monuments and tombstones	1	3			
71	Musical instruments, organs and materials	1	12	1	1	12
72	Nets and seines	1	7	1	1	7
73	Oil, essential	13	219	14	12	175
74	Optical goods	1	1			
75	Oysters, canning and preserving	1	16	1	1	16
76	Paints	3	106	4	2	26
77	Paper	4	1,001	4	5	320
78	Patent medicines and compounds	1	4			
79	Pickles, preserves, and sauces	1	6	1	1	6
80	Pipes, tobacco	1	35	1	1	35
81	Plastering and stuccowork	1	75			

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

VIRGINIA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
1,915	36,654	652	18,206	1,263	18,448	105	78	184	9	12	1
5	68			5	68						2
7	47	5	43	2	4		7				4
						2					5
						10	8				6
											7
											8
						6					9
3	37	1	25	2	12			10			10
						7					11
						5	10				12
											13
											14
3	108	2	105	1	3	7					15
6	16			6	16			25			16
											17
											18
											19
											20
											21
											22
											23
1	10			1	10						24
											25
						3					26
1	50	1	50								27
26	2,850	26	2,850								28
5	220	2	45	3	175						29
											30
						8					31
											32
											33
											34
											35
											36
1,568	24,037	465	8,176	1,103	16,461					4	37
9	348	5	312	4	36	3	14	65			38
1	25	1	25								39
						1		2			40
											41
2	10			2	10						42
											43
											44
											45
							4				46
											47
											48
											49
											50
											51
11	640	8	615	3	25						52
											53
21	2,710	21	2,710								54
											55
											56
											57
											58
3	20	1	10	2	10						59
4	32	2	27	2	5						60
											61
											62
											63
162	1,886	67	740	95	1,146						64
15	525	13	497	2	28	12					65
								2			66
											67
											68
								1	1		69
1	3			1	3						70
											71
											72
2	44	1	20	1	24						73
						1					74
											75
2	80	2	80								76
4	681	3	521	1	160						77
							4				78
											79
											80
1	75	1	75								81

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

VIRGINIA—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
82	Plumbing and gas fitting	2	25	1	1	20
83	Printing and publishing, book and job	23	219	12	11	177
84	Printing and publishing, newspapers and periodicals	40	308	24	25	240
85	Pulp, wood	1	480			
86	Roofing and roofing materials	1	12	1	1	12
87	Saddlery and harness	2	9			
88	Salt	1	10	7	6	10
89	Saws	2	32	2	2	32
90	Shipbuilding	6	256	9	7	256
91	Shirts	2	2			
92	Silk and silk goods	1	521	1	1	150
93	Slaughtering and meat packing, wholesale	1	70	2	1	70
94	Soap and candles	1	40	2	1	40
95	Stationery goods, not elsewhere specified	1	15	1	1	15
96	Surgical appliances	1	1			
97	Tobacco, chewing, smoking, and snuff	76	2,834	93	91	2,784
98	Tobacco, cigars and cigarettes	4	153	5	5	153
99	Tobacco, stemming and rehandling	2	115	4	2	115
100	Tools, not elsewhere specified	1	16	1	1	16
101	Trunks and valises	2	110	2	2	110
102	Upholstery materials	2	75	2	2	75
103	Varnish	1	3			
104	Wirework, including wire rope and cable	1	20	1	1	20
105	Wood, turned and carved	5	75	4	4	70
106	Woolen goods	35	782	3	3	120

WASHINGTON.

1	All industries	578	42,642	752	644	37,659
2	Agricultural implements	1	25	1	1	25
3	Awnings, tents, and sails	1	1			
4	Blacksmithing and wheelwrighting	3	19	3	3	19
5	Bookbinding and blank-book making	2	6			
6	Boots and shoes, factory product	1	6	1	1	6
7	Bottling	2	40	2	2	40
8	Boxes, wooden packing	2	53	1	1	3
9	Brass castings and brass finishing	1	6	1	1	6
10	Bread and other bakery products	1	25	1	1	25
11	Brick and tile	40	1,637	47	44	1,637
12	Carpentering	1	12	1	1	12
13	Carriages and wagons, including custom work and repairing	2	4			
14	Cars and general shop construction and repairs by steam railroad companies	4	237	5	5	237
15	Cheese, butter, and condensed milk, factory product	3	24	3	3	24
16	Clay and pottery products	2	75	2	2	75
17	Coffee and spice, roasting and grinding	1	20	1	1	20
18	Coffins, burial cases, and undertakers' goods	1	50	1	2	50
19	Fish, canning and preserving	6	66	9	7	66
20	Flavoring extracts	1	10	1	1	10
21	Flouring and grist mill products	38	2,296	19	15	834
22	Food preparations	1	35	1	1	35
23	Foundry and machine shop products	25	609	24	28	566
24	Furniture, cabinetmaking, repairing and upholstering	5	121	5	4	115
25	Furniture, chairs	1	30			
26	Furniture, factory product	2	95	2	2	95
27	Gas, illuminating and heating	4	195	6	6	195
28	Ice, artificial	2	135	3	2	135
29	Iron and steel	1	150	2	2	150
30	Kaolin and other earth grinding	1	25	1	1	25
31	Leather, tanned and curried	1	15			
32	Lime and cement	1	120	2	2	120
33	Liquors, distilled	1	15	1	1	15
34	Liquors, malt	11	713	19	18	713
35	Lumber and other mill products from logs or bolts	300	33,609	496	396	30,541
36	Lumber, planing mill products, including sash, doors, and blinds	35	1,241	34	33	1,031
37	Masonry, brick and stone	1	8	1	1	8
38	Mattresses and spring beds	1	25	1	1	25
39	Mineral and soda waters	5	23	3	3	20
40	Paints	1	15	1	1	15
41	Pickles, preserves, and sauces	1	12	1	1	12
42	Plumbing and gas fitting	2	9	2	2	9
43	Printing and publishing, book and job	13	56	2	2	9
44	Printing and publishing, newspapers and periodicals	39	260	31	31	222
45	Saddlery and harness	1	4	1	1	4
46	Shipbuilding	4	312	7	6	312
47	Slaughtering and meat packing, wholesale	4	112	5	6	112
48	Vinegar and cider	1	6	1	1	6
49	Wood, turned and carved	1	80	1	1	80

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

VIRGINIA—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
							5				82
2	8			2	8	17	10	7			83
4	11			4	11	18	14	9	8	8	84
4	480	4	480								85
											86
							2	7			87
											88
											89
											90
						2					91
5	371	5	371								92
											93
											94
											95
								1			96
								50			97
											98
											99
											100
											101
											102
						3					103
											104
								5			105
37	662	16	429	21	233						106

WASHINGTON.

111	4,851	83	4,048	28	803	63	3	16		50	1
											2
						1					3
											4
								6			5
											6
											7
2	50	1	30	1	20						8
											9
											10
											11
											12
						4					13
											14
											15
											16
											17
											18
											19
											20
29	1,462	26	1,412	3	50						21
											22
1	40	1	40			3					23
1	6			1	6						24
1	30	1	30								25
											26
											27
											28
											29
											30
1	15			1	15						31
											32
											33
											34
67	3,023	51	2,464	16	559					45	35
5	210	2	70	3	140						36
											37
											38
							3				39
											40
											41
											42
						34		10		3	43
4	15	1	2	3	13	21				2	44
											45
											46
											47
											48
											49

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

WEST VIRGINIA.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
1	All industries	1,199	55,457	1,173	1,043	44,680
2	Agricultural implements	1	10	1	1	10
3	Blacksmithing and wheelwrighting	1	9	1	1	9
4	Bone, ivory, and lamp black	1	10	1	1	10
5	Boxes, fancy and paper	2	12	1	1	8
6	Boxes, wooden packing	1	10	1	1	10
7	Bread and other bakery products	2	5			
8	Brick and tile	12	703	20	16	703
9	Bridges	1	20	1	1	20
10	Brooms and brushes	2	8	1	1	5
11	Carpentering	2	14	2	2	14
12	Carriage and wagon materials	1	150	3	2	150
13	Carriages and wagons, including custom work and repairing	8	384	9	8	384
14	Cars and general shop construction and repairs by steam railroad companies	5	301	10	9	301
15	Cars, steam railroad, not including operations of railroad companies	1	850	13	8	850
16	Cheese, butter, and condensed milk, factory product	1	8	1	1	8
17	Chemicals	1	4	2	2	4
18	Clay and pottery products	3	118	4	2	115
19	Coffee and spice, roasting and grinding	3	75	2	2	55
20	Coffins and burial cases, trimming and finishing	1	5	1	1	5
21	Coke	11	445	16	14	445
22	Confectionery	2	6			
23	Dyeing and cleaning	2	4	2	2	4
24	Dyeing and finishing textiles	1	120	3	4	120
25	Dye stuffs and extracts	2	125	4	2	125
26	Fertilizers	1	40	1	1	40
27	Files	1	5	2	1	5
28	Flouring and grist mill products	496	12,449	213	201	6,250
29	Foundry and machine shop products	30	798	31	31	752
30	Fruit jar trimmings	1	20			
31	Fruits and vegetables, canning and preserving	1	20	1	1	20
32	Furniture, cabinetmaking, repairing and upholstering	6	109	5	5	89
33	Furniture, chairs	2	7	2	2	7
34	Furniture, factory product	3	255	4	4	255
35	Gas, illuminating and heating	3	49	4	5	49
36	Glass	6	220	12	10	220
37	Glue	1	70	2	2	70
38	Hardware	1	120	2	1	120
39	Ice, artificial	4	597	10	6	597
40	Iron and steel	7	7,360	94	51	7,360
41	Iron and steel, nails and spikes, cut and wrought, including wire nails	6	6,825	53	27	6,825
42	Kaolin and other earth grinding	1	50	1	1	50
43	Leather, tanned and curried	16	452	20	18	442
44	Liquors, malt	5	1,339	18	29	1,339
45	Looking-glass and picture frames	1	15	1	1	15
46	Lumber and other mill products from logs or bolts	393	13,469	437	412	12,550
47	Lumber, planing mill products, including sash, doors, and blinds	48	1,354	51	47	1,324
48	Mineral and soda waters	1	80			
49	Paper	2	165	7	6	150
50	Patent medicines and compounds	1	15	1	1	15
51	Petroleum, refining	4	985	18	10	985
52	Pickles, preserves, and sauces	2	150	4	4	150
53	Plumbing and gas fitting	5	48	4	4	41
54	Printing and publishing, book and job	7	19	2	2	5
55	Printing and publishing, newspapers and periodicals	24	164	18	18	131
56	Pulp, wood	2	3,200			
57	Pumps, not including steam pumps	1	25	1	1	25
58	Saddlery and harness	1	2			
59	Salt	5	214	19	24	214
60	Sausage	5	39	5	5	39
61	Shipbuilding	1	50	2	3	50
62	Slaughtering and meat packing, wholesale	1	60	2	2	60
63	Soap and candles	1	30	1	1	30
64	Tobacco, chewing, smoking, and snuff	2	376	4	3	276
65	Wood, turned and carved	3	100	3	3	100
66	Woodenware, not elsewhere specified	1	50	1	1	50
67	Woolen goods	30	666	18	17	525

WISCONSIN.

1	All industries	2,618	178,668	3,309	2,406	120,697
2	Agricultural implements	47	2,339	62	49	2,227
3	Awnings, tents, and sails	2	5			
4	Bags, other than paper	1	12	1	1	12
5	Baking and yeast powders	1	30	2	1	30
6	Bicycle and tricycle repairing	1	2			
7	Blacksmithing and wheelwrighting	20	141	19	19	136
8	Bookbinding and blank-book making	4	21	2	1	16
9	Boot and shoe cut stock	1	40	2	2	40
10	Boots and shoes, factory product	22	477	13	13	293
11	Boxes, cigar	6	132	6	5	127

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

WEST VIRGINIA.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
565	10,542	161	4,048	404	6,494	5	33	75	.....	122	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
1	4	.....	.....	1	4	1	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
1	3	.....	.....	1	3	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	20	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
2	6	.....	.....	2	6	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
460	6,189	133	2,049	327	4,140	.....	.....	.....	.....	10	28
.....	.....	.....	.....	.....	.....	.....	.....	46	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
1	20	1	20	.....	.....	.....	.....	.....	.....	.....	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
1	10	.....	.....	1	10	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
54	889	13	312	41	577	.....	.....	.....	.....	30	46
1	30	1	30	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80	48
1	15	1	15	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	53
3	4	.....	.....	3	4	.....	4	6	.....	.....	54
6	31	.....	.....	6	31	.....	2	.....	.....	.....	55
19	3,200	9	1,600	10	1,600	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	58
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
15	141	3	22	12	119	.....	.....	.....	.....	.....	67

WISCONSIN.

1,528	56,744	1,013	42,849	515	13,895	295	274	452	97	109	1
3	72	2	60	1	12	.....	.....	30	10	.....	2
.....	.....	.....	.....	.....	.....	3	2	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
3	61	3	61	.....	.....	15	75	27	6	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	11

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

WISCONSIN—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
12	Boxes, fancy and paper	3	33	3	3	33
13	Boxes, wooden packing	15	758	18	14	754
14	Brass castings and brass finishing	4	156	5	5	156
15	Brassware	1	135	2	4	135
16	Bread and other bakery products	8	148	8	6	146
17	Brick and tile	72	2,864	90	101	2,842
18	Bridges	1	40	2	1	40
19	Calcium lights	1	2	1	1	2
20	Carpentering	20	407	20	20	407
21	Carriage and wagon materials	2	40	2	2	20
22	Carriages and sleds, children's	3	190	2	2	165
23	Carriages and wagons, including custom work and repairing	68	2,280	79	71	2,214
24	Cars and general shop construction and repairs by steam railroad companies	14	796	25	17	711
25	Cheese, butter, and condensed milk, factory product	170	1,694	193	192	1,649
26	Chemicals	4	59	4	3	57
27	Clay and pottery products	4	122	4	4	122
28	Cleansing and polishing preparations	1	3			
29	Clocks	1	4	1	1	4
30	Clothing, horse	1	10			
31	Clothing, men's, factory product	9	60	5	5	42
32	Clothing, women's, factory product	1	12	1	1	12
33	Coffee and spice, roasting and grinding	7	152	6	6	132
34	Coffins and burial cases, trimming and finishing	1	2	1	1	2
35	Coffins, burial cases, and undertakers' goods	1	50	1	1	50
36	Confectionery	9	228	7	6	221
37	Cooperage	10	320	10	10	245
38	Cordage and twine	1	6	1	1	6
39	Cork, cutting	1	10	1	1	10
40	Cotton goods	4	1,300	6	2	380
41	Cutlery and edge tools	6	78	4	4	24
42	Dentistry, mechanical	1	1			
43	Drug grinding	1	35	1	1	35
44	Dyeing and cleaning	5	64	5	5	64
45	Electrical apparatus and supplies	1	20	1	1	20
46	Electroplating	1	12	1	1	12
47	Files	2	34	1	1	30
48	Flouring and grist mill products	497	34,180	215	175	12,422
49	Food preparations	4	219	5	5	219
50	Foundry and machine shop products	131	4,407	134	125	3,824
51	Fur goods	1	4			
52	Furnishing goods, men's	1	4			
53	Furniture, cabinetmaking, repairing and upholstering	9	143	7	7	131
54	Furniture, chairs	9	604	12	9	579
55	Furniture, factory product	31	2,403	47	22	2,240
56	Fure, dressed	2	23	2	2	23
57	Gas and lamp fixtures	1	6			
58	Gas, illuminating and heating	11	472	17	21	472
59	Gas stoves	1	4	1	1	4
60	Glass	1	25	2	1	25
61	Glass, cutting, staining, and ornamenting	2	41	2	2	41
62	Gloves and mittens	2	8			
63	Glue	1	40	1	1	40
64	Grease and tallow	4	186	7	5	186
65	Hand stamps	2	39	1	1	35
66	Hardware	3	160	4	4	160
67	Hardware, saddlery	1	12	1	1	12
68	Hats and caps, not including wool hats	2	130	5	2	130
69	Hay and straw, baling	2	20	2	2	20
70	Hosiery and knit goods	13	439	16	12	436
71	Iron and steel	9	7,605	99	51	7,605
72	Iron and steel, bolts, nuts, washers, and rivets	1	20	1	1	20
73	Iron and steel, forgings	2	85	4	3	85
74	Iron and steel, nails and spikes, cut and wrought, including wire nails	3	40	2	2	30
75	Iron work, architectural and ornamental	5	182	7	6	182
76	Jewelry	2	6			
77	Kaolin and other earth grinding	1	17	1	1	17
78	Leather, tanned and curried	34	2,864	76	46	2,864
79	Lime and cement	15	772	35	21	762
80	Linen goods	2	275			
81	Liquors, distilled	2	145	6	3	145
82	Liquors, malt	76	5,965	139	122	5,958
83	Lithographing and engraving	4	102	3	3	95
84	Lock and gun smithing	2	6	2	2	6
85	Looking-glass and picture frames	1	2			
86	Lumber and other mill products from logs or bolts	621	62,887	1,293	702	50,878
87	Lumber, planing mill products, including sash, doors, and blinds	86	5,878	119	81	5,496
88	Malt	14	1,193	26	21	1,103
89	Marble and stone work	5	250	6	5	250
90	Masonry, brick and stone	5	156	7	7	156
91	Matches	1	150	2	4	159

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

WISCONSIN—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
											12
								4			13
											14
											15
2	2			2	2						16
2	21	2	21							1	17
											18
											19
											20
1	20			1	20						21
2	25	2	25								22
1	25	1	25					41			23
1	85	1	85								24
3	35	1	2	2	33				10		25
							2				26
											27
								3			28
											29
							10				30
2	6			2	6		7	5			31
											32
							20				33
											34
											35
1	1			1	1		6				36
2	75	2	75								37
											38
											39
14	895	10	705	4	190				25		40
1	50	1	50			2	2				41
1	1	1	1								42
											43
											44
											45
											46
								4			47
887	21,683	597	15,707	290	5,976					75	48
											49
15	512	11	400	4	112	60	6	5			50
							4				51
							4				52
							8	4			53
1	25	1	25								54
2	18			2	18			145			55
											56
								6			57
											58
											59
											60
											61
						1	7				62
											63
							4				64
											65
											66
											67
											68
											69
1	3			1	3						70
											71
											72
											73
								10			74
											75
						2	4				76
											77
											78
						10					79
5	275	5	275								80
											81
4	7	1	2	3	5						82
							7				83
											84
						2					85
250	11,852	146	7,875	104	3,977	102		55			86
12	372	8	282	4	90		10				87
											88
											89
											90
											91

TABLE 5.—POWER USED IN MANUFACTURES, STATES AND

WISCONSIN—Continued.

	INDUSTRIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.		
				Boilers.	Engines.	Horse power.
92	Mattresses and spring beds	9	377	10	8	357
93	Mineral and soda waters	8	82	8	8	82
94	Models and patterns	5	74	5	5	54
95	Monuments and tombstones	4	270	6	5	270
96	Musical instruments, organs and materials	1	20	1	1	20
97	Musical instruments, pianos and materials	1	8	1	1	8
98	Oil, linseed	3	432	4	4	432
99	Oil, lubricating	2	55	2	2	55
100	Paints	9	276	10	9	276
101	Paper	18	14,950	26	13	1,850
102	Paper goods, not elsewhere specified	1	4	.....	.....	.....
103	Paper hangings	1	10	.....	.....	.....
104	Patent medicines and compounds	1	6	.....	.....	.....
105	Paving and paving materials	5	205	6	5	205
106	Photolithographing and engraving	1	1	.....	.....	.....
107	Pickles, preserves, and sauces	5	108	6	5	108
108	Plastering and stuccowork	1	60	1	1	60
109	Plumbers' supplies	1	125	2	2	125
110	Plumbing and gas fitting	7	40	3	3	22
111	Printing and publishing, book and job	35	281	16	16	195
112	Printing and publishing, newspapers and periodicals	140	758	95	92	588
113	Printing materials	1	60	2	2	60
114	Pulp, wood	8	6,056	.....	.....	.....
115	Pumps, not including steam pumps	13	185	10	11	154
116	Refrigerators	1	125	2	2	125
117	Roofing and roofing materials	2	20	2	2	20
118	Rubber and elastic goods	2	153	3	4	153
119	Rules, ivory and wood	1	1	1	1	1
120	Saddlery and harness	2	16	1	1	12
121	Sausage	4	53	5	4	53
122	Scales and balances	1	15	.....	.....	.....
123	Shipbuilding	5	367	8	12	367
124	Shirts	1	1	.....	.....	.....
125	Shoddy	1	85	1	1	85
126	Slaughtering and meat packing, wholesale	12	1,355	27	19	1,355
127	Smelting and refining	1	2	.....	.....	.....
128	Soap and candles	9	170	12	9	170
129	Soda water apparatus	1	24	1	1	24
130	Springs, steel, car and carriage	1	20	1	1	20
131	Starch	2	75	1	1	45
132	Steam fittings and heating apparatus	4	250	5	4	215
133	Straw goods, not elsewhere specified	1	4	1	1	4
134	Sugar and molasses, refining	8	102	8	7	94
135	Surgical appliances	2	8	2	2	8
136	Tinsmithing, coppersmithing, and sheet iron-working	8	400	8	6	365
137	Tobacco, chewing, smoking, and snuff	3	310	5	3	310
138	Tobacco, cigars and cigarettes	1	1	.....	.....	.....
139	Tools, not elsewhere specified	4	80	3	3	40
140	Toys and games	3	185	5	3	185
141	Trunks and valises	7	400	11	7	400
142	Type founding	1	15	1	1	15
143	Umbrellas and canes	1	6	1	1	6
144	Upholstery materials	1	47	1	2	47
145	Vinegar and cider	8	229	8	6	185
146	Wheelbarrows	1	10	1	1	10
147	Windmills	6	325	8	8	325
148	Window shades	2	17	2	2	17
149	Wirework, including wire rope and cable	3	21	.....	.....	.....
150	Wood, preserving	1	8	1	1	8
151	Wood, turned and carved	9	231	10	9	171
152	Woodenware, not elsewhere specified	4	149	4	5	149
153	Woolen goods	32	1,435	18	9	374
154	Worsted goods	1	107	.....	.....	.....

WYOMING.

1	All industries	41	1,829	43	52	1,608
2	Cars and general shop construction and repairs by steam railroad companies	1	50	2	2	50
3	Cheese, butter, and condensed milk, factory product	1	25	1	1	25
4	Flouring and grist mill products	6	349	3	3	165
5	Iron and steel	1	825	7	15	825
6	Leather, tanned and curried	1	8	1	1	8
7	Lumber and other mill products from logs or bolts	17	477	17	18	445
8	Lumber, planing mill products, including sash, doors, and blinds	3	41	3	3	41
9	Mineral and soda waters	1	8	1	1	8
10	Printing and publishing, newspapers and periodicals	9	38	7	7	33
11	Soap and candles	1	8	1	1	8

TERRITORIES, BY SPECIFIED INDUSTRIES: 1890—Continued.

WISCONSIN—Continued.

WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)	
Total.		Turbine wheels.		Other water wheels.							
Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)		
								20			92
											93
1	20	1	20								94
											95
											96
											97
											98
											99
											100
176	13,075	176	13,075			25					101
							4				102
								10			103
1	6			1	6						104
											105
						1					106
											107
											108
											109
						10	8				110
						14	39	4		29	111
23	83	1	2	22	81	35	31	11	6	4	112
											113
62	6,056	18	3,376	44	2,680						114
2	26			2	26				5		115
											116
											117
											118
											119
							4				120
											121
1	15			1	15						122
											123
						1					124
											125
											126
1	2			1	2						127
											128
											129
											130
									30		131
1	15			1	15			20			132
											133
1	8	1	8								134
											135
						10		25			136
											137
								1			138
1	40	1	40								139
											140
											141
											142
											143
											144
2	44	1	40	1	4						145
											146
											147
											148
1	5	1	5				10	6			149
											150
1	60	1	60								151
											152
37	1,061	16	440	21	621						153
1	107	1	107								154

WYOMING.

9	216	6	196	3	20	5					1
											2
											3
5	184	5	184								4
											5
											6
4	32	1	12	3	20						7
											8
											9
						5					10
											11

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890.

AGRICULTURAL IMPLEMENTS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	760	50,395	922	730	40,074	273	9,557	163	7,397	110	2,160	30	14	599	110	11
Alabama	2	15	2	2	15											
California	25	790	25	26	786								4			
Connecticut	8	675	4	4	136	14	539	3	175	11	364					
Georgia	10	517	12	12	490	1	27	1	27							
Illinois	90	11,731	149	96	9,803	30	1,814	27	1,654	3	160	30		84		
Indiana	43	4,194	56	42	3,749	8	370	6	270	2	100		10	15	50	
Iowa	26	969	34	26	840	2	129			2	129					
Kansas	3	60	3	3	60											
Kentucky	4	870	11	7	870											
Maine	14	1,123	6	6	141	26	982	11	747	15	235					
Maryland	8	186	8	8	186											
Massachusetts	14	1,480	11	8	760	30	712	17	529	13	183			8		
Michigan	60	2,563	75	63	2,306	7	257	5	212	2	45					
Minnesota	16	995	17	13	638	1	3	1	3					350		4
Mississippi	3	50	3	3	50											
Missouri	16	478	17	17	478											
Nebraska	6	66	5	5	62											4
New Hampshire	12	457	1	1	50	16	407	7	227	9	180					
New Jersey	15	266	13	13	131	6	135	3	94	3	41					
New York	103	7,228	112	87	4,514	71	2,629	49	2,262	22	367			35	50	
North Carolina	9	201	7	7	135	5	66			5	66					
Ohio	99	8,377	171	122	8,182	5	140	3	120	2	20			55		
Pennsylvania	72	2,481	69	63	2,099	23	360	12	210	11	150			22		
Rhode Island	1	25	1	1	25											
South Carolina	3	68	3	3	65											3
South Dakota	3	24	3	3	24											
Tennessee	8	331	11	9	331											
Texas	6	126	6	6	126											
Vermont	17	1,133	7	6	286	20	847	16	807	4	40					
Virginia	15	542	16	17	474	5	68			5	68					
Washington	1	25	1	1	25											
West Virginia	1	10	1	1	10											
Wisconsin	47	2,339	62	49	2,227	3	72	2	60	1	12			30	10	

AMMUNITION.

The United States	24	2,256	38	27	2,166	2	40	2	40					50		
California	5	63	6	5	63											
Connecticut	2	1,530	17	6	1,515	1	15	1	15							
Illinois	2	30	1	1	20									10		
Louisiana	1	40	1	1	40											
Maryland	1	24	1	1	24											
Massachusetts	1	40												40		
Michigan	2	29	1	1	4	1	25	1	25							
Missouri	3	180	3	3	180											
Nebraska	1	35	1	1	35											
New York	1	70	1	1	70											
Ohio	3	110	3	3	110											
Pennsylvania	2	105	3	4	105											

ARTIFICIAL FEATHERS AND FLOWERS.

The United States	4	36	4	4	36											
New York	3	11	3	3	11											
Pennsylvania	1	25	1	1	25											

ARTIFICIAL LIMBS.

The United States	7	33	2	2	15							3	13	2		
Illinois	1	3										3				
Louisiana	1	7											7			
Michigan	1	10	1	1	10											
New York	2	6											6			
Pennsylvania	1	5	1	1	5											
Tennessee	1	2												2		

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

ARTISTS' MATERIALS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	13	136	4	4	80							5	4	47		
Indiana	1	35	1	1	35											
Massachusetts	2	18												18		
New York	3	28											4	24		
Ohio	1	15	1	1	15											
Pennsylvania	6	40	2	2	30							5		5		

AWNINGS, TENTS, AND SAILS.

The United States	49	254	13	13	144	4	30			4	30	42	26	12		
California	1	5	1	1	5											
Colorado	1	6	1	1	6											
Illinois	8	57	2	2	25								20	12		
Indiana	1	4	1	1	4											
Iowa	2	3	1	1	2							1				
Maine	1	1	1	1	1											
Massachusetts	5	10	1	1	2							8				
Michigan	2	2										2				
Minnesota	1	1										1				
Missouri	7	37	1	1	25							10	2			
New York	4	10	1	1	6							4				
Ohio	6	25				1	15			1	15	8	2			
Oregon	2	48	2	2	48											
Pennsylvania	1	1										1				
Rhode Island	2	17				3	15			3	15	2				
Texas	1	20	1	1	20											
Utah	1	1										1				
Washington	1	1										1				
Wisconsin	2	5										3	2			

AXLE GREASE.

The United States	11	138	11	11	138											
California	1	40	1	1	40											
Illinois	3	30	3	3	30											
New York	4	45	4	4	45											
Pennsylvania	2	21	2	2	21											
Texas	1	2	1	1	2											

BABBITT METAL AND SOLDER.

The United States	9	101	6	6	83	1	3			1	3			15		
California	1	12												12		
Illinois	1	6	1	1	6											
Maine	1	6	1	1	6											
Maryland	1	15	1	1	15											
Michigan	1	10	1	1	10											
New Jersey	1	3				1	3			1	3					
Oregon	1	3												3		
Pennsylvania	2	46	2	2	46											

BAGGING, FLAX, HEMP, AND JUTE.

The United States	14	3,182	20	15	1,550	11	1,632	10	1,607	1	25					
Alabama	1	60	1	1	35	1	25			1	25					
Connecticut	1	60				1	60	1	60							
Georgia	1	100	1	1	100											
Indiana	3	185	4	4	185											
Kentucky	1	75	2	1	75											
Louisiana	1	150	2	1	150											
Massachusetts	1	1,500				8	1,500	8	1,500							
Missouri	1	200	2	2	200											
New Jersey	1	47				1	47	1	47							
New York	1	230	2	2	230											
South Carolina	1	225	3	2	225											
Texas	1	350	3	1	350											

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BAGS, OTHER THAN PAPER.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	44	1,863	37	29	1,694	1	50	1	50	.....	.....	24	53	42	.....	.....
California	4	299	4	3	277	.....	.....	.....	.....	.....	.....	.....	.....	22	.....	.....
District of Columbia	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....
Illinois	4	47	2	2	41	.....	.....	.....	.....	.....	.....	3	.....	3	.....	.....
Iowa	3	34	2	2	29	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Kansas	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	2	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	10	.....	.....	.....
Maryland	2	62	2	2	62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Minnesota	2	85	3	2	85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	1	75	1	1	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	11	279	9	8	210	1	50	1	50	.....	.....	9	10	.....	.....	.....
Ohio	3	27	1	1	12	.....	.....	.....	.....	.....	.....	5	.....	10	.....	.....
Pennsylvania	4	802	9	4	800	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
South Carolina	2	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23	.....	.....	.....
Virginia	2	83	2	2	83	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

BAGS, PAPER.

The United States	28	949	21	17	532	3	105	2	65	1	40	55	4	239	12	2
Connecticut	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	2	70	2	2	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	2	140	3	2	100	1	40	.....	.....	1	40	.....	.....	.....	.....	.....
Maryland	2	44	1	1	40	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
New Jersey	2	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24	.....	.....
New York	5	132	2	2	50	1	25	1	25	.....	.....	45	.....	.....	12	.....
Ohio	6	114	3	2	37	.....	.....	.....	.....	.....	.....	10	.....	65	.....	2
Pennsylvania	8	423	9	7	233	1	40	1	40	.....	.....	.....	.....	150	.....	.....

BAKING AND YEAST POWDERS.

The United States	41	1,347	39	29	1,052	5	160	3	150	2	10	32	17	86	.....	.....
California	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
Georgia	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....
Illinois	9	330	7	5	261	.....	.....	.....	.....	.....	.....	2	7	60	.....	.....
Indiana	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	1	45	1	1	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Maryland	1	50	2	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	4	301	4	2	150	3	150	3	150	.....	.....	.....	.....	1	.....	.....
Michigan	2	40	3	3	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	2	17	1	1	12	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Nebraska	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	8	286	10	6	265	1	2	.....	.....	1	2	15	4	.....	.....	.....
Ohio	3	29	3	3	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	2	18	1	1	10	1	8	.....	.....	1	8	.....	.....	.....	.....	.....
Wisconsin	1	30	2	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

BASKETS AND RATTAN AND WILLOW WARE.

The United States	60	1,825	58	49	1,680	7	112	1	20	6	92	1	.....	23	5	4
California	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	2	60	2	2	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Indiana	1	50	2	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....
Maryland	2	65	2	2	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	11	624	13	7	588	2	30	1	20	1	10	.....	.....	2	.....	4
Michigan	7	227	5	4	195	2	27	.....	.....	2	27	1	.....	4	.....	.....
Missouri	2	9	2	2	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	6	144	5	5	104	2	40	.....	.....	2	40	.....	.....	.....	.....	.....
New York	15	370	16	14	361	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Ohio	5	144	5	5	144	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	4	66	4	4	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	1	15	.....	.....	.....	1	15	.....	.....	1	15	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BELLOWS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	2	55	2	2	55											
Illinois	1	25	1	1	25											
Ohio	1	30	1	1	30											

BELLS.

The United States	17	314	10	10	188	11	116	5	71	6	45			10		
Connecticut	7	150	2	2	52	9	98	4	59	5	39					
Illinois	1	10												10		
Indiana	1	20	1	1	20											
Kentucky	1	7	1	1	7											
New York	2	19	1	1	1	2	18	1	12	1	6					
Ohio	4	100	4	4	100											
Pennsylvania	1	8	1	1	8											

BELTING AND HOSE, LEATHER.

The United States	59	1,077	38	35	865	3	15			3	15	37		160		
California	3	65	3	3	65											
Connecticut	2	100	3	2	100											
Delaware	1	6										6				
Illinois	3	96	2	1	75									21		
Indiana	1	15	1	1	15											
Maine	1	6				1	6			1	6					
Massachusetts	15	134	6	6	95							16		23		
Michigan	2	18	1	1	15	1	3			1	3					
Minnesota	2	30	2	3	30											
New Jersey	1	20	1	1	20											
New York	17	451	13	12	350									101		
Ohio	4	43	1	1	20							15		8		
Pennsylvania	4	48	2	2	35	1	6			1	6			5		
Rhode Island	3	47	3	2	45									2		

BELTING AND HOSE, LINEN.

The United States	8	404	7	6	321							50		33		
Maryland	2	60	1	1	35									25		
Massachusetts	1	8												8		
New Jersey	1	20	1	1	20											
New York	3	241	4	3	191							50				
Pennsylvania	1	75	1	1	75											

BELTING AND HOSE, RUBBER.

The United States	16	4,962	50	25	3,647	12	1,280	11	1,130	1	150	20		15		
California	1	50	1	1	50											
Connecticut	2	1,300	13	3	500	5	800	5	800							
Illinois	1	497	3	2	477							20				
Massachusetts	3	1,085	12	9	1,075									10		
New Jersey	5	1,165	16	8	1,085	4	80	4	80							
New York	2	405				3	400	2	250	1	150			5		
Pennsylvania	2	460	5	2	460											

BICYCLE AND TRICYCLE REPAIRING.

The United States	19	74	9	9	51							15	1	2		5
California	1	4	1	1	4											
Connecticut	2	5	1	1	4								1			
District of Columbia	1	6	1	1	6											
Indiana	1	1										1				
Massachusetts	8	39	4	4	27							7				5
Minnesota	1	2										2				
New Hampshire	1	8	1	1	8											
New York	1	2	1	1	2											
Rhode Island	2	5										3		2		
Wisconsin	1	2										2				

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BICYCLES AND TRICYCLES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	25	1,558	22	19	1,357	3	155	.....	.....	3	155	2	15	29	.....	.....
Connecticut	2	101	1	1	100	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Illinois	5	805	5	5	790	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....
Indiana	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	7	444	8	5	273	3	155	.....	.....	3	155	.....	.....	16	.....	.....
Michigan	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
New York	4	26	4	4	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	2	87	1	1	85	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Pennsylvania	3	35	2	2	33	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....

BILLIARD TABLES AND MATERIALS.

The United States	16	791	12	10	741	1	25	1	25	.....	.....	.....	4	21	.....	.....
California	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Connecticut	1	90	1	1	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	2	304	4	1	300	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Massachusetts	4	117	3	3	85	1	25	1	25	.....	.....	.....	.....	7	.....	.....
New Jersey	1	30	1	2	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	6	220	2	2	208	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....
Ohio	1	28	1	1	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

BLACKING.

The United States	29	927	20	18	798	1	40	1	40	.....	.....	11	.....	78	.....	.....
Connecticut	1	40	.....	.....	.....	1	40	1	40	.....	.....	.....	.....	.....	.....	.....
Illinois	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Maine	1	75	1	1	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	11	456	10	8	452	.....	.....	.....	.....	.....	.....	1	.....	3	.....	.....
New York	8	227	3	3	160	.....	.....	.....	.....	.....	.....	10	.....	57	.....	.....
Pennsylvania	7	126	6	6	111	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....

BLACKSMITHING AND WHEELWRIGHTING.

The United States	817	7,164	634	635	5,095	155	1,689	67	851	88	838	33	13	141	143	50
Alabama	2	55	3	3	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	19	150	17	16	143	1	3	.....	.....	1	3	1	.....	3	.....	.....
Colorado	2	6	1	1	5	1	1	.....	.....	1	1	.....	.....	.....	.....	.....
Connecticut	29	373	13	13	120	14	202	8	148	6	54	.....	2	1	48	.....
Delaware	6	77	5	5	65	1	12	.....	.....	1	12	.....	.....	.....	.....	.....
District of Columbia	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	2	6	2	2	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	81	709	79	80	599	1	100	1	100	.....	.....	.....	.....	10	.....	.....
Indiana	20	121	20	20	121	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	128	928	125	125	916	1	4	1	4	.....	.....	.....	.....	8	.....	.....
Kansas	31	224	27	27	164	1	50	.....	.....	1	50	.....	.....	.....	.....	10
Kentucky	2	43	2	2	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	2	21	2	3	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	30	297	11	11	74	17	213	6	43	11	170	.....	.....	5	.....	5
Maryland	3	37	3	3	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	63	475	31	31	277	20	145	10	90	10	55	22	.....	27	4	.....
Michigan	27	231	21	21	190	5	35	2	13	3	22	.....	.....	.....	.....	6
Minnesota	25	175	22	23	158	1	8	.....	.....	1	8	.....	.....	.....	.....	9
Mississippi	5	53	5	5	53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	19	116	19	20	115	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Montana	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	17	112	16	16	106	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
New Hampshire	25	317	13	13	140	14	173	8	111	6	62	.....	.....	4	.....	.....
New Jersey	12	85	10	19	79	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	4
New Mexico	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	63	655	39	41	377	19	144	5	31	14	113	6	4	41	77	6
North Carolina	4	30	3	3	20	1	10	.....	.....	1	10	.....	.....	.....	.....	.....
North Dakota	2	30	2	2	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Ohio	28	271	25	25	234	3	33	3	33	.....	.....	.....	.....	4	.....	.....
Oregon	4	32	4	4	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	60	576	51	50	467	15	107	4	42	11	65	1	.....	1	.....	.....
Rhode Island	9	115	4	4	64	2	35	2	35	.....	.....	2	.....	.....	14	.....
South Carolina	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota	4	32	3	3	22	1	10	.....	.....	1	10	.....	.....	.....	.....	.....
Tennessee	6	37	9	6	29	1	8	1	8	.....	.....	.....	.....	.....	.....	.....
Texas	7	54	7	7	54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	32	421	6	6	42	29	349	11	150	18	199	.....	.....	30	.....	.....
Virginia	14	92	7	7	38	7	47	5	43	2	4	.....	7	.....	.....	.....
Washington	3	19	3	3	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	1	0	1	1	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	20	141	19	19	136	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BLUING.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	3	30	2	2	25	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Illinois	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
New York	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

BONE, IVORY, AND LAMP BLACK.

The United States	15	636	28	27	616	1	20	1	20	.....	.....	.....	.....	.....	.....	.....
Illinois	1	90	2	2	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	1	20	2	2	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	2	170	8	8	170	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	2	227	5	4	207	1	20	1	20	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	7	94	9	9	94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

BOOKBINDING AND BLANK-BOOK MAKING.

The United States	262	2,377	52	42	1,131	4	9	1	2	3	7	120	135	963	13	6
California	6	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19	.....	.....
Colorado	3	10	1	1	6	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
Connecticut	4	7	1	1	2	1	2	.....	.....	1	2	1	2	.....	.....	.....
District of Columbia	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Illinois	23	317	5	5	133	1	2	1	2	.....	.....	12	17	153	.....	.....
Indiana	2	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	20	.....	.....
Iowa	2	3	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Kentucky	3	31	2	1	15	.....	.....	.....	.....	.....	.....	.....	16	.....	.....	.....
Maine	1	4	.....	.....	.....	1	4	.....	.....	1	4	.....	.....	.....	.....	.....
Maryland	4	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	5	.....	.....	.....
Massachusetts	38	153	5	4	26	1	1	.....	.....	1	1	12	.....	100	11	3
Michigan	5	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	16	.....	.....	.....
Minnesota	4	31	1	1	1	.....	.....	.....	.....	.....	.....	5	.....	25	.....	.....
New Hampshire	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
New Jersey	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....
New York	94	1,126	18	12	645	.....	.....	.....	.....	.....	.....	36	56	387	.....	2
Ohio	16	191	1	1	75	.....	.....	.....	.....	.....	.....	10	4	101	.....	1
Oregon	2	17	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	3	2	.....
Pennsylvania	37	316	10	9	157	.....	.....	.....	.....	.....	.....	13	14	132	.....	.....
Rhode Island	3	7	1	1	4	.....	.....	.....	.....	.....	.....	2	.....	1	.....	.....
South Dakota	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
Virginia	3	37	2	2	35	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Washington	2	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Wisconsin	4	21	2	1	10	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....

BOOT AND SHOE CUT STOCK.

The United States	242	2,788	92	80	1,900	3	46	2	40	1	6	26	35	765	.....	16
Illinois	4	54	1	1	30	.....	.....	.....	.....	.....	.....	.....	10	14	.....	.....
Kentucky	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Maine	3	38	2	2	37	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Massachusetts	211	2,348	78	68	1,575	2	40	2	40	.....	.....	25	.....	704	.....	4
Missouri	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....
New Hampshire	5	88	5	4	82	1	6	.....	.....	1	6	.....	.....	.....	.....	.....
New Jersey	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
New York	11	178	3	2	126	.....	.....	.....	.....	.....	.....	1	1	38	.....	12
Ohio	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Pennsylvania	3	19	1	1	10	.....	.....	.....	.....	.....	.....	.....	7	2	.....	.....
Wisconsin	1	40	2	2	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

BOOT AND SHOE FINDINGS.

The United States	80	1,849	39	33	908	11	719	10	718	1	1	22	5	193	2	.....
Connecticut	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	3	347	3	2	85	3	260	3	260	.....	.....	.....	.....	.....	2	.....
Maryland	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Massachusetts	65	1,435	31	26	772	8	459	7	458	1	1	21	5	178	.....	.....
New York	5	21	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....
Pennsylvania	3	13	2	2	9	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Rhode Island	2	27	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BOOT AND SHOE UPPERS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam (Horse power.)	Water. (Horse power.)	
The United States	27	138	4	4	73	.....	.....	.....	.....	.....	.....	11	4	50	.....	.....
Illinois	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....
Massachusetts	14	106	4	4	73	.....	.....	.....	.....	.....	.....	5	.....	28	.....	.....
Michigan	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Missouri	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
New Jersey	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....
New York	4	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	12	.....	.....
Ohio	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Pennsylvania	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....

BOOTS AND SHOES, CUSTOM WORK AND REPAIRING.

The United States	17	35	7	8	19	2	5	.....	.....	2	5	3	2	3	.....	3
Alabama	1	4	.....	.....	.....	1	4	.....	.....	1	4	.....	.....	.....	.....	.....
Connecticut	3	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	3
Illinois	2	4	1	1	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Maine	2	2	.....	.....	.....	1	1	.....	.....	1	1	.....	.....	1	.....	.....
Massachusetts	5	6	3	4	4	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Minnesota	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Tennessee	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

BOOTS AND SHOES, FACTORY PRODUCT.

The United States	1,364	30,686	872	738	22,602	40	1,845	23	1,339	17	506	529	309	5,283	29	89
Alabama	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	15	327	9	9	269	.....	.....	.....	.....	.....	.....	30	.....	28	.....	.....
Connecticut	15	204	12	12	188	.....	.....	.....	.....	.....	.....	4	7	5	.....	.....
Delaware	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....
Georgia	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	38	1,069	26	20	869	.....	.....	.....	.....	.....	.....	20	10	170	.....	.....
Indiana	4	58	2	2	45	.....	.....	.....	.....	.....	.....	13	.....	.....	.....	.....
Iowa	5	127	6	5	127	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	9	187	8	7	152	.....	.....	.....	.....	.....	.....	.....	10	25	.....	.....
Louisiana	6	66	2	1	15	.....	.....	.....	.....	.....	.....	33	18	.....	.....	.....
Maine	45	1,382	32	27	889	6	292	4	232	2	60	70	.....	131	.....	.....
Maryland	15	215	5	5	146	.....	.....	.....	.....	.....	.....	46	7	16	.....	.....
Massachusetts	741	15,081	418	346	11,105	11	229	3	64	8	165	175	24	3,501	4	43
Michigan	8	232	6	4	140	.....	.....	.....	.....	.....	.....	22	20	50	.....	.....
Minnesota	5	322	8	5	322	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	24	584	11	11	374	.....	.....	.....	.....	.....	.....	34	30	136	.....	10
Nebraska	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	51	2,036	51	42	1,529	11	432	7	265	4	167	.....	.....	35	15	25
New Jersey	62	998	56	53	945	.....	.....	.....	.....	.....	.....	22	10	17	.....	4
New York	141	4,239	85	72	2,708	5	687	5	687	.....	.....	6	17	817	4	.....
North Carolina	2	50	4	3	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	42	1,033	33	26	854	.....	.....	.....	.....	.....	.....	19	48	112	.....	.....
Oregon	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	92	1,656	69	61	1,319	2	112	.....	.....	2	112	4	25	196	.....	.....
Rhode Island	2	26	1	1	24	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
South Carolina	2	17	.....	.....	.....	1	2	.....	.....	1	2	.....	.....	15	.....	.....
Texas	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	3	62	2	1	25	1	30	1	30	.....	.....	.....	.....	.....	.....	7
Virginia	7	116	6	5	98	.....	.....	.....	.....	.....	.....	10	8	.....	.....	.....
Washington	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	22	477	13	13	293	3	61	3	61	.....	.....	15	75	27	6	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BOOTS AND SHOES, RUBBER.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	11	9,543	110	39	9,243	2	300	2	300							
Connecticut	2	2,150	10	10	1,850	2	300	2	300							
Massachusetts	5	5,068	62	21	5,068											
New Jersey	2	525	9	3	525											
Pennsylvania	1	300	5	1	300											
Rhode Island	1	1,500	15	4	1,500											

BOTTLING.

The United States	160	1,350	134	130	1,234	17	31	8	13	9	18	30		49	5	1
Connecticut	4	20	4	4	20											
Delaware	2	3				2	3			2	3					
District of Columbia	9	55	8	8	54							1				
Georgia	2	12	1	1	6									6		
Illinois	9	40	9	9	40											
Indiana	6	44	6	6	44											
Iowa	5	64	6	6	64											
Kentucky	1	8	1	1	8											
Maryland	2	13				1	3			1	3			10		
Massachusetts	18	159	11	11	136	5	6	2	1	3	5			12	5	
Michigan	5	36	5	5	36											
Missouri	4	62	5	4	62											
Montana	1	10	1	1	10											
Nebraska	1	2	1	1	2											
New Hampshire	2	36	2	2	36											
New Jersey	8	46	9	8	46											
New York	24	116	15	15	87	7	13	6	12	1	1	1		15		
Ohio	7	42	4	4	36	1	2			1	2	3				1
Pennsylvania	38	260	32	32	226	1	4			1	4	24		6		
Rhode Island	3	11	2	2	10							1				
Tennessee	2	225	5	3	225											
Texas	2	11	2	2	11											
Virginia	3	35	3	3	35											
Washington	2	40	2	2	40											

BOXES, CIGAR.

The United States	215	4,459	170	160	3,832	9	192	4	83	5	109	12	22	372	21	8
California	5	485	8	5	470									15		
Connecticut	3	8	1	1	5									3		
District of Columbia	1	8	1	1	8											
Florida	1	35	1	1	35											
Illinois	9	103	7	7	94									9		
Indiana	4	54	3	3	50								4			
Iowa	4	25	4	4	25											
Kansas	1	40	1	1	40											
Kentucky	3	17	3	3	17											
Louisiana	1	60	1	1	60											
Maryland	9	97	5	6	85							2	7			3
Massachusetts	7	111	3	3	58	1	40			1	40			13		
Michigan	9	169	7	7	149							5		15		
Minnesota	2	13	1	1	8									5		
Missouri	3	217	4	3	217											
Nebraska	2	29	1	1	25									4		
New Jersey	4	50	2	2	23									27		
New York	47	1,601	31	26	1,228	5	135	3	75	2	60		7	210	16	5
Ohio	18	239	10	10	188	1	4			1	4	4	4	39		
Pennsylvania	75	958	69	68	912	2	13	1	8	1	5	1		32		
Virginia	1	8	1	1	8											
Wisconsin	6	132	6	5	127										5	

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BOXES, FANCY AND PAPER.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	305	5,015	173	150	3,382	16	450	11	405	5	45	87	86	983	19	8
California	2	3										3				
Connecticut	30	293	21	20	202	1	40	1	40				10	36	5	
Georgia	1	8												8		
Illinois	16	289	9	6	159	1	3			1	3	1	2	124		
Indiana	1	4	2	1	4											
Iowa	1	4											4			
Kentucky	1	4											4			
Louisiana	2	35	2	2	35											
Maine	7	83	2	1	12	3	61	2	60	1	1	3		7		
Maryland	5	29	3	3	18							11				
Massachusetts	62	718	31	28	539							36	8	130	2	3
Michigan	5	35	3	3	20							3		10	2	
Minnesota	2	14	1	1	12									2		
Missouri	6	93	3	3	82							6				6
New Hampshire	8	221	3	3	59	6	158	4	120	2	38			3	1	
New Jersey	16	242	7	6	107	1	34	1	34					98	3	
New York	82	2,038	45	34	1,412	1	117	1	117			9	41	453	6	
North Carolina	1	6	1	1	6											
Ohio	10	205	4	4	152							3		50		
Pennsylvania	32	501	24	23	410	1	12	1	12			2	17	60		
Rhode Island	4	37	3	3	35									2		
Tennessee	1	6	1	1	6											
Vermont	2	40	1	1	15	2	25	1	22	1	3					
Virginia	3	62	3	2	56							6				
West Virginia	2	12	1	1	8							4				
Wisconsin	3	33	3	3	33											

BOXES, WOODEN PACKING.

The United States	505	26,916	483	395	21,950	133	3,672	78	2,102	55	1,570	60	4	1,098	132	
Alabama	2	60	2	2	60											
Arkansas	2	190	4	3	190											
California	18	1,645	19	15	1,375	6	268	5	228	1	40			2		
Colorado	2	33	2	2	33											
Connecticut	9	212	5	6	163	1	25	1	25					24		
Delaware	3	115	2	3	100							15				
Florida	1	12	1	1	12											
Georgia	2	120	2	3	120											
Illinois	16	1,957	24	18	1,956									1		
Indiana	6	204	9	6	204											
Iowa	6	249	6	5	245								4			
Kansas	1	6	1	1	6											
Kentucky	4	435	6	5	435											
Louisiana	5	322	6	6	322											
Maine	11	725	9	6	370	6	290	4	170	2	120			40	25	
Maryland	15	1,100	23	17	1,050									50		
Massachusetts	83	3,420	68	53	2,227	36	919	28	794	8	125	5		207	62	
Michigan	22	1,505	29	22	1,485	1	20	1	20							
Minnesota	5	370	3	2	180									190		
Missouri	24	989	21	18	851							22		116		
New Hampshire	28	1,281	14	13	516	27	740	16	443	11	297			25		
New Jersey	14	410	14	12	350									60		
New York	90	5,485	75	58	4,117	37	1,083	13	242	24	841	13		227	45	
North Carolina	5	141	5	6	141											
Ohio	25	1,155	24	22	1,104									51		
Oregon	1	240	3	2	200									40		
Pennsylvania	44	1,717	45	39	1,661							5		51		
Rhode Island	3	260	4	3	260											
South Carolina	2	215	3	3	215											
Tennessee	3	275	5	4	275											
Vermont	17	873	13	8	633	14	240	8	125	6	115					
Virginia	18	374	16	15	327	3	37	1	25	2	12			10		
Washington	2	53	1	1	3	2	50	1	30	1	20					
West Virginia	1	10	1	1	10											
Wisconsin	15	758	18	14	754									4		

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BRASS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	7	1,721	20	13	1,621	2	100	2	100	.....	.....	.....	.....	.....	.....	.....
Connecticut	3	1,662	16	9	1,562	2	100	2	100	.....	.....	.....	.....	.....	.....	.....
Massachusetts	2	50	2	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	2	9	2	2	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

BRASS AND COPPER, ROLLED.

The United States	16	7,991	70	45	6,861	17	1,130	14	895	3	235	.....	.....	.....	.....	.....
Connecticut	5	2,645	18	12	1,750	11	895	8	660	3	235	.....	.....	.....	.....	.....
Massachusetts	3	1,910	21	12	1,710	4	200	4	200	.....	.....	.....	.....	.....	.....	.....
Michigan	1	700	4	2	700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	4	715	10	10	680	2	35	2	35	.....	.....	.....	.....	.....	.....	.....
New York	2	1,150	11	5	1,150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	871	6	4	871	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

BRASS CASTINGS AND BRASS FINISHING.

The United States	286	10,721	247	208	8,660	17	1,265	9	735	8	530	45	20	718	13	.....
Alabama	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	8	62	2	2	22	.....	.....	.....	.....	.....	.....	1	.....	39	.....	.....
Connecticut	13	5,879	58	31	4,610	14	1,225	8	705	6	520	.....	.....	34	10	.....
Delaware	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	27	343	13	12	223	1	30	1	30	.....	.....	.....	.....	90	.....	.....
Indiana	3	36	3	3	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	3	36	3	3	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	2	8	2	2	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	3	11	2	2	9	1	2	.....	.....	1	2	.....	.....	.....	.....	.....
Maryland	4	309	7	6	307	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Massachusetts	38	392	13	12	309	.....	.....	.....	.....	.....	.....	3	.....	77	3	.....
Michigan	13	367	12	11	343	.....	.....	.....	.....	.....	.....	9	.....	15	.....	.....
Minnesota	4	19	2	2	15	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Missouri	7	153	7	7	138	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
New Hampshire	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....
New Jersey	15	194	10	10	172	.....	.....	.....	.....	.....	.....	5	.....	17	.....	.....
New York	51	978	32	31	685	1	8	.....	.....	1	8	.....	5	280	.....	.....
Ohio	36	840	25	22	699	.....	.....	.....	.....	.....	.....	20	15	106	.....	.....
Oregon	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	41	817	39	35	790	.....	.....	.....	.....	.....	.....	.....	.....	27	.....	.....
Rhode Island	5	44	5	5	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....
Washington	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	4	156	5	5	156	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BRASSWARE.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	83	6,953	93	65	5,767	10	800	8	735	2	65	12	.....	318	49	7
Connecticut	22	5,726	65	41	4,882	10	800	8	735	2	65	.....	.....	9	35	.....
Illinois	3	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....
Massachusetts	8	65	2	1	50	.....	.....	.....	.....	.....	.....	.....	.....	11	4	.....
Missouri	2	18	1	1	8	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
New Jersey	3	113	2	1	100	.....	.....	.....	.....	.....	.....	.....	.....	3	10	.....
New York	31	677	13	10	421	.....	.....	.....	.....	.....	.....	1	.....	255	.....	.....
Ohio	3	42	2	2	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Pennsylvania	8	117	4	4	86	.....	.....	.....	.....	.....	.....	1	.....	30	.....	.....
Rhode Island	2	51	2	1	50	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Wisconsin	1	135	2	4	135	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

BREAD AND OTHER BAKERY PRODUCTS.

The United States	554	10,130	497	483	9,148	32	590	6	482	26	108	107	218	55	.....	12
Alabama	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	8	193	9	7	192	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Colorado	6	125	6	6	100	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
Connecticut	14	136	5	5	110	4	9	.....	.....	4	9	4	13	.....	.....	.....
Delaware	3	37	2	2	35	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
District of Columbia	9	100	8	8	93	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Florida	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Georgia	6	148	6	6	148	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	31	638	26	22	589	2	8	.....	.....	2	8	12	29	.....	.....	.....
Indiana	21	309	19	19	297	.....	.....	.....	.....	.....	.....	.....	12	.....	.....	.....
Iowa	18	262	17	17	261	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Kansas	5	62	5	5	62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	6	208	7	6	208	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	5	171	5	5	166	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Maine	8	169	8	7	168	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Maryland	16	265	15	13	260	2	2	.....	.....	2	2	1	2	.....	.....	.....
Massachusetts	47	690	45	60	667	1	2	.....	.....	1	2	17	2	.....	.....	2
Michigan	19	419	18	17	411	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....
Minnesota	6	56	3	3	48	.....	.....	.....	.....	.....	.....	2	.....	5	.....	1
Missouri	12	177	9	9	138	.....	.....	.....	.....	.....	.....	10	29	.....	.....	.....
Nebraska	5	191	6	6	191	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	4	32	3	3	30	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
New Jersey	19	249	14	14	227	2	3	.....	.....	2	3	3	16	.....	.....	.....
New York	87	1,940	74	72	1,499	7	339	3	302	4	37	2	68	23	.....	9
North Carolina	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	53	1,273	55	53	1,046	5	191	3	180	2	11	33	3	.....	.....	.....
Oregon	3	48	3	3	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	91	1,335	84	84	1,304	5	18	.....	.....	5	18	.....	13	.....	.....	.....
Rhode Island	5	77	3	3	70	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....
South Carolina	3	32	2	2	31	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
South Dakota	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	5	188	6	5	188	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	3	45	3	3	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	4	52	5	4	51	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Vermont	8	91	7	7	79	1	12	.....	.....	1	12	.....	.....	.....	.....	.....
Virginia	9	171	7	7	156	.....	.....	.....	.....	.....	.....	5	10	.....	.....	.....
Washington	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	2	5	.....	.....	.....	1	4	.....	.....	1	4	1	.....	.....	.....	.....
Wisconsin	8	148	8	6	146	2	2	.....	.....	2	2	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BRICK AND TILE.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	2,840	111,662	3,413	3,159	110,960	24	393	16	275	8	118	.....	.....	252	6	51
Alabama	31	1,289	36	34	1,221	1	25	.....	.....	1	25	.....	.....	43	.....	.....
Arkansas	12	461	14	12	461	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	10	865	17	17	865	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	22	1,282	30	27	1,282	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	20	799	28	27	799	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	5	275	7	6	275	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	8	360	12	14	360	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	8	373	11	12	373	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	48	1,928	56	53	1,928	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Illinois	333	13,975	415	372	13,970	2	5	2	5	.....	.....	.....	.....	.....	.....	.....
Indiana	417	8,179	435	421	8,051	4	78	4	78	.....	.....	.....	.....	30	.....	20
Iowa	105	3,341	113	107	3,301	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	.....
Kansas	27	1,688	31	28	1,645	1	40	1	40	.....	.....	.....	.....	.....	.....	3
Kentucky	25	937	29	26	937	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	8	302	9	9	302	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	10	309	9	8	303	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
Maryland	24	1,277	40	35	1,277	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	57	2,741	80	69	2,715	2	26	1	1	1	25	.....	.....	.....	.....	.....
Michigan	132	3,913	138	133	3,873	1	40	1	40	.....	.....	.....	.....	.....	.....	.....
Minnesota	59	1,824	62	60	1,813	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....
Mississippi	11	297	10	10	287	1	10	1	10	.....	.....	.....	.....	.....	.....	.....
Missouri	74	3,756	99	88	3,748	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
Montana	7	265	8	7	265	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	45	2,197	52	47	2,177	2	20	2	20	.....	.....	.....	.....	.....	.....	.....
New Hampshire	10	383	10	10	383	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	67	4,690	107	83	4,690	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	195	12,669	260	229	12,594	2	45	1	30	1	15	.....	.....	30	.....	.....
North Carolina	24	510	24	24	510	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Dakota	3	42	3	3	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	492	15,056	544	513	14,950	1	8	.....	.....	1	8	.....	.....	98	.....	.....
Oregon	17	320	18	17	318	1	2	.....	.....	1	2	.....	.....	.....	.....	.....
Pennsylvania	257	14,189	356	313	14,130	3	43	.....	.....	3	43	.....	.....	.....	6	10
Rhode Island	2	280	8	3	280	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	20	497	22	21	497	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota	8	161	7	7	131	1	30	1	30	.....	.....	.....	.....	.....	.....	.....
Tennessee	32	1,629	49	47	1,629	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	30	1,204	34	34	1,204	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	10	286	11	11	286	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	50	1,906	62	61	1,906	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	40	1,637	47	44	1,637	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	12	703	20	16	703	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	72	2,864	90	101	2,842	2	21	2	21	.....	.....	.....	.....	.....	.....	1

BRIDGES.

The United States	81	8,412	223	227	8,215	4	30	4	30	.....	.....	55	.....	12	.....	100
California	4	362	11	15	362	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	24	2	2	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	1	36	3	3	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	4	1,950	27	26	1,950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	4	133	5	4	133	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	2	34	2	3	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	120	3	3	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	8	131	22	22	131	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	3	1,010	15	26	1,010	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	2	52	5	5	52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	4	953	14	15	953	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	3	186	6	8	181	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
New York	13	1,225	38	36	1,095	4	30	4	30	.....	.....	.....	.....	.....	.....	100
Ohio	10	537	17	12	502	.....	.....	.....	.....	.....	.....	35	.....	.....	.....	.....
Oregon	3	109	5	5	82	.....	.....	.....	.....	.....	.....	15	.....	12	.....	.....
Pennsylvania	13	1,428	41	36	1,428	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	1	14	2	2	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	40	2	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

BRONZE CASTINGS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	10	242	9	9	224	.....	.....	.....	.....	.....	.....	.....	.....	18	.....	.....
Illinois	1	40	2	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
New Jersey	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	4	68	2	2	51	.....	.....	.....	.....	.....	.....	.....	.....	17	.....	.....
Ohio	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	2	105	3	4	105	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

BROOMS AND BRUSHES.

The United States	156	2,021	96	98	1,534	11	200	8	184	3	16	69	25	182	9	2
California	4	19	1	1	6	.....	.....	.....	.....	.....	.....	.....	11	2	.....	.....
Connecticut	4	41	.....	.....	.....	3	40	2	35	1	5	1	.....	.....	.....	.....
Florida	1	25	2	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	9	71	5	5	53	1	6	.....	.....	1	6	.....	.....	12	.....	.....
Indiana	5	112	4	4	104	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....
Iowa	3	15	1	1	4	.....	.....	.....	.....	.....	.....	11	.....	.....	.....	.....
Kentucky	2	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....
Louisiana	2	20	1	1	10	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Maine	2	16	.....	.....	.....	1	15	1	15	.....	.....	1	.....	.....	.....	.....
Maryland	4	44	3	3	42	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Massachusetts	18	187	11	9	166	1	5	1	5	.....	.....	9	.....	7	.....	.....
Michigan	7	78	4	4	23	1	48	1	48	.....	.....	1	.....	6	.....	.....
Missouri	4	98	2	2	40	.....	.....	.....	.....	.....	.....	3	.....	55	.....	.....
Nebraska	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
New Hampshire	2	78	.....	.....	.....	2	75	2	75	.....	.....	.....	.....	3	.....	.....
New Jersey	6	22	2	2	7	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
New York	40	537	27	27	493	.....	.....	.....	.....	.....	.....	17	6	19	.....	2
Ohio	13	386	13	12	358	1	5	.....	.....	1	5	10	.....	13	.....	.....
Oregon	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	19	143	14	21	124	1	6	1	6	.....	.....	2	2	5	4	.....
Rhode Island	5	54	3	2	40	.....	.....	.....	.....	.....	.....	.....	.....	9	5	.....
Vermont	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
Virginia	1	28	1	1	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	2	8	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....

BUTTONS.

The United States	80	1,681	43	33	1,176	10	171	9	168	1	3	1	10	323	.....	.....
Connecticut	14	509	12	11	335	7	145	7	145	.....	.....	.....	.....	29	.....	.....
Illinois	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Maryland	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....
Massachusetts	14	408	14	8	375	3	26	2	23	1	3	1	.....	6	.....	.....
New Jersey	17	250	7	6	205	.....	.....	.....	.....	.....	.....	.....	.....	45	.....	.....
New York	18	333	6	4	156	.....	.....	.....	.....	.....	.....	.....	10	167	.....	.....
Pennsylvania	11	148	4	4	105	.....	.....	.....	.....	.....	.....	.....	.....	43	.....	.....
Rhode Island	3	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21	.....	.....

CALCIUM LIGHTS.

The United States	9	32	4	4	13	.....	.....	.....	.....	.....	.....	.....	.....	19	.....	.....
Missouri	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
New York	3	13	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....
Ohio	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Pennsylvania	3	6	2	2	5	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Wisconsin	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CARDBOARD.

The United States	5	338	5	3	325	.....	.....	.....	.....	.....	.....	.....	.....	13	.....	.....
Massachusetts	1	150	3	1	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	4	188	2	2	175	.....	.....	.....	.....	.....	.....	.....	.....	13	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CARD CUTTING AND DESIGNING.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	9	34	2	2	8	.....	.....	.....	.....	.....	.....	19	1	5	1	.....
Massachusetts	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....
New Jersey	4	7	1	1	2	.....	.....	.....	.....	.....	.....	4	.....	.....	1	.....
New York	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Pennsylvania	3	11	1	1	6	.....	.....	.....	.....	.....	.....	.....	1	4	.....	.....

CARPENTERING.

The United States	1,185	23,392	806	787	17,370	97	2,625	43	1,223	54	1,402	236	266	2,576	206	113
Alabama	4	74	4	4	74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	27	282	13	22	215	.....	.....	.....	.....	.....	.....	.....	25	42	.....	.....
Colorado	4	46	4	4	46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	69	1,002	49	49	749	6	65	3	29	3	36	.....	7	158	18	5
Delaware	1	6	.....	.....	.....	1	6	.....	.....	1	6	.....	.....	.....	.....	.....
District of Columbia	3	21	3	3	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	2	20	2	2	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	6	163	4	4	77	4	75	.....	.....	4	75	.....	.....	11	.....	.....
Illinois	87	1,420	60	60	1,016	5	160	4	150	1	10	6	10	228	.....	.....
Indiana	30	705	28	27	679	.....	.....	.....	.....	.....	.....	.....	.....	26	.....	.....
Iowa	41	464	39	38	448	1	10	.....	.....	1	10	.....	.....	4	2	.....
Kansas	8	104	8	8	104	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	4	67	4	4	67	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	1	15	2	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	12	240	7	5	95	2	65	.....	.....	2	65	.....	.....	11	69	.....
Maryland	4	100	3	3	55	1	45	1	45	.....	.....	.....	.....	.....	.....	.....
Massachusetts	189	2,842	77	70	1,989	9	128	6	112	3	16	69	24	590	32	10
Michigan	38	1,073	33	30	913	5	105	3	65	2	40	.....	.....	40	.....	15
Minnesota	13	239	15	16	230	.....	.....	.....	.....	.....	.....	4	.....	5	.....	.....
Mississippi	2	32	2	2	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	37	635	34	32	588	2	9	.....	.....	2	9	3	.....	21	.....	14
Nebraska	15	227	13	13	163	1	60	.....	.....	1	60	.....	.....	.....	.....	4
New Hampshire	21	566	7	6	181	8	279	6	236	2	43	.....	.....	86	20	.....
New Jersey	60	1,245	45	43	1,069	1	8	1	8	.....	.....	9	36	123	.....	.....
New Mexico	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
New York	235	5,622	128	123	3,351	34	1,069	9	201	25	868	73	115	901	65	48
North Carolina	4	175	4	4	175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Dakota	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Ohio	70	1,701	54	54	1,458	2	65	.....	.....	2	65	27	15	136	.....	.....
Oregon	7	290	7	7	282	1	8	.....	.....	1	8	.....	.....	.....	.....	.....
Pennsylvania	94	1,797	84	80	1,658	1	12	1	12	.....	.....	30	27	65	.....	5
Rhode Island	22	355	12	11	258	.....	.....	.....	.....	.....	.....	8	.....	89	.....	.....
South Carolina	6	234	8	9	234	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota	2	13	2	2	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	2	17	1	1	10	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Texas	6	180	6	6	180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	4	112	2	2	65	2	47	2	47	.....	.....	.....	.....	.....	.....	.....
Vermont	17	452	6	6	111	8	301	5	213	3	88	.....	.....	30	.....	10
Virginia	12	371	12	12	256	3	108	2	105	1	3	7	.....	.....	.....	.....
Washington	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	2	14	2	2	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	20	407	20	20	407	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CARPETS AND RUGS, OTHER THAN RAG.

The United States	119	22,684	297	130	20,146	22	2,531	16	2,236	6	295	.....	7	.....	.....	.....
Connecticut	2	1,175	25	6	1,175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	7	4,576	56	14	3,935	6	641	4	581	2	60	.....	.....	.....	.....	.....
New Jersey	6	420	6	7	160	2	260	2	260	.....	.....	.....	.....	.....	.....	.....
New York	14	7,615	70	28	6,010	13	1,605	10	1,395	3	210	.....	.....	.....	.....	.....
Pennsylvania	90	8,898	140	75	8,866	1	25	.....	.....	1	25	.....	7	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CARPETS, RAG.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	10	64	6	6	47	2	15	.....	.....	2	15	2	.....	.....	.....	.....
Indiana	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
New York	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	6	42	3	3	26	2	15	.....	.....	2	15	1	.....	.....	.....	.....

CARPETS, WOOD.

The United States	4	270	4	3	245	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
Illinois	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
New York	2	210	3	2	210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CARRIAGE AND WAGON MATERIALS.

The United States	319	16,873	347	287	14,765	51	1,444	37	1,120	14	324	26	50	588	.....	.....
Arkansas	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	33	1,484	28	24	960	13	488	9	315	4	173	.....	.....	36	.....	.....
Delaware	3	115	2	2	80	1	20	.....	.....	1	20	15	.....	.....	.....	.....
Georgia	1	80	1	2	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	8	230	7	7	222	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....
Indiana	34	3,411	59	42	3,371	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	.....
Kentucky	6	480	11	10	480	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	2	50	2	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	2	55	1	1	25	2	30	2	30	.....	.....	.....	.....	.....	.....	.....
Maryland	7	181	4	4	108	5	65	5	65	.....	.....	.....	.....	8	.....	.....
Massachusetts	21	1,258	17	15	983	3	175	3	175	.....	.....	5	.....	95	.....	.....
Michigan	13	862	16	14	812	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....
Missouri	3	126	2	2	80	.....	.....	.....	.....	.....	.....	.....	46	.....	.....	.....
New Hampshire	5	340	2	1	100	7	240	7	240	.....	.....	.....	.....	.....	.....	.....
New Jersey	13	332	10	8	308	.....	.....	.....	.....	.....	.....	.....	.....	24	.....	.....
New York	41	1,524	38	32	1,074	11	269	8	217	3	52	.....	.....	181	.....	.....
North Carolina	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	68	3,555	77	63	3,432	1	8	.....	.....	1	8	6	4	105	.....	.....
Oregon	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	44	2,240	55	45	2,164	4	44	2	18	2	26	.....	.....	41	.....	.....
Rhode Island	3	36	2	2	16	1	20	.....	.....	1	20	.....	.....	.....	.....	.....
Tennessee	3	175	4	3	175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	2	65	.....	.....	.....	2	65	1	60	1	5	.....	.....	.....	.....	.....
West Virginia	1	150	3	2	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	2	40	2	2	20	1	20	.....	.....	1	20	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CARRIAGES AND SLEDS, CHILDREN'S.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	35	2,052	39	36	1,778	7	224	6	220	1	4	10	.....	40	.....	.....
Illinois	3	245	4	3	245	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	100	3	2	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	6	519	8	7	375	2	129	1	125	1	4	.....	.....	15	.....	.....
Michigan	3	80	2	2	55	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
Minnesota	1	26	1	1	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	2	50	1	1	40	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
New Jersey	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	6	355	6	7	285	3	70	3	70	.....	.....	.....	.....	.....	.....	.....
Ohio	4	285	6	4	285	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	3	47	3	3	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	1	100	1	2	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	3	190	2	2	165	2	25	2	25	.....	.....	.....	.....	.....	.....	.....

CARRIAGES AND WAGONS, INCLUDING CUSTOM WORK AND REPAIRING.

The United States	1,252	32,585	1,156	1,058	27,245	165	3,442	76	2,327	89	1,115	117	167	1,484	99	31
Alabama	7	251	7	7	216	1	35	.....	.....	1	35	.....	.....	.....	.....	.....
Arkansas	6	84	7	7	84	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	30	323	19	19	256	.....	.....	.....	.....	.....	.....	15	49	3	.....	.....
Colorado	5	120	5	5	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	43	719	27	24	408	20	271	14	221	6	50	.....	20	20	.....	.....
Delaware	8	120	5	5	101	.....	.....	.....	.....	.....	.....	5	14	.....	.....	.....
District of Columbia	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	4	39	3	3	24	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....
Georgia	20	415	20	20	345	2	60	2	60	.....	.....	.....	.....	10	.....	.....
Illinois	88	2,868	96	84	2,617	3	130	2	120	1	10	.....	4	51	63	3
Indiana	49	3,064	50	48	2,084	4	215	3	190	1	25	.....	.....	765	.....	.....
Iowa	64	1,262	65	64	1,250	1	10	.....	.....	1	10	.....	.....	.....	2	.....
Kansas	6	336	13	6	324	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....
Kentucky	7	572	10	7	562	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Louisiana	4	169	4	3	159	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....
Maine	30	435	16	16	177	14	254	4	72	10	182	4	.....	.....	.....	.....
Maryland	4	55	3	3	46	1	9	1	9	.....	.....	.....	.....	.....	.....	.....
Massachusetts	61	1,446	66	65	1,126	8	75	4	27	4	48	46	21	178	.....	.....
Michigan	61	1,866	60	52	1,640	8	126	1	35	7	91	3	.....	97	.....	.....
Minnesota	43	752	42	39	678	2	52	2	52	.....	.....	.....	7	.....	.....	15
Mississippi	4	85	4	4	85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	45	1,172	46	43	1,132	.....	.....	.....	.....	.....	.....	5	.....	35	.....	.....
Montana	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Nebraska	6	71	6	6	71	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	28	403	15	13	217	12	144	5	88	7	56	.....	.....	42	.....	.....
New Jersey	29	478	31	28	473	1	2	.....	.....	1	2	.....	.....	3	.....	.....
New York	183	5,413	153	142	3,736	49	1,550	23	1,208	26	342	4	.....	91	29	3
North Carolina	19	384	17	20	356	3	28	1	8	2	20	.....	.....	.....	.....	.....
Ohio	90	3,906	102	84	3,753	3	62	.....	.....	3	62	.....	20	66	5	.....
Oregon	5	94	5	5	94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	105	1,707	95	91	1,614	8	45	4	23	4	22	1	.....	45	.....	2
Rhode Island	12	92	10	10	64	.....	.....	.....	.....	.....	.....	20	.....	.....	.....	8
South Carolina	10	154	9	9	142	1	12	.....	.....	1	12	.....	.....	.....	.....	.....
South Dakota	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	10	171	11	10	171	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	6	89	6	6	89	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	29	459	14	14	138	17	321	9	189	8	132	.....	.....	.....	.....	.....
Virginia	20	305	15	15	264	6	16	.....	.....	6	16	.....	.....	25	.....	.....
Washington	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
West Virginia	8	384	9	8	384	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	68	2,280	79	71	2,214	1	25	1	25	.....	.....	.....	.....	41	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM RAILROAD COMPANIES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	491	44,784	1,056	845	44,297	4	260	2	135	2	125	167	.....	30	.....	30
Alabama	8	650	13	13	650	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arizona	2	26	2	2	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas	6	315	9	9	315	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	7	1,089	16	27	1,089	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	7	675	23	10	675	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	8	474	12	10	474	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	2	246	10	7	246	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	3	32	3	3	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	6	227	7	7	227	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	10	420	12	12	370	1	50	1	50	.....	.....	.....	.....	.....	.....	.....
Illinois	43	3,680	94	67	3,655	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
Indian territory	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	26	3,015	58	43	3,015	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	29	1,905	52	35	1,905	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	15	1,370	31	19	1,370	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	8	279	9	8	279	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	3	100	2	2	95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Maine	5	179	6	5	149	.....	.....	.....	.....	.....	.....	.....	.....	30	.....	.....
Maryland	8	1,054	27	18	1,054	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	14	1,150	25	17	1,150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	12	879	21	19	879	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	8	1,730	30	20	1,730	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mississippi	2	140	3	3	140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	14	1,062	25	20	1,062	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montana	3	155	7	3	155	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	7	760	16	14	760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nevada	5	200	5	5	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	2	90	2	2	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	17	1,678	36	29	1,678	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Mexico	3	140	4	3	140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	37	3,120	80	55	3,070	1	50	.....	.....	1	50	.....	.....	.....	.....	.....
North Carolina	5	283	7	7	283	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Dakota	2	88	6	2	88	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	41	2,629	67	62	2,629	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon	5	370	17	8	370	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	53	9,988	210	184	9,746	1	75	.....	.....	1	75	167	.....	.....	.....	.....
Rhode Island	2	56	2	2	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	3	420	8	8	420	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota	2	65	3	2	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	8	380	12	10	380	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	14	1,003	21	22	1,003	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	4	895	10	7	895	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	6	318	9	9	318	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	4	237	5	5	237	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	5	301	10	9	301	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	14	796	25	17	711	1	85	1	85	.....	.....	.....	.....	.....	.....	.....
Wyoming	1	50	2	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STREET RAILROAD COMPANIES.

The United States	21	1,908	24	21	1,031	.....	.....	.....	.....	.....	.....	50	.....	527	.....	300
Alabama	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	5	777	5	3	250	.....	.....	.....	.....	.....	.....	.....	.....	527	.....	.....
Illinois	3	170	4	3	170	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	1	25	2	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	3	280	3	4	280	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	2	80	1	1	30	.....	.....	.....	.....	.....	.....	50	.....	.....	.....	.....
Oregon	2	475	3	3	175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	300
Pennsylvania	3	70	4	4	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CARS, STEAM RAILROAD, NOT INCLUDING OPERATIONS OF RAILROAD COMPANIES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	67	27,354	333	209	27,236	2	50	2	50	.....	.....	50	.....	18	.....	.....
Alabama	3	1,510	25	12	1,510	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	3	975	14	12	975	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	1	80	2	1	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	9	7,798	66	30	7,780	.....	.....	.....	.....	.....	.....	.....	.....	18	.....	.....
Indiana	4	3,010	33	26	3,010	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	1	250	3	1	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	60	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	3	305	5	3	305	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	4	2,020	18	9	2,020	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	2	1,445	12	8	1,445	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	5	1,730	18	10	1,730	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	100	4	2	50	2	50	2	50	.....	.....	.....	.....	.....	.....	.....
New York	5	1,837	19	16	1,837	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Carolina	1	100	2	1	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	5	1,525	24	14	1,525	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	15	2,854	58	43	2,804	.....	.....	.....	.....	.....	.....	50	.....	.....	.....	.....
Tennessee	2	405	6	3	405	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	500	10	9	500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	1	850	13	8	850	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CARS, STREET RAILROAD, NOT INCLUDING OPERATIONS OF RAILROAD COMPANIES.

The United States	14	1,326	21	16	1,320	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
California	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	2	45	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Minnesota	1	100	2	1	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	3	525	6	4	525	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
New York	6	615	11	9	615	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CELLULOID AND CELLULOID GOODS.

The United States	10	1,323	23	10	1,322	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Massachusetts	2	475	8	2	475	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Minnesota	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	3	635	10	4	635	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	2	170	3	2	170	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CHEESE AND BUTTER, URBAN DAIRY PRODUCT.

The United States	50	605	65	63	569	.....	.....	.....	.....	.....	.....	.....	8	26	.....	2
California	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
District of Columbia	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Illinois	1	7	1	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	3	29	3	3	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	3	22	3	3	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	2	21	2	2	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	6	101	7	6	101	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	4	192	20	20	190	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Missouri	3	37	4	4	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	8	54	6	6	33	.....	.....	.....	.....	.....	.....	.....	.....	21	.....	.....
Ohio	2	11	3	2	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	12	87	12	12	83	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Vermont	1	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CHEESE, BUTTER, AND CONDENSED MILK, FACTORY PRODUCT.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	2,618	25,526	2,855	2,850	24,607	62	734	26	375	36	359	.....	.....	150	33	2
California	7	67	7	7	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Colorado	6	44	6	6	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	48	278	48	48	278	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	5	55	5	5	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	262	2,896	290	292	2,890	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Indiana	30	181	29	30	178	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Iowa	416	4,850	478	478	4,787	7	63	5	46	2	17	.....	.....	.....	.....	.....
Kansas	87	854	88	87	854	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	27	281	28	28	281	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	23	233	22	23	227	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Massachusetts	22	180	22	22	180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	59	501	58	56	455	.....	.....	.....	.....	.....	.....	.....	.....	46	.....	.....
Minnesota	80	666	77	76	577	.....	.....	.....	.....	.....	.....	.....	.....	89	.....	.....
Missouri	49	474	49	49	468	2	6	.....	.....	2	6	.....	.....	.....	.....	.....
Montana	1	4	.....	.....	.....	1	4	.....	.....	1	4	.....	.....	.....	.....	.....
Nebraska	47	441	47	48	441	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	22	287	22	21	247	2	40	1	10	1	30	.....	.....	.....	.....	.....
New Jersey	16	145	15	15	139	1	3	.....	.....	1	3	.....	.....	.....	3	.....
New York	681	5,060	722	714	4,694	29	366	7	162	22	204	.....	.....	.....	.....	.....
North Dakota	10	80	10	10	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	157	1,673	201	203	1,673	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon	8	56	8	8	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	281	3,378	301	304	3,267	10	111	7	63	3	48	.....	.....	.....	.....	.....
Rhode Island	2	17	2	2	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota	10	84	10	10	84	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	4	89	3	3	74	1	15	1	15	.....	.....	.....	.....	.....	.....	.....
Texas	3	30	3	3	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	68	751	90	89	640	6	91	4	77	2	14	.....	.....	.....	20	.....
Virginia	11	112	15	15	112	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	3	24	3	3	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	170	1,694	193	192	1,649	3	35	1	2	2	33	.....	.....	.....	10	.....
Wyoming	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CHEMICALS.

The United States	311	28,695	654	529	28,231	46	91	.....	.....	46	91	68	32	268	.....	5
California	14	685	20	22	685	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	3	165	5	3	165	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	2	175	6	4	175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	1	8	1	2	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	2	74	2	2	74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	20	563	21	20	476	.....	.....	.....	.....	.....	.....	.....	3	84	.....	.....
Indiana	3	99	4	6	96	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Iowa	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	2	38	2	2	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	2	11	2	2	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	12	1,049	22	18	1,043	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....
Massachusetts	22	748	29	25	734	.....	.....	.....	.....	.....	.....	1	.....	13	.....	.....
Michigan	16	493	23	13	470	.....	.....	.....	.....	.....	.....	6	7	5	.....	5
Minnesota	1	5	2	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	10	536	20	17	521	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Nevada	4	60	7	4	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	32	4,845	107	104	4,815	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	.....
New York	85	12,471	190	147	12,305	28	63	.....	.....	28	63	.....	10	93	.....	.....
North Carolina	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	15	406	15	11	360	.....	.....	.....	.....	.....	.....	.....	10	36	.....	.....
Pennsylvania	48	5,860	156	108	5,788	18	28	.....	.....	18	28	22	.....	22	.....	.....
Rhode Island	4	155	5	5	155	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	2	50	3	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	32	1	1	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	1	4	2	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	4	59	4	3	57	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CHOCOLATE AND COCOA PRODUCTS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	10	1,432	24	13	1,210	9	180	9	180	.....	.....	.....	.....	42	.....	.....
California	1	60	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	2	730	15	7	550	9	180	9	180	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
New York	4	395	6	4	375	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....
Pennsylvania	2	237	2	1	225	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....

CIGAR MOLDS.

The United States	6	191	5	3	165	1	10	1	10	.....	.....	4	.....	12	.....	.....
Connecticut	1	10	.....	.....	.....	1	10	1	10	.....	.....	.....	.....	.....	.....	.....
Illinois	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Iowa	2	69	3	2	65	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
New York	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Ohio	1	100	2	1	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CLAY AND POTTERY PRODUCTS.

The United States	347	20,159	531	397	19,908	17	1,022	13	922	4	100	3	.....	81	40	5
Alabama	4	64	3	3	62	1	2	.....	.....	1	2	.....	.....	.....	.....	.....
Arkansas	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	10	760	19	12	760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	4	215	5	5	215	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	3	90	2	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	40	.....
Delaware	1	50	2	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	3	150	5	3	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	5	293	8	5	280	1	10	1	10	.....	.....	.....	.....	.....	.....	3
Illinois	20	1,705	37	24	1,185	4	520	4	520	.....	.....	.....	.....	.....	.....	.....
Indiana	9	305	13	9	225	1	80	.....	.....	1	80	.....	.....	.....	.....	.....
Iowa	9	348	11	9	348	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	6	209	8	6	209	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	4	104	4	5	104	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	5	210	6	5	208	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Maryland	7	248	8	7	248	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	18	657	20	20	597	1	60	1	60	.....	.....	.....	.....	.....	.....	.....
Michigan	5	239	8	4	238	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Minnesota	5	333	7	4	331	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Mississippi	2	85	2	2	85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	14	1,540	29	18	1,465	.....	.....	.....	.....	.....	.....	.....	.....	75	.....	.....
Nebraska	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	45	2,447	66	51	2,285	4	162	4	162	.....	.....	.....	.....	.....	.....	.....
New York	29	1,498	41	35	1,498	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Carolina	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	84	6,023	154	113	5,943	1	80	1	80	.....	.....	.....	.....	.....	.....	.....
Oregon	1	75	3	1	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	33	1,907	49	35	1,851	1	50	1	50	.....	.....	.....	.....	6	.....	.....
South Carolina	1	40	.....	.....	.....	1	40	1	40	.....	.....	.....	.....	.....	.....	.....
Tennessee	3	112	4	3	112	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	2	35	1	1	20	1	15	.....	.....	1	15	.....	.....	.....	.....	.....
Virginia	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	2	75	2	2	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	3	118	4	2	115	1	3	.....	.....	1	3	.....	.....	.....	.....	.....
Wisconsin	4	122	4	4	122	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CLEANSING AND POLISHING PREPARATIONS.

The United States	16	432	9	9	259	1	150	1	150	.....	.....	1	.....	22	.....	.....
Connecticut	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	2	33	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Indiana	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Maryland	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	4	241	1	1	80	1	150	1	150	.....	.....	.....	.....	11	.....	.....
Missouri	3	90	3	3	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	1	7	1	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	2	20	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Wisconsin	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CLOCK CASES AND MATERIALS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	4	26	1	1	8	1	12	.....	.....	1	12	.....	.....	6	.....	.....
Connecticut	3	18	.....	.....	.....	1	12	.....	.....	1	12	.....	.....	6	.....	.....
New York	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CLOCKS.

The United States	22	1,600	35	21	1,115	12	379	12	379	.....	.....	.....	10	96	.....	.....
Connecticut	8	1,249	26	14	920	11	329	11	329	.....	.....	.....	.....	.....	.....	.....
Illinois	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....
Massachusetts	4	137	4	3	135	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Missouri	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
New York	6	187	3	2	48	1	50	1	50	.....	.....	.....	.....	89	.....	.....
Wisconsin	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CLOTH, SPONGING AND REFINISHING.

The United States	15	296	15	13	293	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Maryland	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	5	29	3	3	26	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Michigan	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	4	178	5	4	178	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	2	13	3	2	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	2	60	2	2	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CLOTHING, HORSE.

The United States	8	105	3	3	70	.....	.....	.....	.....	.....	.....	.....	20	10	.....	5
Indiana	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Massachusetts	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Minnesota	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
New York	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
Pennsylvania	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....

CLOTHING, MEN'S, CUSTOM WORK AND REPAIRING.

The United States	23	39	11	10	17	.....	.....	.....	.....	.....	.....	15	1	5	.....	1
District of Columbia	1	2	2	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	2	4	2	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	4	4	1	1	1	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Michigan	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
New Jersey	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
New York	4	5	2	2	2	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....
North Carolina	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	2	5	1	1	3	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Pennsylvania	4	10	1	1	1	.....	.....	.....	.....	.....	.....	6	.....	3	.....	.....
South Carolina	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Texas	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CLOTHING, MEN'S, FACTORY PRODUCT.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	404	6,230	240	216	4,766	15	122	4	75	11	47	668	203	452	5	9
Alabama	2	20	1	1	10							10				
California	5	74										42	2	30		
Colorado	1	9										9				
Georgia	5	23										5	18			
Illinois	41	526	34	33	433							27	10	56		
Indiana	14	109	6	6	68							20	11	10		
Iowa	5	38	2	2	24							3	11			
Kansas	3	20	1	1	8								7	5		
Kentucky	7	71	4	4	52							5	14			
Louisiana	10	90										75	15			
Maine	30	176	19	19	125	4	38	1	20	3	18	5		3	5	
Maryland	10	281	5	5	235							27	9	10		
Massachusetts	56	366	18	17	288							40		38		
Michigan	9	58	2	2	30	1	5	1	5			4	4	15		
Minnesota	6	315	11	5	305									10		
Missouri	18	334	10	9	265							61		8		
Nebraska	3	85										10		75		
New Hampshire	7	47	2	2	25	3	14	1	10	2	4	4				4
New Jersey	7	101	6	5	89							10		2		
New York	76	2,013	62	48	1,692	3	42	1	40	2	2	100	24	150		5
North Carolina	1	4											4			
Ohio	28	292	12	16	234	1	12			1	12	22	18	6		
Pennsylvania	44	1,030	37	33	784							189	46	11		
South Carolina	1	2	1	1	2											
Tennessee	3	65	1	1	50	1	5			1	5			10		
Texas	2	13	1	1	5								8			
Vermont	1	8												8		
Wisconsin	9	60	5	5	42	2	6			2	6		7	5		

CLOTHING, MEN'S, FACTORY PRODUCT, BUTTONHOLES.

The United States	18	61										18	10	33		
Massachusetts	2	2										1		1		
New York	12	53										14	10	29		
Ohio	2	2										2				
Pennsylvania	2	4										1		3		

CLOTHING, WOMEN'S, FACTORY PRODUCT.

The United States	138	1,478	59	53	1,012	1	5			1	5	126	87	248		
California	8	20										20				
Colorado	1	1										1				
Connecticut	1	40	2	1	40											
Indiana	1	3										3				
Maine	2	13	1	1	9							4				
Maryland	3	26	1	1	20	1	5			1	5	1				
Massachusetts	17	133	4	3	97							26		10		
Michigan	2	24	1	1	20							4				
Missouri	1	8										8				
New Hampshire	1	15	1	1	15											
New Jersey	6	53	2	2	26							6		21		
New York	60	732	30	27	478							20	72	162		
Ohio	14	155	6	4	106							17		32		
Pennsylvania	19	241	10	11	189							14	15	23		
Rhode Island	1	2										2				
Wisconsin	1	12	1	1	12											

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

COFFEE AND SPICE, ROASTING AND GRINDING.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	321	8,840	281	274	7,592	1	125	.....	.....	1	125	160	488	465	10	.....
California	21	374	12	14	295	.....	.....	.....	.....	.....	.....	.....	.....	79	.....	.....
Connecticut	3	55	3	3	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	15	698	19	14	678	.....	.....	.....	.....	.....	.....	13	7	.....	.....	.....
Indiana	12	402	13	12	402	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	8	116	6	6	86	.....	.....	.....	.....	.....	.....	20	.....	10	.....	.....
Kansas	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....
Kentucky	6	161	6	7	161	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	5	79	2	2	7	.....	.....	.....	.....	.....	.....	40	32	.....	.....	.....
Maine	2	22	1	1	16	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Maryland	13	248	13	13	242	.....	.....	.....	.....	.....	.....	.....	4	2	.....	.....
Massachusetts	20	340	11	9	242	.....	.....	.....	.....	.....	.....	25	.....	73	.....	.....
Michigan	5	78	4	4	75	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Minnesota	9	124	6	5	109	.....	.....	.....	.....	.....	.....	4	7	4	.....	.....
Missouri	15	559	15	15	549	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Nebraska	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nevada	1	3	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	4	82	3	3	72	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
New York	63	2,671	58	63	2,282	1	125	.....	.....	1	125	11	10	243	.....	.....
Ohio	28	1,152	23	21	769	.....	.....	.....	.....	.....	.....	35	338	10	.....	.....
Oregon	2	27	2	2	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	59	1,069	59	56	1,023	.....	.....	.....	.....	.....	.....	.....	21	25	.....	.....
Rhode Island	3	62	2	2	52	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....
Tennessee	3	24	2	2	20	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Texas	5	122	4	3	110	.....	.....	.....	.....	.....	.....	2	10	.....	.....	.....
Vermont	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	2	16	2	2	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	3	75	2	2	55	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	.....
Wisconsin	7	152	6	6	132	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	.....

COFFINS AND BURIAL CASES, TRIMMING AND FINISHING.

The United States	31	631	21	21	363	13	262	6	105	7	157	.....	.....	.....	6	.....
Connecticut	6	181	5	4	93	4	88	4	88	.....	.....	.....	.....	.....	.....	.....
District of Columbia	1	3	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	7	161	1	1	20	5	135	.....	.....	5	135	.....	.....	.....	6	.....
Maryland	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	3	20	2	2	15	1	5	1	5	.....	.....	.....	.....	.....	.....	.....
Tennessee	4	185	3	3	161	2	24	1	12	1	12	.....	.....	.....	.....	.....
Vermont	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	3	45	2	3	35	1	10	.....	.....	1	10	.....	.....	.....	.....	.....
West Virginia	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

COFFINS, BURIAL CASES, AND UNDERTAKERS' GOODS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	105	5,620	124	97	5,020	10	368	9	362	1	6	16	27	189	.....	.....
California	1	100	3	2	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	3	86	3	3	86	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	11	475	10	8	405	.....	.....	.....	.....	.....	.....	.....	17	53	.....	.....
Indiana	7	335	8	7	335	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	2	80	3	2	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	2	165	3	2	165	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	3	111	3	2	110	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Massachusetts	13	292	10	8	249	1	22	1	22	.....	.....	16	.....	5	.....	.....
Michigan	7	375	8	5	275	1	60	1	60	.....	.....	.....	.....	49	.....	.....
Minnesota	3	195	6	3	195	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	3	205	4	3	205	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	6	.....	.....	.....	1	6	.....	.....	1	6	.....	.....	.....	.....	.....
New Jersey	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	21	1,537	26	22	1,426	2	41	2	41	.....	.....	.....	.....	70	.....	.....
Ohio	10	872	19	12	807	1	65	1	65	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	8	365	11	10	345	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....
Rhode Island	2	24	1	1	20	1	4	1	4	.....	.....	.....	.....	.....	.....	.....
Utah	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....
Vermont	2	182	1	1	12	3	170	3	170	.....	.....	.....	.....	.....	.....	.....
Washington	1	50	1	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COKE.

The United States	69	5,095	162	116	5,095	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Alabama	7	405	14	11	405	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indian territory	1	60	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	1	22	1	1	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	20	2	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	3	170	6	6	170	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	37	3,228	110	71	3,228	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	4	655	8	7	655	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	11	445	16	14	445	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COLLARS AND CUFFS, PAPER.

The United States	3	93	4	2	90	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
Massachusetts	1	80	3	1	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
Rhode Island	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COMBS.

The United States	27	758	18	16	503	7	175	2	50	5	125	.....	.....	79	1	.....
Connecticut	1	90	2	1	50	1	40	.....	.....	1	40	.....	.....	.....	.....	.....
Massachusetts	17	404	7	7	259	4	85	.....	.....	4	85	.....	.....	59	1	.....
New York	3	175	5	4	125	2	50	2	50	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	6	89	4	4	69	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CONFECTIONERY.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	628	7,867	444	417	6,943	39	122	7	30	32	92	146	231	393	9	23
California	15	199	10	10	161								11	27		
Colorado	4	35	3	2	32							1	2			
Connecticut	23	56	6	6	23	5	13			5	13	8	8	4		
Delaware	7	31	7	6	29							2				
District of Columbia	5	16	2	2	8								8			
Illinois	28	537	28	24	427	1	7			1	7	19		84		
Indiana	17	173	15	16	164							7	2			
Iowa	9	74	5	5	65	3	8			3	8	1				
Kansas	8	134	7	7	129							5				
Kentucky	4	26	4	4	26											
Louisiana	3	15	2	2	14								1			
Maine	4	11	2	2	6	1	4			1	4	1				
Maryland	15	246	12	11	227	2	14			2	14		5			
Massachusetts	62	752	39	35	642	6	10			6	10	31	9	54		6
Michigan	19	170	11	11	151							10	9			
Minnesota	11	186	9	7	141							3		42		
Mississippi	2	3				1	2			1	2				1	
Missouri	16	293	17	13	281							5		7		
Montana	2	26	2	2	26											
Nebraska	4	23	3	3	21							2				
New Jersey	37	177	25	25	141	2	4			2	4	19	7	1		5
New York	155	2,132	83	77	1,855	14	45	7	30	7	15	6	130	87	3	6
North Carolina	2	9	1	1	4										5	
North Dakota	1	2	1	1	2											
Ohio	31	431	19	18	375							16	28	12		
Oregon	3	68	3	3	68											
Pennsylvania	96	1,462	95	91	1,437							5	1	13		6
Rhode Island	8	64	4	4	33	1	8			1	8	1		22		
Tennessee	8	132	6	6	88								4	40		
Texas	7	79	6	7	78							1				
Utah	2	28	2	2	28											
Vermont	1	6	1	1	6											
Virginia	8	37	7	7	34							3				
West Virginia	2	6				2	6			2	6					
Wisconsin	9	228	7	6	221	1	1			1	1		6			

COOPERAGE.

The United States	325	13,357	387	342	12,477	30	614	15	311	15	303	80	6	135	36	9
Alabama	2	55	3	2	55											
California	7	422	8	6	410									12		
Connecticut	1	30	1	1	30											
Florida	2	50	2	2	50											
Georgia	3	155	3	4	125							30				
Illinois	26	1,402	34	26	1,356	1	40	1	40				6			
Indiana	27	1,611	39	32	1,611											
Iowa	16	353	17	16	350									2	1	
Kansas	2	65	2	2	65											
Kentucky	16	879	23	23	879											
Louisiana	5	170	6	5	170											
Maine	8	286	5	3	135	7	150	2	30	5	120					1
Maryland	4	122	3	3	104									18		
Massachusetts	8	367	6	5	250	3	60	2	30	1	30	50		2		5
Michigan	22	777	26	23	767									10		
Minnesota	10	275	13	10	273									2		
Missouri	14	866	20	17	866											
Nebraska	3	252	12	4	252											
New Hampshire	3	165	3	2	155	1	10	1	10							
New Jersey	3	38	3	3	38											
New York	67	1,740	63	57	1,394	16	279	7	126	9	153			32	35	
North Carolina	2	20	2	2	20											
Ohio	29	1,527	41	40	1,482									45		
Pennsylvania	24	688	27	26	685											3
South Carolina	3	232	3	3	220									12		
Tennessee	3	360	7	9	360											
Texas	5	130	5	6	130											
Wisconsin	10	320	10	10	245	2	75	2	75							

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CORDAGE AND TWINE.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	96	23,666	216	114	21,006	45	2,603	41	2,483	4	120	20	.....	35	.....	2
Alabama	1	45	1	1	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	1	300	4	1	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	10	625	4	3	58	12	567	11	547	1	20	.....	.....	.....	.....	.....
Delaware	1	210	3	1	210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	1	75	.....	.....	.....	1	75	1	75	.....	.....	.....	.....	.....	.....	.....
Illinois	6	1,415	13	8	1,415	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	3	110	3	3	110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	2	90	2	2	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	3	820	5	3	345	2	475	2	475	.....	.....	.....	.....	.....	.....	.....
Massachusetts	21	8,208	61	28	7,447	16	756	13	656	3	100	.....	.....	3	.....	2
Missouri	2	290	3	3	290	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	2	850	8	5	700	4	150	4	150	.....	.....	.....	.....	.....	.....	.....
New York	11	5,265	44	21	4,980	3	240	3	240	.....	.....	20	.....	25	.....	.....
Ohio	9	1,765	21	11	1,765	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon	1	250	3	1	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	15	2,932	35	17	2,755	4	170	4	170	.....	.....	.....	.....	7	.....	.....
Rhode Island	3	175	3	3	130	1	45	1	45	.....	.....	.....	.....	.....	.....	.....
Tennessee	1	160	1	1	85	1	75	1	75	.....	.....	.....	.....	.....	.....	.....
Virginia	1	50	.....	.....	.....	1	50	1	50	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CORDIALS AND SIRUPS.

The United States	9	289	12	8	284	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Delaware	1	12	2	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	2	82	3	2	82	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	4	120	5	3	115	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Ohio	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CORK, CUTTING.

The United States	30	1,335	23	21	1,287	.....	.....	.....	.....	.....	.....	7	3	38	.....	.....
California	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Connecticut	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	4	55	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Louisiana	2	10	1	1	8	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Massachusetts	4	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	12	.....	.....
New Jersey	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	7	621	7	7	613	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....
Ohio	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	8	588	10	8	585	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Wisconsin	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CORSETS.

The United States	65	1,340	43	36	1,079	4	72	3	65	1	7	34	48	102	5	.....
Connecticut	17	669	18	15	590	3	57	2	50	1	7	.....	8	14	.....	.....
Illinois	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Indiana	1	15	.....	.....	.....	1	15	1	15	.....	.....	.....	.....	.....	.....	.....
Maryland	2	3	1	1	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Massachusetts	5	65	3	2	25	.....	.....	.....	.....	.....	.....	1	.....	39	.....	.....
Michigan	9	137	6	6	100	.....	.....	.....	.....	.....	.....	10	20	7	.....	.....
Missouri	3	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	.....	10	.....	.....
New Jersey	9	137	5	4	120	.....	.....	.....	.....	.....	.....	.....	.....	17	.....	.....
New York	14	272	10	8	242	.....	.....	.....	.....	.....	.....	5	20	.....	5	.....
Ohio	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Pennsylvania	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Rhode Island	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....

COTTON, CLEANING AND REHANDLING.

The United States	2	50	1	1	35	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....
South Carolina	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....
Tennessee	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

COTTON, GINNING.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	1,528	28,731	1,426	1,428	26,600	148	1,847	68	961	80	886	.....	.....	276	.....	8
Alabama	194	2,870	151	151	2,386	44	413	20	244	24	169	.....	.....	63	.....	8
Arkansas	125	2,564	129	128	2,544	2	20	.....	.....	2	20	.....	.....	.....	.....	.....
Florida	9	176	9	10	176	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	270	3,571	239	238	2,975	36	458	10	170	26	288	.....	.....	138	.....	.....
Indian territory	2	50	2	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	58	1,459	57	57	1,439	2	20	.....	.....	2	20	.....	.....	.....	.....	.....
Mississippi	120	2,085	107	108	1,732	23	333	7	98	16	235	.....	.....	20	.....	.....
Missouri	3	95	3	3	95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Carolina	71	1,014	64	64	886	7	108	5	76	2	32	.....	.....	20	.....	.....
South Carolina	107	1,471	95	95	1,300	15	171	12	139	3	32	.....	.....	.....	.....	.....
Tennessee	33	759	32	33	739	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....
Texas	531	12,583	533	534	12,244	19	324	14	234	5	90	.....	.....	15	.....	.....
Virginia	5	34	5	5	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COTTON GOODS.

The United States	882	464,881	3,097	1,335	264,563	1,314	198,935	1,162	184,311	152	14,624	360	.....	946	47	30
Alabama	13	3,361	23	13	1,956	12	1,405	11	1,345	1	60	.....	.....	.....	.....	.....
Arkansas	2	328	1	1	120	1	208	1	208	.....	.....	.....	.....	.....	.....	.....
California	1	600	3	1	600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	65	30,671	154	65	10,775	160	19,896	143	18,543	17	1,353	.....	.....	.....	.....	.....
Delaware	7	1,965	18	7	1,255	8	710	8	710	.....	.....	.....	.....	.....	.....	.....
Georgia	53	20,882	96	46	7,380	73	13,447	62	11,531	11	1,916	55	.....	.....	.....	.....
Illinois	4	750	4	1	400	6	350	5	325	1	25	.....	.....	.....	.....	.....
Indiana	6	2,280	41	11	2,280	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1	125	3	1	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	5	1,400	17	9	1,334	2	66	1	56	1	10	.....	.....	.....	.....	.....
Louisiana	2	1,600	14	3	1,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	23	26,858	71	18	5,665	120	21,193	109	19,518	11	1,675	.....	.....	.....	.....	.....
Maryland	15	8,855	52	20	5,405	23	3,450	22	3,350	1	100	.....	.....	.....	.....	.....
Massachusetts	187	171,924	1,173	545	115,810	347	55,944	303	51,717	44	4,227	115	.....	23	2	30
Mississippi	9	2,195	25	14	2,155	1	40	.....	.....	1	40	.....	.....	.....	.....	.....
Missouri	1	300	3	1	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	27	45,179	215	63	18,255	107	26,924	105	26,809	2	115	.....	.....	.....	.....	.....
New Jersey	16	11,256	113	67	10,212	12	1,044	10	1,005	2	39	.....	.....	.....	.....	.....
New York	36	17,283	120	40	8,503	48	8,780	41	8,020	7	760	.....	.....	.....	.....	.....
North Carolina	91	15,210	103	62	7,221	79	7,959	73	7,596	6	363	30	.....	.....	.....	.....
Ohio	7	1,025	15	15	975	2	50	.....	.....	2	50	.....	.....	.....	.....	.....
Pennsylvania	143	15,664	289	135	13,455	25	1,193	17	938	8	255	153	.....	848	15	.....
Rhode Island	94	57,184	391	138	37,291	166	19,813	140	16,612	26	3,201	.....	.....	75	5	.....
South Carolina	34	16,747	83	32	7,095	49	9,645	48	9,495	1	150	7	.....	.....	.....	.....
Tennessee	20	3,584	41	19	2,906	19	678	13	583	6	95	.....	.....	.....	.....	.....
Texas	1	600	.....	.....	.....	3	600	3	600	.....	.....	.....	.....	.....	.....	.....
Vermont	6	2,285	9	4	490	11	1,795	11	1,795	.....	.....	.....	.....	.....	.....	.....
Virginia	9	3,470	14	5	620	26	2,850	26	2,850	.....	.....	.....	.....	.....	.....	.....
Wisconsin	4	1,300	6	2	380	14	895	10	705	4	190	.....	.....	.....	25	.....

COTTON TIES.

The United States	2	25	1	1	10	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....
Missouri	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....

COTTON WASTE.

The United States	19	655	17	14	500	4	141	2	31	2	110	.....	.....	14	.....	.....
Massachusetts	3	220	4	2	150	1	70	.....	.....	1	70	.....	.....	.....	.....	.....
New York	2	21	.....	.....	.....	1	15	1	15	.....	.....	.....	.....	6	.....	.....
Pennsylvania	11	323	11	10	315	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....
Rhode Island	2	75	2	2	35	1	40	.....	.....	1	40	.....	.....	.....	.....	.....
South Carolina	1	16	.....	.....	.....	1	16	1	16	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

CRUCIBLES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	9	580	15	11	580											
Connecticut	1	40	1	1	40											
Illinois	1	100	2	1	100											
Massachusetts	2	165	3	2	165											
New Jersey	1	60	2	1	60											
Pennsylvania	4	215	7	6	215											

CUTLERY AND EDGE TOOLS.

The United States	347	15,820	209	180	7,440	259	7,761	224	6,833	35	928	77	32	462	50	4
California	7	20										5		15		
Connecticut	46	3,539	26	19	805	56	2,707	47	2,402	9	305	3		18	6	
Delaware	1	0	1	1	6											
Georgia	1	7											7			
Illinois	6	179	5	4	164									15		
Indiana	8	317	8	7	302									15		
Iowa	4	83	4	4	83											
Kentucky	2	207	5	7	200								7			
Louisiana	6	11	1	1	2							1	8			
Maine	14	593	3	3	13	12	576	5	475	7	101				4	
Maryland	5	41	4	4	36									5		
Massachusetts	63	3,416	34	29	1,317	40	2,034	32	1,898	8	136	16		39	10	
Michigan	6	230	6	6	175	2	35	2	35					20		
Minnesota	1	2												2		
Missouri	8	54	6	6	38							16				
New Hampshire	10	801	5	3	385	14	412	12	384	2	28			4		
New Jersey	14	432	11	8	300	4	91	3	90	1	1			41		
New York	69	2,283	27	25	1,025	106	1,026	102	793	4	233	6	3	191	30	2
North Carolina	2	23	2	2	23											
Ohio	24	1,934	32	25	1,733	1	123	1	123			28		50		
Pennsylvania	41	1,394	25	22	809	19	532	18	528	1	4		4	47		2
Rhode Island	1	1											1			
Vermont	2	175				4	175	1	55	3	120					
Wisconsin	6	78	4	4	24	1	50	1	50			2	2			

DENTISTRY, MECHANICAL.

The United States	38	49	3	3	3	14	17	2	2	12	15	25			3	1
California	6	7										7				
Connecticut	4	4	1	1	1	2	2			2	2					1
Georgia	1	1										1				
Illinois	4	11										11				
Indiana	1	2				1	2			1	2					
Iowa	2	2				1	1			1	1				1	
Kentucky	2	2	1	1	1										1	
Maine	2	2										1			1	
Massachusetts	4	5				3	4			3	4	1				
New Hampshire	2	2				2	2			2	2					
New York	5	6				4	5	1	1	3	4	1				
Ohio	3	3										3				
Pennsylvania	1	1	1	1	1											
Wisconsin	1	1				1	1	1	1							

DENTISTS' MATERIALS.

The United States	14	227	9	6	195							2	7	23		
Delaware	1	5											5			
Illinois	1	1												1		
Massachusetts	3	8												8		
New York	4	131	4	3	120									11		
Pennsylvania	5	82	5	3	75							2	2	3		

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

DRUGGISTS' PREPARATIONS, NOT INCLUDING PRESCRIPTIONS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	13	55	5	5	30	2	11	.....	.....	2	11	4	2	8	.....	.....
Illinois	1	3	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	3	5	1	1	1	.....	.....	.....	.....	.....	.....	3	.....	1	.....	.....
Minnesota	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....
New Hampshire	1	10	.....	.....	.....	1	10	.....	.....	1	10	.....	.....	.....	.....	.....
New York	2	26	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Ohio	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Pennsylvania	1	1	.....	.....	.....	1	1	.....	.....	1	1	.....	.....	.....	.....	.....

DRUG GRINDING.

The United States	13	847	19	11	840	.....	.....	.....	.....	.....	.....	2	.....	5	.....	.....
California	1	65	2	1	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	1	150	2	1	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	2	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	5	.....	.....
New York	4	380	7	4	380	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	100	4	1	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

DYEING AND CLEANING.

The United States	198	2,891	205	197	2,682	.....	.....	.....	.....	.....	.....	8	.....	198	.....	3
Alabama	4	36	4	4	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas	2	9	2	2	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	11	284	12	11	283	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Colorado	2	10	2	2	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	4	103	5	3	99	.....	.....	.....	.....	.....	.....	.....	.....	13	.....	.....
District of Columbia	2	13	2	2	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	15	122	15	15	122	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	6	55	6	6	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	4	34	4	4	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	2	11	2	2	9	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Maine	5	39	4	5	31	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....
Maryland	6	31	6	6	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	26	547	23	20	505	.....	.....	.....	.....	.....	.....	1	.....	38	.....	3
Michigan	5	88	5	4	23	.....	.....	.....	.....	.....	.....	.....	.....	65	.....	.....
Minnesota	3	30	2	2	28	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Missouri	3	68	2	4	67	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Nebraska	3	18	3	3	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	8	122	11	8	122	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	30	621	38	40	611	.....	.....	.....	.....	.....	.....	1	.....	9	.....	.....
Ohio	16	144	14	14	98	.....	.....	.....	.....	.....	.....	.....	.....	46	.....	.....
Pennsylvania	17	270	18	17	252	.....	.....	.....	.....	.....	.....	.....	.....	18	.....	.....
Rhode Island	5	29	4	4	28	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
South Carolina	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	4	62	4	4	62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	2	16	2	2	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	4	47	6	4	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	2	4	2	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	5	64	5	5	64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

DYEING AND FINISHING TEXTILES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	217	57,035	913	1,011	53,951	41	3,027	30	2,397	11	630	16	.....	10	.....	31
Connecticut	5	1,186	14	13	725	9	461	4	111	5	350	.....	.....	.....	.....	.....
Delaware	1	751	14	3	460	2	290	2	290	.....	.....	1	.....	.....	.....	.....
Illinois	3	57	3	3	57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1	65	2	1	20	1	45	1	45	.....	.....	.....	.....	.....	.....	.....
Maine	1	500	10	9	50	3	450	3	450	.....	.....	.....	.....	.....	.....	.....
Maryland	2	95	4	4	75	1	20	1	20	.....	.....	.....	.....	.....	.....	.....
Massachusetts	33	12,361	202	132	11,533	10	823	7	663	3	160	5	.....	.....	.....	.....
New Hampshire	2	2,570	17	15	2,539	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
New Jersey	39	7,380	139	199	7,005	4	355	3	335	1	20	10	.....	10	.....	.....
New York	41	12,770	156	186	12,545	5	225	5	225	.....	.....	.....	.....	.....	.....	.....
Ohio	2	43	2	1	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	65	8,314	212	259	8,244	1	70	.....	.....	1	70	.....	.....	.....	.....	.....
Rhode Island	21	10,823	135	182	10,535	5	283	4	258	1	30	.....	.....	.....	.....	.....
West Virginia	1	120	3	4	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

DYE STUFFS AND EXTRACTS.

The United States	53	11,896	242	105	10,695	32	1,195	21	605	11	590	.....	.....	6	.....	.....
Alabama	1	1,500	10	3	1,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	3	2,020	37	10	1,700	10	320	8	220	2	100	.....	.....	.....	.....	.....
Maine	1	80	6	1	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	8	1,010	31	10	875	6	130	6	130	.....	.....	.....	.....	5	.....	.....
New Jersey	4	497	32	12	497	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	12	3,931	55	24	3,510	8	420	3	120	5	300	.....	.....	1	.....	.....
Pennsylvania	8	1,265	49	24	1,250	1	15	.....	.....	1	15	.....	.....	.....	.....	.....
Rhode Island	2	250	2	2	160	2	90	2	90	.....	.....	.....	.....	.....	.....	.....
Tennessee	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	10	1,173	14	9	953	5	220	2	45	3	175	.....	.....	.....	.....	.....
West Virginia	2	125	4	2	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

ELECTRICAL APPARATUS AND SUPPLIES.

The United States	100	7,494	80	75	6,368	2	123	2	123	.....	.....	694	2	304	.....	3
California	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....
Connecticut	4	346	5	4	315	.....	.....	.....	.....	.....	.....	.....	.....	31	.....	.....
Delaware	2	123	2	2	120	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Georgia	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Illinois	8	154	3	2	50	.....	.....	.....	.....	.....	.....	.....	.....	104	.....	.....
Louisiana	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Maryland	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
Massachusetts	22	1,373	23	17	1,288	.....	.....	.....	.....	.....	.....	63	.....	22	.....	.....
Michigan	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	2	73	1	1	60	.....	.....	.....	.....	.....	.....	13	.....	.....	.....	.....
Missouri	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
New Jersey	3	338	4	4	333	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
New York	35	3,762	26	30	2,961	2	123	2	123	.....	.....	562	.....	116	.....	.....
Ohio	6	786	6	5	750	.....	.....	.....	.....	.....	.....	25	.....	8	.....	3
Pennsylvania	7	343	6	6	331	.....	.....	.....	.....	.....	.....	.....	2	10	.....	.....
Rhode Island	2	108	1	1	100	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....
Tennessee	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Wisconsin	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

ELECTRIC LIGHT AND POWER.

The United States	144	67,637	428	383	55,557	74	12,080	.....	.....	74	12,080	.....	.....	.....	.....	.....
District of Columbia	1	2,205	10	13	2,205	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	4	5,920	50	40	5,920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	139	59,512	368	330	47,432	74	12,080	.....	.....	74	12,080	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

ELECTROPLATING.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Net specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	188	1,840	48	49	970	3	47	2	22	1	25	82	14	710	16	1
California	2	33	1	1	25									8		
Colorado	1	15	1	1	15											
Connecticut	6	55	1	1	20	2	22	2	22					8	5	
District of Columbia	1	2											2			
Illinois	11	156	3	4	130							16		10		
Indiana	3	52	2	2	51							1				
Iowa	1	1										1				
Kansas	1	4	1	1	4											
Louisiana	2	21	2	2	20							1				
Maryland	3	19	2	2	16								3			
Massachusetts	32	170	5	5	63	1	25			1	25	13		69		
Michigan	6	32	2	2	11							7		6	8	
Minnesota	1	8										4		4		
Missouri	7	105	5	5	93								7	5		
Nebraska	1	1												1		
New Hampshire	2	7												4	3	
New Jersey	4	17												17		
New York	51	409	7	7	112							7	2	288		
Ohio	19	395	5	5	172							22		201		
Pennsylvania	21	271	9	9	221							2		47		1
Rhode Island	9	36												36		
Tennessee	1	5	1	1	5											
Vermont	1	6												6		
Virginia	1	8										8				
Wisconsin	1	12	1	1	12											

EMERY WHEELS.

The United States	13	502	10	10	293	4	194	3	178	1	16			15		
Illinois	1	3												3		
Massachusetts	5	87	4	4	75	1	12	1	12							
Michigan	1	60	1	1	60											
Minnesota	1	18	1	1	18											
New Jersey	1	10	1	1	10											
New York	1	12												12		
Pennsylvania	2	296	3	3	136	2	160	2	166							
Vermont	1	16				1	16			1	16					

ENAMELED GOODS.

The United States	10	194	6	4	158	1	20	1	20				2	14		
Massachusetts	4	63	2	1	40	1	20	1	20					3		
New Jersey	1	5												5		
New York	2	36	1	1	30									6		
Ohio	1	8	1	1	8											
Pennsylvania	1	2											2			
Rhode Island	1	80	2	1	80											

ENAMELING.

The United States	4	20	1	1	15							2		3		
New York	1	15	1	1	15											
Pennsylvania	1	2										2				
Rhode Island	2	3												3		

ENGRAVERS' MATERIALS.

The United States	14	91	1	1	12							4		75		
Illinois	3	18												18		
Massachusetts	1	1												1		
Michigan	1	15												15		
Missouri	1	4										4				
New York	5	37	1	1	12									25		
Pennsylvania	3	16												16		

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

ENGRAVING AND DIESINKING.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	48	254	5	4	64	.....	.....	.....	.....	.....	.....	26	31	133	.....	.....
Colorado	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Connecticut	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
District of Columbia	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Illinois	9	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	7	19	.....	.....
Maryland	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Massachusetts	6	17	1	1	3	.....	.....	.....	.....	.....	.....	12	1	1	.....	.....
Missouri	6	21	2	2	11	.....	.....	.....	.....	.....	.....	2	.....	8	.....	.....
New Jersey	3	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	5	.....	.....
New York	14	156	2	1	50	.....	.....	.....	.....	.....	.....	2	14	90	.....	.....
Ohio	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Pennsylvania	5	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	5	.....	.....

ENGRAVING, STEEL, INCLUDING PLATE PRINTING.

The United States	18	958	16	10	833	.....	.....	.....	.....	.....	.....	1	4	120	.....	.....
District of Columbia	1	235	8	3	235	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	3	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	1	.....	.....
Missouri	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
New Jersey	3	86	2	3	85	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
New York	7	614	5	3	510	.....	.....	.....	.....	.....	.....	.....	.....	104	.....	.....
Pennsylvania	3	14	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....

ENGRAVING, WOOD.

The United States	6	45	2	2	35	.....	.....	.....	.....	.....	.....	3	.....	7	.....	.....
Massachusetts	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....	.....
Missouri	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Ohio	2	35	1	1	29	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Pennsylvania	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

ENVELOPES.

The United States	34	725	20	15	433	3	158	3	158	.....	.....	15	15	104	.....	.....
Connecticut	3	223	3	2	65	3	158	3	158	.....	.....	.....	.....	.....	.....	.....
Illinois	3	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	5	.....	.....
Massachusetts	11	279	8	5	221	.....	.....	.....	.....	.....	.....	.....	.....	58	.....	.....
New York	9	90	3	3	47	.....	.....	.....	.....	.....	.....	15	1	27	.....	.....
Pennsylvania	8	114	6	5	100	.....	.....	.....	.....	.....	.....	.....	.....	14	.....	.....

FANCY ARTICLES, NOT ELSEWHERE SPECIFIED.

The United States	53	841	18	16	583	4	114	1	80	3	34	20	36	84	.....	4
Connecticut	6	70	2	2	45	2	22	.....	.....	2	22	.....	.....	3	.....	.....
District of Columbia	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Illinois	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Maine	2	4	1	1	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Maryland	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
Massachusetts	9	63	2	1	7	.....	.....	.....	.....	.....	.....	5	15	36	.....	.....
Minnesota	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Missouri	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
New Jersey	3	73	1	1	60	1	12	.....	.....	1	12	.....	.....	1	.....	.....
New York	19	507	8	7	385	1	80	1	80	.....	.....	2	8	32	.....	.....
Pennsylvania	5	26	1	1	6	.....	.....	.....	.....	.....	.....	6	8	2	.....	4
Rhode Island	3	52	2	2	48	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Vermont	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

FELT GOODS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	33	5,051	74	51	3,155	23	1,896	14	1,479	9	417					
Connecticut	2	520	8	3	310	3	210			3	210					
Indiana	1	120	1	1	60	1	60			1	60					
Maine	1	80				1	80	1	80							
Massachusetts	7	1,350	18	9	775	4	575	4	575							
Michigan	1	105	2	1	75	1	30	1	30							
New Hampshire	2	183	3	2	85	3	98	3	98							
New Jersey	2	346	10	5	330	1	16	1	16							
New York	11	1,757	24	22	970	8	787	4	680	4	107					
Ohio	3	310	4	3	270	1	40			1	40					
Pennsylvania	3	280	4	5	280											

FERTILIZERS.

The United States	318	28,240	561	444	26,611	42	1,538	27	690	15	848			85	6	
Alabama	7	561	12	10	561											
California	4	100	6	4	100											
Colorado	1	90				1	90			1	90					
Connecticut	8	825	14	16	825											
Delaware	9	660	15	14	660											
District of Columbia	2	95	1	1	60	1	35	1	35							
Florida	1	10	1	1	10											
Georgia	38	3,104	74	56	3,104											
Illinois	3	704	9	5	704											
Indiana	4	128	5	4	128											
Iowa	1	30	2	1	30											
Kentucky	4	330	7	4	330											
Louisiana	3	255	7	4	255											
Maine	6	338	1	1	40	4	258	2	88	2	170			40		
Maryland	43	3,806	74	53	3,651	4	140	2	40	2	100			15		
Massachusetts	14	995	22	17	954	1	35	1	35						6	
Michigan	3	841	7	14	841											
Minnesota	1	20												20		
Mississippi	1	10	1	1	10											
Missouri	3	340	7	8	340											
New Hampshire	1	15				1	15	1	15							
New Jersey	25	2,087	48	37	2,020	3	67	1	32	2	35					
New York	27	2,822	45	29	2,237	9	585	4	155	5	430					
North Carolina	9	763	11	10	733	2	30	2	30							
Ohio	18	1,355	42	31	1,355											
Pennsylvania	40	2,595	56	45	2,382	14	213	11	190	3	23					
South Carolina	18	3,095	50	36	3,085									10		
Tennessee	4	490	11	6	490											
Texas	1	40	1	1	40											
Vermont	1	70				2	70	2	70							
Virginia	17	1,626	31	34	1,626											
West Virginia	1	40	1	1	40											

FILES.

The United States	90	3,649	65	44	3,267	8	104	5	58	3	46			230	48	
Connecticut	6	28				2	13	1	3	1	10			15		
District of Columbia	1	3	1	1	3											
Illinois	2	65	1	1	35	1	30			1	30					
Indiana	1	8												8		
Maine	1	5												5		
Maryland	1	12	1	1	12											
Massachusetts	14	172	3	3	122	1	10	1	10					40		
Michigan	4	67	2	2	43									24		
Missouri	2	45	2	2	45											
New Hampshire	1	10													10	
New Jersey	5	455	9	4	440									15		
New York	20	484	9	8	357	2	35	2	35					58	34	
Ohio	8	84	4	3	40									44		
Pennsylvania	14	1,734	23	13	1,715	2	16	1	10	1	6			3		
Rhode Island	6	434	7	4	420									14		
Vermont	1	4													4	
West Virginia	1	5	2	1	5											
Wisconsin	2	34	1	1	30									4		

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

FIREARMS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	29	1,905	31	28	1,545	7	326	5	281	2	45	.....	4	30	.....	.....
Connecticut	8	709	8	8	660	2	45	1	30	1	15	.....	.....	4	.....	.....
Massachusetts	11	803	15	11	733	2	46	1	16	1	30	.....	4	20	.....	.....
Michigan	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	6	346	5	6	111	3	235	3	235	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	2	12	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....

FIRE EXTINGUISHERS, CHEMICAL.

The United States	4	67	4	3	66	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Illinois	2	7	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Maryland	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	1	40	2	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

FIREWORKS.

The United States	3	17	2	2	14	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
California	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Virginia	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

FISH, CANNING AND PRESERVING.

The United States	42	1,175	57	56	1,173	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Maine	14	393	17	16	393	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	4	67	3	3	65	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
New York	2	215	3	2	215	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon	14	419	23	26	419	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	6	66	9	7	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

FLAGS AND BANNERS.

The United States	2	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	7	.....	.....
Massachusetts	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
New York	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....

FLAVORING EXTRACTS.

The United States	18	206	10	10	155	1	1	.....	.....	1	1	3	.....	27	20	.....
Illinois	3	54	3	3	54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....
Maine	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Massachusetts	2	17	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Michigan	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
New York	5	17	1	1	3	1	1	.....	.....	1	1	1	.....	12	.....	.....
Ohio	1	18	1	1	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	16	1	1	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

FLAX, DRESSED.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	4	113	3	3	100	2	13	.....	.....	2	13	.....	.....	.....	.....	.....
Iowa	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	1	3	.....	.....	.....	1	3	.....	.....	1	3	.....	.....	.....	.....	.....
Ohio	1	50	1	1	40	1	10	.....	.....	1	10	.....	.....	.....	.....	.....

FLOURING AND GRIST MILL PRODUCTS.

The United States	18,362	752,365	9,382	8,473	366,587	20,088	383,872	10,157	234,310	9,931	149,562	82	35	.....	.....	1,789
Alabama	702	12,296	254	254	5,388	609	6,908	229	3,151	380	3,757	.....	.....	.....	.....	.....
Arizona	5	320	.....	.....	.....	5	320	5	320	.....	.....	.....	.....	.....	.....	.....
Arkansas	376	7,829	310	312	6,623	79	1,203	42	776	37	427	.....	.....	.....	.....	3
California	101	7,710	112	74	6,527	42	1,163	24	836	18	327	.....	.....	.....	.....	20
Colorado	33	3,329	32	23	2,308	17	1,021	14	899	3	122	.....	.....	.....	.....	.....
Connecticut	174	5,769	34	32	1,068	215	4,671	157	3,450	58	1,221	.....	.....	.....	.....	30
Delaware	56	2,727	15	13	892	92	1,835	69	1,402	23	433	.....	.....	.....	.....	.....
District of Columbia	6	806	2	2	156	7	650	4	350	3	300	.....	.....	.....	.....	.....
Florida	60	1,029	41	41	706	29	323	12	161	17	162	.....	.....	.....	.....	.....
Georgia	719	16,888	192	188	5,132	896	11,733	381	5,800	515	5,933	.....	.....	.....	.....	23
Idaho	13	499	4	4	150	11	349	11	349	.....	.....	.....	.....	.....	.....	.....
Illinois	633	39,382	700	582	32,272	225	6,754	187	5,885	38	869	.....	.....	.....	.....	356
Indian territory	2	170	2	2	95	2	75	2	75	.....	.....	.....	.....	.....	.....	.....
Indiana	722	38,785	641	574	29,459	489	9,326	346	6,891	143	2,435	.....	.....	.....	.....	.....
Iowa	440	22,056	294	264	11,215	619	10,820	419	9,006	100	1,814	.....	.....	.....	.....	21
Kansas	348	19,382	288	243	12,059	189	7,132	166	6,425	23	707	.....	.....	.....	.....	191
Kentucky	505	17,620	377	362	12,973	287	4,647	105	2,388	182	2,259	.....	.....	.....	.....	.....
Louisiana	19	328	19	19	328	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	210	9,163	56	53	2,102	349	7,058	186	3,566	163	3,492	.....	.....	.....	.....	3
Maryland	335	10,972	96	77	3,992	428	6,980	204	3,768	224	3,212	.....	.....	.....	.....	.....
Massachusetts	237	10,821	73	63	2,812	303	7,944	223	5,977	80	1,967	.....	.....	.....	.....	65
Michigan	543	33,814	337	312	16,749	676	17,049	476	13,190	200	3,859	.....	.....	.....	.....	16
Minnesota	307	48,289	310	214	24,532	289	23,732	226	21,214	63	2,518	.....	.....	.....	.....	25
Mississippi	408	7,040	295	293	5,268	187	1,772	76	923	111	849	.....	.....	.....	.....	.....
Missouri	710	34,872	667	591	30,611	266	4,225	169	2,816	97	1,409	.....	.....	.....	.....	36
Montana	7	311	2	2	65	5	246	4	210	1	36	.....	.....	.....	.....	.....
Nebraska	184	9,283	76	73	3,763	171	6,490	148	4,629	23	861	.....	.....	.....	.....	30
New Hampshire	121	6,412	23	22	841	258	5,551	125	3,329	133	2,222	.....	.....	.....	.....	20
New Jersey	226	9,151	62	58	2,187	333	6,964	218	4,554	115	2,410	.....	.....	.....	.....	.....
New Mexico	18	498	5	5	223	13	275	8	182	5	93	.....	.....	.....	.....	.....
New York	1,222	71,049	422	383	20,243	2,380	50,492	1,330	31,717	1,050	18,775	.....	.....	.....	.....	314
North Carolina	983	25,693	230	232	5,673	1,612	19,874	461	6,309	1,151	13,565	14	.....	.....	.....	132
North Dakota	35	2,500	40	35	1,966	15	534	11	407	4	127	.....	.....	.....	.....	.....
Ohio	903	51,963	758	674	34,361	805	17,512	407	9,751	398	7,761	.....	.....	.....	.....	90
Oregon	86	4,521	31	28	1,435	90	3,086	56	2,359	34	727	.....	.....	.....	.....	.....
Pennsylvania	2,219	78,478	863	743	28,132	3,167	50,141	1,561	26,524	1,606	23,617	.....	35	.....	.....	170
Rhode Island	31	1,159	11	11	600	24	529	19	451	5	78	.....	.....	.....	.....	30
South Carolina	512	8,947	204	202	3,334	477	5,556	154	2,145	323	3,411	.....	.....	.....	.....	57
South Dakota	62	3,234	52	46	2,371	29	850	27	825	2	25	3	.....	.....	.....	10
Tennessee	918	20,061	261	247	8,820	897	11,166	282	4,624	615	6,542	65	.....	.....	.....	10
Texas	690	17,924	651	637	16,500	74	1,376	47	1,088	27	288	.....	.....	.....	.....	48
Utah	49	1,909	7	5	327	70	1,582	52	1,294	18	288	.....	.....	.....	.....	.....
Vermont	217	11,541	18	18	738	508	10,803	288	6,766	220	4,037	.....	.....	.....	.....	.....
Virginia	1,178	26,561	65	66	1,929	1,568	24,637	465	8,176	1,103	16,461	.....	.....	.....	.....	4
Washington	38	2,296	19	15	834	29	1,462	26	1,412	3	50	.....	.....	.....	.....	.....
West Virginia	496	12,449	213	201	6,250	460	6,189	133	2,049	327	4,140	.....	.....	.....	.....	10
Wisconsin	497	34,180	215	175	12,422	887	21,683	597	15,707	290	5,976	.....	.....	.....	.....	75
Wyoming	6	349	3	3	165	6	184	6	184	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

FOOD PREPARATIONS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	151	5,773	158	133	4,797	12	758	10	698	2	60	8	23	177	.....	10
California	11	212	10	9	179	.....	.....	.....	.....	.....	.....	.....	.....	33	.....	.....
Colorado	1	60	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	2	18	2	2	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	1	100	2	1	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	11	395	14	11	389	.....	.....	.....	.....	.....	.....	.....	5	1	.....	.....
Indiana	1	807	12	6	800	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Iowa	7	417	7	6	302	4	115	4	115	.....	.....	.....	.....	.....	.....	.....
Louisiana	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	100	1	1	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	125	3	1	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	16	523	14	13	510	.....	.....	.....	.....	.....	.....	.....	1	12	.....	.....
Michigan	4	81	4	3	78	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Minnesota	3	46	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....
Missouri	9	151	5	6	131	.....	.....	.....	.....	.....	.....	5	.....	15	.....	.....
Nebraska	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	13	219	14	11	208	.....	.....	.....	.....	.....	.....	1	.....	10	.....	.....
New York	34	1,532	32	29	856	7	593	6	583	1	10	2	.....	71	.....	10
Ohio	10	326	12	9	325	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Pennsylvania	13	203	10	10	173	.....	.....	.....	.....	.....	.....	.....	10	20	.....	.....
Rhode Island	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	2	50	2	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	1	50	.....	.....	.....	1	50	.....	.....	1	50	.....	.....	.....	.....	.....
Virginia	1	40	2	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	4	219	5	5	219	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

FOUNDRY AND MACHINE SHOP PRODUCTS.

The United States	5,794	210,901	5,592	5,682	183,282	542	16,356	360	12,185	182	4,171	1,190	397	8,534	813	329
Alabama	38	1,909	41	51	1,749	2	160	2	160	.....	.....	.....	.....	.....	.....	.....
Arizona	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas	14	260	15	15	260	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	123	2,601	95	98	2,117	11	107	1	18	10	89	10	9	353	.....	.....
Colorado	30	1,128	35	41	1,118	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....
Connecticut	184	6,918	203	157	5,525	39	1,072	24	850	15	222	16	29	247	29	.....
Delaware	24	1,793	41	45	1,711	1	15	1	15	.....	.....	5	9	53	.....	.....
District of Columbia	15	1,575	26	29	1,551	.....	.....	.....	.....	.....	.....	18	.....	6	.....	.....
Florida	9	190	10	11	190	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	45	1,448	47	49	1,327	2	60	1	35	1	25	.....	11	48	2	.....
Illinois	365	14,519	352	328	12,603	29	973	17	723	12	250	38	25	852	28	.....
Indiana	182	6,570	208	207	6,390	3	145	3	145	.....	.....	4	15	16	.....	.....
Iowa	104	2,418	109	105	2,326	4	49	2	35	2	14	12	5	26	.....	.....
Kansas	58	1,635	63	65	1,508	4	92	2	71	2	21	.....	15	.....	20	.....
Kentucky	56	2,729	71	99	2,724	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	3
Louisiana	40	916	37	41	893	.....	.....	.....	.....	.....	.....	13	3	7	.....	.....
Maine	76	1,875	46	49	986	21	621	12	522	9	99	12	.....	155	101	.....
Maryland	70	2,281	71	73	2,117	.....	.....	.....	.....	.....	.....	.....	.....	164	.....	.....
Massachusetts	662	18,126	455	398	13,174	89	3,103	62	2,342	27	761	248	16	1,386	166	33
Michigan	237	9,040	233	250	8,228	22	615	13	446	9	169	38	16	128	15	.....
Minnesota	79	1,548	69	67	1,262	3	165	3	165	.....	.....	5	20	81	5	10
Mississippi	18	328	19	19	328	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	157	6,115	178	231	6,072	.....	.....	.....	.....	.....	.....	13	5	24	.....	1
Montana	3	60	2	2	45	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....
Nebraska	27	599	28	28	554	1	45	.....	.....	1	45	.....	.....	.....	.....	.....
Nevada	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	72	2,492	48	43	1,623	28	716	15	358	13	358	.....	.....	130	23	.....
New Jersey	233	11,790	259	271	10,689	28	878	22	612	6	266	11	3	157	27	25
New Mexico	2	37	2	2	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	941	34,390	771	730	27,312	124	4,150	90	3,116	34	1,034	125	15	2,495	278	15
North Carolina	26	589	24	26	470	6	107	3	47	3	60	.....	.....	12	.....	.....
North Dakota	5	46	4	4	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
Ohio	545	23,292	557	570	21,356	20	590	16	495	4	95	92	83	966	5	200
Oregon	20	527	19	20	418	3	68	2	65	1	3	.....	.....	6	35	.....
Pennsylvania	803	34,280	928	1,068	32,291	29	629	19	479	10	150	437	72	806	25	20
Rhode Island	94	4,287	111	71	3,935	4	92	3	77	1	15	12	2	232	10	4
South Carolina	14	413	17	18	405	1	8	.....	.....	1	8	.....	.....	.....	.....	.....
South Dakota	4	55	4	4	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	61	2,068	73	72	2,000	1	8	1	8	.....	.....	.....	.....	.....	.....	.....
Texas	47	964	47	53	950	.....	.....	.....	.....	.....	.....	.....	14	.....	.....	.....
Utah	9	151	8	8	115	1	36	1	36	.....	.....	.....	.....	.....	.....	.....
Vermont	57	1,489	22	22	429	41	952	28	613	13	339	.....	.....	61	44	3
Virginia	57	1,622	53	56	1,192	9	348	5	312	4	36	3	14	65	.....	.....
Washington	25	609	24	28	566	1	40	1	40	.....	.....	3	.....	.....	.....	.....
West Virginia	30	798	31	31	752	.....	.....	.....	.....	.....	.....	.....	.....	46	.....	.....
Wisconsin	131	4,407	134	125	3,824	15	512	11	400	4	112	60	6	5	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

FOUNDRY SUPPLIES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	16	1,502	23	17	1,260	7	240	3	165	4	75	.....	.....	2	.....	.....
Connecticut	2	290	2	2	135	2	155	2	155	.....	.....	.....	.....	.....	.....	.....
Illinois	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Kentucky	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	30	.....	.....	.....	2	30	.....	.....	2	30	.....	.....	.....	.....	.....
New York	4	295	5	4	240	3	55	1	10	2	45	.....	.....	.....	.....	.....
Ohio	3	430	5	4	430	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	3	390	9	5	390	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

FRUIT JAR TRIMMINGS.

The United States	5	410	5	6	390	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....
Connecticut	1	20	1	2	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	2	330	3	3	330	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....

FRUITS AND VEGETABLES, CANNING AND PRESERVING.

The United States	482	15,210	687	531	14,930	10	140	3	45	7	95	11	.....	129	.....	.....
Arkansas	4	120	4	4	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	30	691	44	31	691	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	3	160	5	4	160	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	25	2	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	23	913	30	23	893	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....
Georgia	3	81	3	3	81	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	20	689	26	20	628	.....	.....	.....	.....	.....	.....	1	.....	60	.....	.....
Indiana	8	460	19	9	460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	15	623	29	17	623	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	9	263	11	9	263	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	2	62	2	2	62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	1	100	3	2	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	37	1,285	55	39	1,279	1	6	.....	.....	1	6	.....	.....	.....	.....	.....
Maryland	89	2,788	122	114	2,788	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	7	305	10	7	305	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	29	509	32	27	500	1	4	1	4	.....	.....	.....	.....	5	.....	.....
Minnesota	3	180	4	3	180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mississippi	1	25	2	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	9	214	11	9	210	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Nebraska	7	260	10	6	250	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
New Hampshire	2	15	3	2	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	32	1,364	59	36	1,362	1	2	.....	.....	1	2	.....	.....	.....	.....	.....
New York	66	1,988	92	71	1,902	2	46	1	16	1	30	.....	.....	40	.....	.....
Ohio	25	593	34	28	593	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon	2	57	2	2	32	2	25	.....	.....	2	25	.....	.....	.....	.....	.....
Pennsylvania	19	482	30	22	450	2	32	.....	.....	2	32	.....	.....	.....	.....	.....
Rhode Island	1	36	1	1	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	2	73	3	2	73	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota	1	60	2	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	9	227	12	12	227	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	2	40	2	2	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	18	490	21	19	465	1	25	1	25	.....	.....	.....	.....	.....	.....	.....
West Virginia	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

FUEL, ARTIFICIAL.

The United States	1	50	2	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	1	50	2	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

FUR GOODS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	23	346	13	12	294	1	6	.....	.....	1	6	21	4	18	.....	3
Connecticut	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Illinois	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Massachusetts	1	50	2	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Minnesota	2	8	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
New York	12	200	7	7	175	.....	.....	.....	.....	.....	.....	7	.....	18	.....	.....
Ohio	1	70	2	2	60	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Pennsylvania	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	1	6	.....	.....	.....	1	6	.....	.....	1	6	.....	.....	.....	.....	.....
Wisconsin	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....

FURNISHING GOODS, MEN'S.

The United States	116	1,198	41	33	770	4	45	1	35	3	10	116	52	214	1	.....
California	3	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	5	.....	.....	.....
Connecticut	2	14	1	1	12	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Georgia	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Illinois	4	47	3	2	37	.....	.....	.....	.....	.....	.....	.....	2	8	.....	.....
Louisiana	3	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	17	.....	.....	.....	.....
Maine	2	4	.....	.....	.....	1	2	.....	.....	1	2	2	.....	.....	.....	.....
Maryland	10	63	3	3	44	.....	.....	.....	.....	.....	.....	8	5	6	.....	.....
Massachusetts	22	305	14	10	245	2	38	1	35	1	3	6	.....	15	1	.....
Michigan	2	20	1	1	15	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Minnesota	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
Missouri	2	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	7	.....	.....	.....
New York	29	441	8	5	242	.....	.....	.....	.....	.....	.....	13	22	164	.....	.....
Ohio	5	27	2	2	20	.....	.....	.....	.....	.....	.....	3	4	.....	.....	.....
Pennsylvania	19	100	5	5	43	.....	.....	.....	.....	.....	.....	38	1	18	.....	.....
Tennessee	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	3	9	1	1	2	1	5	.....	.....	1	5	.....	2	.....	.....	.....
Virginia	4	63	2	2	60	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....
Wisconsin	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....

FURNITURE, CABINETMAKING, REPAIRING AND UPHOLSTERING.

The United States	357	5,020	208	199	3,006	56	817	17	334	39	483	69	24	1,080	17	7
Alabama	2	24	2	2	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	10	59	4	4	34	1	2	.....	.....	1	2	10	.....	13	.....	.....
Connecticut	9	193	4	4	49	7	142	4	90	3	52	.....	.....	2	.....	.....
District of Columbia	2	14	2	2	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	4	31	3	3	25	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Idaho	1	8	.....	.....	.....	1	8	.....	.....	1	8	.....	.....	.....	.....	.....
Illinois	20	410	18	13	287	.....	.....	.....	.....	.....	.....	40	.....	81	.....	2
Indiana	10	175	9	9	121	1	54	1	54	.....	.....	.....	.....	.....	.....	.....
Iowa	9	67	8	8	63	1	4	.....	.....	1	4	.....	.....	.....	.....	.....
Kansas	2	55	2	2	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	5	54	4	4	50	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Louisiana	3	32	3	3	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	8	111	1	1	8	3	78	.....	.....	3	78	.....	.....	25	.....	.....
Maryland	3	52	.....	.....	.....	1	4	.....	.....	1	4	.....	.....	48	.....	.....
Massachusetts	36	261	11	10	99	1	1	.....	.....	1	1	5	.....	154	2	.....
Michigan	11	174	7	7	133	3	31	1	20	2	11	.....	.....	10	.....	.....
Minnesota	3	15	2	2	10	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Missouri	7	114	5	5	104	.....	.....	.....	.....	.....	.....	3	7	.....	.....	.....
New Hampshire	4	47	1	1	20	2	23	1	20	1	3	.....	.....	4	.....	.....
New Jersey	4	29	1	1	10	1	2	.....	.....	1	2	.....	.....	17	.....	.....
New York	63	1,340	27	26	506	11	259	4	73	7	186	.....	4	551	15	5
North Carolina	4	15	4	4	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	24	220	15	15	149	4	11	.....	.....	4	11	4	.....	56	.....	.....
Oregon	3	32	2	2	22	1	10	.....	.....	1	10	.....	.....	.....	.....	.....
Pennsylvania	58	751	41	41	647	2	9	.....	.....	2	9	7	5	83	.....	.....
Rhode Island	5	25	1	1	15	1	1	.....	.....	1	1	.....	.....	9	.....	.....
South Dakota	1	5	.....	.....	.....	1	5	.....	.....	1	5	.....	.....	.....	.....	.....
Tennessee	7	70	3	3	34	4	36	2	21	2	15	.....	.....	.....	.....	.....
Texas	4	41	3	3	26	1	15	.....	.....	1	15	.....	.....	.....	.....	.....
Vermont	7	124	2	1	30	5	86	3	36	2	50	.....	.....	8	.....	.....
Virginia	7	74	5	5	64	2	10	.....	.....	2	10	.....	.....	.....	.....	.....
Washington	5	121	5	4	115	1	6	.....	.....	1	6	.....	.....	.....	.....	.....
West Virginia	6	109	5	5	89	1	20	1	20	.....	.....	.....	.....	.....	.....	.....
Wisconsin	9	143	7	7	131	.....	.....	.....	.....	.....	.....	.....	8	4	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

FURNITURE, CHAIRS.

STATES AND TERRITORIES	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	244	14,402	246	184	10,339	93	3,438	56	2,307	37	1,131	11	6	503	105	
Alabama	1	20	1	1	20											
Arkansas	1	20	1	1	20											
Colorado	1	3										3				
Connecticut	2	78	3	2	78											
Georgia	4	75	2	2	55	2	5			2	5			15		
Illinois	9	459	9	6	425								5	29		
Indiana	17	799	21	17	784									15		
Iowa	2	41	1	1	40									1		
Kentucky	3	260	4	3	260											
Maine	4	191	3	3	165	2	26	1	6	1	20					
Maryland	2	140	3	2	140											
Massachusetts	38	3,452	45	24	1,993	31	1,436	21	975	10	461			23		
Michigan	7	800	11	8	580	5	220	3	150	2	70					
Minnesota	1	5												5		
Missouri	7	718	16	9	718											
Nebraska	1	25	1	1	25											
New Hampshire	5	275	3	3	150									125		
New Jersey	4	202	2	2	70	5	132	2	70	3	62					
New York	58	3,339	47	40	2,109	28	1,066	16	759	12	307		1	123	40	
North Carolina	1	20	1	1	20											
Ohio	23	1,160	27	20	1,057	1	25			1	25	8		70		
Oregon	2	43				1	20	1	20						23	
Pennsylvania	18	708	17	15	616	2	80			2	80			12		
Tennessee	2	94	1	1	57	2	37	1	25	1	12					
Texas	4	94	3	3	90	1	4			1	4					
Vermont	13	692	8	6	233	11	332	9	247	2	85			85	42	
Virginia	2	48	2	2	48											
Washington	1	30				1	30	1	30							
West Virginia	2	7	2	2	7											
Wisconsin	9	604	12	9	579	1	25	1	25							

FURNITURE, FACTORY PRODUCT.

The United States	1,187	62,757	1,207	1,019	54,145	120	4,321	69	2,923	51	1,398	638	106	3,297	250	
Alabama	3	63	2	2	28									35		
Arkansas	4	225	5	4	225											
California	29	728	19	19	574							28		126		
Colorado	3	42	3	3	42											
Connecticut	4	135	3	3	110	1	25	1	25							
Florida	1	50	1	1	50											
Georgia	16	820	15	15	705	3	45	2	30	1	15			70		
Illinois	127	6,619	116	95	5,963	1	75	1	75			56	80	415		
Indiana	96	5,544	126	105	5,240	3	135	3	135			2		167		
Iowa	14	633	16	14	633											
Kansas	4	233	5	4	225							8				
Kentucky	17	822	21	18	822											
Louisiana	3	145	3	3	145											
Maine	13	872	8	6	195	9	590	4	355	5	235			12	75	
Maryland	18	906	17	15	782									124		
Massachusetts	88	3,265	48	41	2,129	12	385	9	330	3	55			705	55	
Michigan	99	9,313	136	112	8,601	16	610	5	155	11	455	4		73	25	
Minnesota	16	1,200	25	17	1,200											
Mississippi	2	130	3	3	130											
Missouri	33	1,751	34	33	1,688									63		
Nebraska	1	50	1	1	50											
New Hampshire	22	1,604	15	12	795	17	759	10	485	7	274			50		
New Jersey	12	246	11	9	205	1	30	1	30			5		6		
New York	202	8,892	166	138	6,919	37	1,116	24	910	13	206	2	19	711	35	
North Carolina	6	199	6	7	199											
Ohio	149	8,426	159	148	7,419	5	132	2	109	3	23	500		375		
Oregon	9	554	9	8	331	4	138	2	88	2	50			65	20	
Pennsylvania	110	4,555	132	104	4,403	1	25	1	25			10	7	110		
Rhode Island	3	30	1	1	15									15		
South Carolina	3	42	2	2	37	1	5			1	5					
Tennessee	19	1,213	27	20	1,188	1	25			1	25					
Texas	4	88	3	3	85							3				
Vermont	8	328	2	2	60	6	208	4	171	2	37	20			40	
Virginia	13	371	14	13	371											
Washington	2	95	2	2	95											
West Virginia	3	255	4	4	255											
Wisconsin	31	2,403	47	32	2,240	2	18			2	18			145		

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

FURS, DRESSED.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	16	353	16	14	289	2	12	.....	.....	2	12	.....	.....	52	.....	.....
Illinois	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	24	2	1	12	2	12	.....	.....	2	12	.....	.....	2	.....	.....
New York	10	290	10	9	240	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....
Texas	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	2	23	2	2	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

GALVANIZING.

The United States	14	658	17	16	658	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	3	172	4	4	172	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	50	2	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	3	110	3	3	110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	4	260	5	4	260	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

GAS AND LAMP FIXTURES.

The United States	69	3,904	53	40	3,523	.....	.....	.....	.....	.....	.....	59	5	317	.....	.....
California	2	35	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Illinois	4	107	3	2	80	.....	.....	.....	.....	.....	.....	.....	.....	27	.....	.....
Indiana	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	2	66	2	2	60	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Massachusetts	6	236	3	3	220	.....	.....	.....	.....	.....	.....	7	.....	9	.....	.....
Nebraska	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....
New Jersey	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....	.....
New York	28	2,708	27	20	2,555	.....	.....	.....	.....	.....	.....	50	2	101	.....	.....
Ohio	4	110	4	4	110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	15	594	11	6	460	.....	.....	.....	.....	.....	.....	.....	3	131	.....	.....
Rhode Island	3	19	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....
Wisconsin	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....

GAS, ILLUMINATING AND HEATING.

The United States	532	26,475	990	981	26,296	3	67	1	2	2	65	.....	18	.....	.....	.....
Alabama	6	34	6	6	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arizona	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas	5	62	6	7	62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	14	1,144	33	24	1,132	.....	.....	.....	.....	.....	.....	.....	12	.....	.....	.....
Colorado	5	92	7	6	92	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	16	628	26	24	628	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	2	44	3	5	40	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
District of Columbia	2	912	15	16	910	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Florida	6	183	10	9	183	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	10	467	16	15	467	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	24	3,058	66	59	3,058	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	26	458	28	32	458	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	12	761	19	21	761	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	9	430	12	13	430	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	8	268	11	11	268	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	3	207	10	6	207	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	8	181	13	11	181	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	5	128	18	12	128	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	52	2,477	98	97	2,477	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	26	355	24	29	355	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	7	737	13	14	737	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mississippi	1	40	2	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	11	610	30	26	610	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montana	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	2	465	6	5	465	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nevada	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	7	192	9	10	192	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	29	777	51	47	777	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	72	7,269	217	216	7,269	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Carolina	3	88	4	4	88	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

GAS, ILLUMINATING AND HEATING—Continued.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
North Dakota	2	20	2	2	20											
Ohio	50	1,241	64	74	1,241											
Oregon	1	10	1	1	10											
Pennsylvania	59	1,332	87	85	1,332											
Rhode Island	6	302	12	12	302											
South Carolina	2	91	10	9	91											
South Dakota	2	50	2	3	50											
Tennessee	5	260	10	11	260											
Texas	8	68	9	9	68											
Utah	1	8	1	1	8											
Vermont	6	249	6	9	182	3	67	1	2	2	65					
Virginia	4	35	4	4	35											
Washington	4	195	6	6	195											
West Virginia	3	49	4	5	49											
Wisconsin	11	472	17	21	472											

GAS MACHINES AND METERS.

The United States	19	362	14	13	280									42	40	
Illinois	1	3												3		
Kentucky	1	20												20		
Maryland	1	10												10		
Massachusetts	3	55	3	3	55											
New Jersey	3	42	3	3	42											
New York	1	8	2	1	8											
Ohio	1	40													40	
Pennsylvania	8	184	6	6	175									9		

GAS STOVES.

The United States	18	483	15	12	437	1	15			1	15		5	26		
Connecticut	3	69	2	2	68									1		
Illinois	2	84	2	1	80									4		
Massachusetts	2	79	3	1	75									4		
Michigan	1	10												10		
New Jersey	2	35	3	3	35											
New York	1	40	1	1	25	1	15			1	15					
Ohio	5	161	3	3	150								5	6		
Rhode Island	1	1												1		
Wisconsin	1	4	1	1	4											

GLASS.

The United States	251	28,241	475	557	28,116	3	70	3	70				22	26		7
California	1	30	2	1	30											
Colorado	1	40	1	1	40											
Delaware	1	25	1	1	25											
Georgia	1	35	1	1	35											
Illinois	10	372	18	12	372											
Indiana	16	6,670	45	69	6,670											
Kentucky	1	40	1	1	40											
Maryland	10	378	13	12	360									18		
Massachusetts	2	55	3	3	55											
Missouri	2	2,030	20	22	2,030											
New Jersey	34	1,127	48	51	1,127											
New York	28	759	36	35	752											7
Ohio	47	1,507	51	48	1,487								12	8		
Pennsylvania	90	14,928	221	289	14,848	3	70	3	70				10			
West Virginia	6	220	12	10	220											
Wisconsin	1	25	2	1	25											

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

GLASS, CUTTING, STAINING, AND ORNAMENTING.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	97	1,017	32	30	608							21	3	385		
California	3	8	1	1	5									3		
Colorado	1	5												5		
Illinois	11	206	3	2	176									30		
Indiana	1	10	1	1	10											
Maine	2	5	1	1	4									1		
Maryland	1	1												1		
Massachusetts	10	81	2	2	66							5		10		
Michigan	1	4												4		
Minnesota	2	21	1	1	6							15				
Missouri	6	114	5	5	106									8		
New Jersey	3	13	1	1	8									5		
New York	31	394	7	6	138								1	255		
Ohio	4	13	1	1	8							1		4		
Pennsylvania	18	100	7	7	40								2	58		
Rhode Island	1	1												1		
Wisconsin	2	41	2	2	41											

GLOVES AND MITTENS.

The United States	72	958	26	23	420	9	413	3	168	6	245	52	12	61		
California	7	17										14	3			
Illinois	2	35	2	2	35											
Iowa	5	50	2	2	14	2	10			2	10	1		25		
Maryland	1	8	1	1	8											
Massachusetts	2	14	3	2	14											
New Hampshire	4	355				5	355	2	160	3	195					
New Jersey	1	50	2	1	50											
New York	48	421	16	15	299	2	48	1	8	1	40	36	2	36		
Wisconsin	2	8										1	7			

GLUCOSE.

The United States	7	14,800	126	44	14,800											
Illinois	4	5,800	80	27	5,800											
Iowa	1	3,000	20	6	3,000											
Kansas	1	2,500	10	3	2,500											
New York	1	3,500	16	8	3,500											

GLUE.

The United States	51	4,912	145	104	4,892	1	3			1	3		17			
California	3	64	6	3	64											
Illinois	1	250	9	2	250											
Indiana	3	228	9	9	228											
Kentucky	1	16	4	2	16											
Maine	1	30	1	1	30											
Maryland	1	40	1	1	40											
Massachusetts	9	715	23	16	715											
Michigan	1	170	2	1	170											
Missouri	1	750	9	3	750											
New Hampshire	1	40	3	1	40											
New Jersey	2	133	5	6	133											
New York	12	602	25	29	586	1	3			1	3		13			
Ohio	3	175	5	4	175											
Pennsylvania	9	1,585	40	23	1,585											
Virginia	1	4											4			
West Virginia	1	70	2	2	70											
Wisconsin	1	40	1	1	40											

GOLD AND SILVER, LEAF AND FOIL.

The United States	7	336	5	3	177									159		
Connecticut	2	14	1	1	12									2		
New York	1	148												148		
Pennsylvania	4	174	4	2	165									9		

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

GOLD AND SILVER, REDUCING AND REFINING, NOT FROM THE ORE.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	24	1,408	24	30	1,341							2	14	51		
Illinois	1	260	4	8	260											
Kansas	1	800	8	7	800											
New Jersey	5	39	1	1	20								14	5		
New York	6	50	2	2	28									22		
Ohio	1	3												3		
Pennsylvania	2	102	3	6	100							2				
Rhode Island	8	154	6	6	133									21		

GRAPHITE.

The United States	3	66	3	3	66											
Massachusetts	1	30	1	1	30											
Michigan	1	20	1	1	20											
Pennsylvania	1	16	1	1	16											

GREASE AND TALLOW.

The United States	97	3,785	145	124	3,780									5		
Colorado	2	338	5	3	338											
Connecticut	5	95	6	0	95											
District of Columbia	1	40	1	2	40											
Illinois	8	443	13	21	443											
Indiana	4	54	5	4	54											
Iowa	4	71	6	4	71											
Kansas	3	168	5	3	168											
Maine	1	40	1	1	40											
Maryland	3	125	3	3	125											
Massachusetts	19	653	30	21	653											
Michigan	1	215	3	2	215											
Minnesota	2	65	5	2	65											
Missouri	6	151	7	9	151											
Nebraska	3	65	5	3	65											
New Hampshire	1	25	1	1	25											
New Jersey	2	80	4	3	80											
New York	9	159	10	10	159											
Ohio	4	78	5	4	78											
Oregon	1	40	1	1	40											
Pennsylvania	9	336	12	9	331									5		
Rhode Island	3	310	7	4	310											
Vermont	1	8	1	1	8											
Virginia	1	40	2	2	40											
Wisconsin	4	186	7	5	186											

GRINDSTONES.

The United States	9	308	15	18	308											
Massachusetts	1	10	1	1	10											
Michigan	1	100	3	4	100											
Ohio	6	158	9	11	158											
Pennsylvania	1	40	2	2	40											

GUNPOWDER.

The United States	30	9,033	104	83	3,835	221	5,156	125	3,086	96	2,070				42	
Connecticut	2	692	6	4	300	24	392	22	350	2	42					
Delaware	1	965	9	6	315	36	650			36	650					
Maine	2	835	4	4	55	43	780	17	340	20	440					
Massachusetts	1	544	5	5	198	13	346			13	346					
New Jersey	1	200	2	1	200											
New York	4	947	3	2	45	18	902	9	812	9	90					
Ohio	4	1,779	20	21	1,135	26	602	26	602						42	
Pennsylvania	14	2,471	53	39	1,437	50	1,034	46	782	4	252					
Tennessee	1	600	2	1	150	11	450	5	200	6	250					

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

HAIRWORK.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	1	2	1	1	2											
New York	1	2	1	1	2											

HAMMOCKS.

The United States	1	2	1	1	2											
Massachusetts	1	2	1	1	2											

HAND KNIT GOODS.

The United States	3	26	3	3	26											
New Jersey	1	15	1	1	15											
New York	2	11	2	2	11											

HAND STAMPS.

The United States	40	134	11	11	75	3	5			3	5	21	8	24	1	
Colorado	1	2				1	2			1	2					
Illinois	1	3												3		
Kansas	2	3				1	1			1	1		2			
Maryland	3	5	1	1	3							2				
Massachusetts	9	16	1	1	1							7		8		
Minnesota	1	1										1				
Missouri	1	2											2			
Nebraska	1	5	1	1	5											
New Jersey	2	13	1	1	10									3		
New York	8	21	3	3	11							6		3	1	
Ohio	3	6	1	1	4							2				
Pennsylvania	5	15	2	2	6	1	2			1	2			7		
Rhode Island	1	3										3				
Wisconsin	2	39	1	1	35								4			

HARDWARE.

The United States	296	12,994	283	225	10,594	51	1,643	41	1,396	10	247	7	20	648	167	5
Alabama	1	120	1	1	120											
California	1	34	1	1	34											
Connecticut	68	5,720	121	85	4,773	25	870	20	722	5	148		2	75		
Illinois	31	1,052	26	18	954	1	25	1	25				10	61	2	
Indiana	1	6	1	1	6											
Iowa	1	7												7		
Maine	6	80	1	1	10	3	65	2	50	1	15	1		4		
Massachusetts	31	644	16	15	429	5	137	3	105	2	32			70	8	
Michigan	1	60	1	1	60											
Missouri	2	95	2	2	95											
Nebraska	1	18	1	1	18											
New Hampshire	3	180	3	2	105	3	75	3	75							
New Jersey	22	592	13	11	534							3		55		
New York	59	1,999	37	33	1,151	8	444	7	394	1	50			247	152	5
Ohio	26	433	18	15	338	1	2	1	2				8	85		
Oregon	1	12	1	1	12											
Pennsylvania	29	1,444	28	27	1,383	3	15	3	15			3		43		
Rhode Island	4	186	4	3	185									1		
Texas	1	15	1	1	15											
Vermont	3	17	1	1	2	2	10	1	8	1	2				5	
West Virginia	1	120	2	1	120											
Wisconsin	3	160	4	4	160											

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

HARDWARE, SADDLERY.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	77	1,950	55	45	1,760	2	55	2	55	.....	.....	18	.....	109	5	3
California	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	5	280	6	6	275	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....
Illinois	6	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	12	.....	.....
Massachusetts	5	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	9	.....	.....
Michigan	1	80	2	1	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	105	1	1	50	2	55	2	55	.....	.....	.....	.....	.....	.....	.....
New Jersey	29	520	17	11	460	.....	.....	.....	.....	.....	.....	2	.....	58	.....	.....
New York	10	290	7	6	273	.....	.....	.....	.....	.....	.....	2	.....	15	.....	.....
Ohio	7	472	13	11	472	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	10	149	7	7	134	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Vermont	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Wisconsin	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

HAT AND CAP MATERIALS.

The United States	46	1,968	43	28	1,575	11	272	8	172	3	100	.....	2	119	.....	.....
Connecticut	16	888	17	12	620	7	205	6	145	1	60	.....	2	61	.....	.....
Massachusetts	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....
New Jersey	11	601	14	7	565	2	27	2	27	.....	.....	.....	.....	9	.....	.....
New York	16	332	8	7	255	2	40	.....	.....	2	40	.....	.....	37	.....	.....
Pennsylvania	2	135	4	2	135	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

HATS AND CAPS, NOT INCLUDING WOOL HATS.

The United States	206	8,569	313	211	8,254	5	66	4	56	1	10	13	3	233	.....	.....
California	3	15	2	3	14	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Connecticut	42	2,633	94	48	2,576	3	47	3	47	.....	.....	.....	.....	10	.....	.....
Georgia	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Illinois	3	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	5	.....	.....
Iowa	3	14	1	1	2	.....	.....	.....	.....	.....	.....	5	.....	7	.....	.....
Maryland	6	168	8	6	168	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	25	525	30	18	503	1	9	1	9	.....	.....	2	.....	11	.....	.....
Michigan	2	40	2	1	30	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Missouri	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
New Jersey	66	3,128	96	65	2,976	.....	.....	.....	.....	.....	.....	.....	.....	152	.....	.....
New York	28	1,378	46	32	1,353	1	10	.....	.....	1	10	.....	2	13	.....	.....
Ohio	2	77	2	1	75	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Pennsylvania	20	368	22	22	346	.....	.....	.....	.....	.....	.....	2	1	19	.....	.....
Rhode Island	1	75	4	1	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	2	130	5	2	130	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

HAY AND STRAW, BALING.

The United States	35	651	36	37	641	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Illinois	5	137	5	5	137	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	2	22	2	2	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	2	15	2	2	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	2	42	2	2	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	4	81	3	3	71	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Ohio	5	63	5	5	63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	6	183	8	9	183	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	3	24	3	3	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	2	20	2	2	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

HIGH EXPLOSIVES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	26	1,641	48	49	1,406	12	235	4	147	8	88	.....	.....	.....	.....	.....
Alabama	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	4	1,088	19	15	865	11	223	4	147	7	76	.....	.....	.....	.....	.....
Michigan	5	36	5	6	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	18	1	1	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	4	283	9	11	283	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	2	30	2	4	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	2	85	2	4	85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	5	61	7	5	49	1	12	.....	.....	1	12	.....	.....	.....	.....	.....
Tennessee	2	30	2	2	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

HONES AND WHETSTONES.

The United States	8	160	4	4	70	5	90	4	70	1	20	.....	.....	.....	.....	.....
Maine	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	2	20	.....	.....	.....	2	20	2	20	.....	.....	.....	.....	.....	.....	.....
New York	2	54	2	2	54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Carolina	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	2	70	.....	.....	.....	3	70	2	50	1	20	.....	.....	.....	.....	.....

HOOKS AND EYES.

The United States	8	231	8	6	161	1	10	.....	.....	1	10	.....	.....	30	30	.....
Connecticut	4	110	4	3	70	1	10	.....	.....	1	10	.....	.....	.....	30	.....
Massachusetts	2	66	3	2	41	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
Pennsylvania	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Rhode Island	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

HORSESHOES, FACTORY PRODUCT.

The United States	4	2,795	27	14	2,790	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Massachusetts	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
New York	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	250	5	3	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	1	2,500	21	10	2,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

HOSIERY AND KNIT GOODS.

The United States	586	34,538	575	429	22,005	224	12,360	161	9,041	63	3,319	101	55	.....	.....	17
Alabama	3	115	3	3	115	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Connecticut	26	2,405	36	21	1,495	18	910	14	595	4	315	.....	.....	.....	.....	.....
Florida	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	4	151	2	3	55	2	81	2	81	.....	.....	15	.....	.....	.....	.....
Illinois	20	601	14	10	442	4	135	4	135	.....	.....	20	4	.....	.....	.....
Indiana	9	443	9	6	222	4	221	3	96	1	125	.....	.....	.....	.....	.....
Kansas	1	6	.....	.....	.....	1	6	1	6	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	50	1	1	25	1	25	.....	.....	1	25	.....	.....	.....	.....	.....
Louisiana	2	107	2	1	100	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....
Maryland	3	68	4	4	68	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	42	3,056	50	35	2,185	17	871	12	591	5	280	.....	.....	.....	.....	.....
Michigan	7	349	9	5	204	2	145	2	145	.....	.....	.....	.....	.....	.....	.....
Minnesota	1	45	2	1	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	3	10	.....	.....	5	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
New Hampshire	32	2,317	19	10	369	40	1,948	34	1,635	6	313	.....	.....	.....	.....	.....
New Jersey	15	832	18	10	610	5	220	5	220	.....	.....	2	.....	.....	.....	.....
New York	169	15,678	173	123	8,415	110	7,227	76	5,222	34	2,005	34	2	.....	.....	.....
North Carolina	5	94	4	3	84	1	10	.....	.....	1	10	.....	.....	.....	.....	.....
Ohio	28	509	19	18	477	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	17
Pennsylvania	171	5,200	162	140	5,090	3	65	2	50	1	15	3	42	.....	.....	.....
Rhode Island	15	1,052	19	11	1,010	2	42	1	40	1	2	.....	.....	.....	.....	.....
Utah	2	12	2	2	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	10	840	7	7	389	13	451	5	225	8	226	.....	.....	.....	.....	.....
Virginia	2	127	3	2	127	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	13	439	16	12	436	1	3	.....	.....	1	3	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

HOUSE FURNISHING GOODS, NOT ELSEWHERE SPECIFIED.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	63	4,559	64	48	3,226	18	1,141	13	875	5	266	6	.....	186	.....	.....
Alabama	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	7	1,895	15	9	1,260	7	635	7	635	.....	.....	.....	.....	.....	.....	.....
Illinois	5	163	5	5	117	.....	.....	.....	.....	.....	.....	.....	.....	46	.....	.....
Indiana	2	100	3	2	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1	150	2	1	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	2	65	.....	.....	.....	2	65	.....	.....	2	65	.....	.....	.....	.....	.....
Maryland	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	9	273	6	6	185	2	85	1	50	1	35	.....	.....	3	.....	.....
Michigan	4	525	4	3	420	3	100	3	100	.....	.....	.....	.....	5	.....	.....
Missouri	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
New Hampshire	1	75	.....	.....	.....	1	75	1	75	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	14	973	15	8	702	3	181	1	15	2	166	5	.....	85	.....	.....
Ohio	6	101	4	4	61	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	.....
Pennsylvania	7	108	6	6	101	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....
South Carolina	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

ICE, ARTIFICIAL.

The United States	212	20,264	380	358	19,716	10	360	4	215	6	145	25	.....	163	.....	.....
Alabama	17	1,118	28	30	1,078	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	.....
Arizona	2	45	2	3	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas	5	1,011	13	22	971	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	.....
California	6	115	3	2	35	4	80	.....	.....	4	80	.....	.....	.....	.....	.....
Colorado	1	70	3	1	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	1	240	2	3	240	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	1	125	.....	.....	.....	1	125	1	125	.....	.....	.....	.....	.....	.....	.....
Florida	8	246	11	14	246	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	16	1,395	22	30	1,330	1	25	.....	.....	1	25	.....	.....	40	.....	.....
Illinois	8	618	13	12	618	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	2	235	4	3	235	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	4	167	8	4	167	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	12	1,248	27	20	1,248	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	10	1,398	33	24	1,398	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	5	1,150	10	10	1,150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mississippi	8	402	10	11	384	.....	.....	.....	.....	.....	.....	3	.....	15	.....	.....
Missouri	2	200	4	2	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	120	2	2	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	1	800	2	1	800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Carolina	4	123	6	6	123	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	10	838	15	19	810	.....	.....	.....	.....	.....	.....	.....	.....	28	.....	.....
Oregon	4	904	5	5	860	1	40	.....	.....	1	40	4	.....	.....	.....	.....
Pennsylvania	5	505	11	10	505	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	4	505	6	6	505	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	13	1,709	31	27	1,701	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	.....
Texas	50	3,750	87	70	3,650	3	90	3	90	.....	.....	10	.....	.....	.....	.....
Virginia	6	495	9	13	495	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	2	135	3	2	135	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	4	597	10	6	597	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

INK, PRINTING.

The United States	29	1,266	29	23	1,131	1	25	1	25	.....	.....	15	.....	95	.....	.....
Illinois	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Massachusetts	1	200	3	3	175	1	25	1	25	.....	.....	.....	.....	.....	.....	.....
Missouri	2	65	2	2	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	3	112	3	3	112	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	11	382	6	4	285	.....	.....	.....	.....	.....	.....	5	.....	92	.....	.....
Ohio	3	285	4	3	285	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	8	212	11	8	209	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....

INK, WRITING.

The United States	7	75	6	7	71	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Illinois	1	18	1	2	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	2	10	2	2	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	2	14	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Pennsylvania	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES, 1890—Continued.

INSTRUMENTS, PROFESSIONAL AND SCIENTIFIC.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	115	969	37	37	579	4	112	3	110	1	2	28	30	214	.....	.....
Colorado	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....
Connecticut	2	22	.....	.....	.....	1	20	1	20	.....	.....	.....	.....	2	.....	.....
District of Columbia	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Illinois	5	23	1	1	10	.....	.....	.....	.....	.....	.....	.....	2	11	.....	.....
Indiana	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	2	13	2	2	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	2	9	1	1	6	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
Massachusetts	10	76	4	5	63	.....	.....	.....	.....	.....	.....	1	.....	12	.....	.....
Michigan	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Missouri	5	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	25	.....	.....
New Hampshire	1	50	.....	.....	.....	1	50	1	50	.....	.....	.....	.....	.....	.....	.....
New Jersey	9	165	6	5	153	1	2	.....	.....	1	2	.....	.....	10	.....	.....
New York	39	387	10	10	234	1	40	1	40	.....	.....	8	2	103	.....	.....
Ohio	6	16	1	1	5	.....	.....	.....	.....	.....	.....	4	.....	7	.....	.....
Pennsylvania	28	147	9	9	78	.....	.....	.....	.....	.....	.....	9	19	41	.....	.....
Rhode Island	1	3	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

IRON AND STEEL.

The United States	645	745,824	8,790	4,309	737,771	131	8,053	75	4,855	56	3,198	.....	.....	.....	.....	.....
Alabama	35	50,685	528	179	50,685	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	3	3,160	68	36	3,160	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	2	14,950	112	39	14,950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	13	3,075	45	25	2,385	10	690	6	535	4	155	.....	.....	.....	.....	.....
Delaware	6	4,820	99	47	4,730	2	90	2	90	.....	.....	.....	.....	.....	.....	.....
Georgia	5	2,710	38	14	2,710	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	20	37,880	404	266	37,880	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	10	5,190	78	65	5,190	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1	450	3	2	450	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	8	5,480	57	40	5,480	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	2	538	12	10	530	2	8	.....	.....	2	8	.....	.....	.....	.....	.....
Maryland	10	6,660	76	40	6,110	5	550	.....	.....	5	550	.....	.....	.....	.....	.....
Massachusetts	13	7,220	131	61	6,705	15	515	11	425	4	90	.....	.....	.....	.....	.....
Michigan	19	8,380	124	88	8,180	3	200	3	200	.....	.....	.....	.....	.....	.....	.....
Minnesota	1	400	4	3	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	6	4,223	53	26	4,223	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	890	25	12	890	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	22	24,661	269	148	24,050	8	571	6	291	2	280	.....	.....	.....	.....	.....
New York	43	33,195	360	135	30,145	35	3,050	10	1,700	19	1,350	.....	.....	.....	.....	.....
North Carolina	1	75	4	2	70	1	5	.....	.....	1	5	.....	.....	.....	.....	.....
Ohio	93	91,975	1,061	576	91,875	2	100	2	100	.....	.....	.....	.....	.....	.....	.....
Oregon	1	1,000	4	1	1,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	280	404,871	4,716	2,272	403,257	37	1,634	21	899	16	735	.....	.....	.....	.....	.....
Tennessee	15	8,506	103	59	8,506	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	17	8,890	154	35	8,250	11	640	8	615	3	25	.....	.....	.....	.....	.....
Washington	1	150	2	2	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	7	7,360	94	51	7,360	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	9	7,005	99	51	7,605	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyoming	1	825	7	15	825	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

IRON AND STEEL, BOLTS, NUTS, WASHERS, AND RIVETS.

The United States	74	8,762	140	103	7,737	18	931	16	856	2	75	35	2	57	.....	.....
Alabama	1	120	2	2	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	9	972	9	8	542	9	395	8	380	1	15	35	.....	.....	.....	.....
Delaware	1	100	1	2	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	2	135	2	1	75	1	60	.....	.....	1	60	.....	.....	.....	.....	.....
Indiana	2	135	2	2	135	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	400	6	3	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	28	1	1	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	8	592	10	6	405	4	130	4	130	.....	.....	.....	.....	57	.....	.....
Michigan	1	350	3	3	350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	1	80	2	2	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	5	585	7	10	585	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	250	12	2	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	11	1,046	16	12	850	2	196	2	196	.....	.....	.....	.....	.....	.....	.....
Ohio	9	1,255	21	12	1,255	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	15	2,319	36	27	2,167	2	150	2	150	.....	.....	.....	2	.....	.....	.....
Rhode Island	2	125	5	3	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	200	2	4	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

IRON AND STEEL, DOORS AND SHUTTERS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	4	47	3	3	46	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Illinois	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Missouri	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

IRON AND STEEL FORGINGS.

The United States	77	10,638	208	122	10,038	5	186	1	30	4	156	10	.....	402	2	.....
California	3	17	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....
Connecticut	3	430	13	8	250	4	180	1	30	3	150	.....	.....	.....	.....	.....
Illinois	8	432	9	6	410	.....	.....	.....	.....	.....	.....	.....	.....	22	.....	.....
Kentucky	1	25	5	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	400	4	3	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	7	673	12	6	655	1	6	.....	.....	1	6	10	.....	.....	2	.....
Missouri	2	1,275	19	10	1,275	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	8	2,265	21	10	2,253	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....
New York	14	1,372	42	16	1,372	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	11	811	28	25	805	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Pennsylvania	15	2,553	41	26	2,198	.....	.....	.....	.....	.....	.....	.....	.....	355	.....	.....
Rhode Island	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	250	8	6	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	2	85	4	3	85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

IRON AND STEEL, NAILS AND SPIKES, CUT AND WROUGHT, INCLUDING WIRE NAILS.

The United States	131	54,664	661	351	49,724	68	4,630	66	4,613	2	17	109	.....	201	.....	.....
Alabama	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	1	2,605	14	20	2,605	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	2	350	3	2	250	1	100	1	100	.....	.....	.....	.....	.....	.....	.....
Illinois	10	1,997	32	17	1,912	1	50	1	50	.....	.....	.....	.....	35	.....	.....
Indiana	4	2,790	36	16	2,790	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1	200	4	2	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	2	1,075	8	6	1,075	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Massachusetts	40	3,321	60	36	2,568	19	633	18	623	1	10	9	.....	111	.....	.....
Michigan	1	7	.....	.....	.....	1	7	.....	.....	1	7	.....	.....	.....	.....	.....
Missouri	1	1,800	16	15	1,800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	3	2,030	54	23	1,880	3	150	3	150	.....	.....	.....	.....	.....	.....	.....
New York	6	975	4	4	310	15	560	15	560	.....	.....	100	.....	5	.....	.....
Ohio	13	9,132	101	58	9,100	.....	.....	.....	.....	.....	.....	.....	.....	32	.....	.....
Pennsylvania	30	18,153	256	112	17,733	7	420	7	420	.....	.....	.....	.....	.....	.....	.....
Rhode Island	2	8	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Virginia	4	3,310	16	9	600	21	2,710	21	2,710	.....	.....	.....	.....	.....	.....	.....
West Virginia	6	6,825	53	27	6,825	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	3	40	2	2	30	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....

IRON AND STEEL, PIPE, WROUGHT.

The United States	21	13,736	193	175	13,596	1	140	.....	.....	1	140	.....	.....	.....	.....	.....
Delaware	1	1,000	10	4	1,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	2	775	30	13	775	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	3	385	5	11	245	1	140	.....	.....	1	140	.....	.....	.....	.....	.....
Ohio	1	900	10	18	900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	14	10,676	138	129	10,676	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

IRONWORK, ARCHITECTURAL AND ORNAMENTAL.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	306	9,090	283	280	8,436	6	158	4	68	2	90	38	28	419	11	.....
California	13	156	6	6	92	.....	.....	.....	.....	.....	.....	.....	10	54	.....	.....
Colorado	4	44	3	3	40	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Connecticut	3	40	3	3	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	1	312	5	5	312	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	4	123	4	8	123	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	2	90	2	2	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	34	1,530	30	31	1,451	.....	.....	.....	.....	.....	.....	.....	.....	88	.....	.....
Indiana	9	238	9	9	236	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Iowa	5	92	5	5	92	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	4	49	4	4	49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	5	325	6	4	323	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Louisiana	2	21	2	2	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	2	24	2	2	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	15	391	11	10	335	1	15	.....	.....	1	15	.....	5	36	.....	.....
Michigan	4	49	1	1	40	.....	.....	.....	.....	.....	.....	7	2	.....	.....	.....
Minnesota	6	220	7	5	212	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	.....
Missouri	22	606	19	19	565	.....	.....	.....	.....	.....	.....	.....	7	34	.....	.....
New Jersey	9	263	8	10	258	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
New York	69	1,881	56	56	1,619	2	85	1	10	1	75	10	4	169	3	.....
Ohio	28	832	29	29	774	3	58	3	58	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	50	1,359	55	51	1,324	.....	.....	.....	.....	.....	.....	7	.....	28	.....	.....
Rhode Island	2	16	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Tennessee	3	50	3	3	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	2	20	1	1	10	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Virginia	3	168	4	4	168	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	5	182	7	6	182	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

IVORY AND BONE WORK.

The United States	48	994	24	20	634	9	174	8	173	1	1	.....	2	184	.....	.....
Connecticut	5	328	7	5	172	6	156	6	156	.....	.....	.....	.....	.....	.....	.....
Illinois	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Maine	1	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	9	106	4	4	68	3	18	2	17	1	1	.....	.....	20	.....	.....
Missouri	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	4	105	3	3	100	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
New York	17	334	5	3	195	.....	.....	.....	.....	.....	.....	.....	2	137	.....	.....
Pennsylvania	7	110	3	3	94	.....	.....	.....	.....	.....	.....	.....	.....	16	.....	.....
Rhode Island	3	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....

JAPANNING.

The United States	3	68	2	3	58	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
New Jersey	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Pennsylvania	1	50	1	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

JEWELRY.

The United States	405	3,566	101	77	1,722	12	225	10	213	2	12	94	46	1,449	8	22
California	9	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	4	40	.....	.....
Colorado	3	15	1	1	8	.....	.....	.....	.....	.....	.....	1	.....	6	.....	.....
Connecticut	2	20	2	2	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Illinois	14	57	1	1	7	.....	.....	.....	.....	.....	.....	15	.....	29	6	.....
Louisiana	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
Maryland	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Massachusetts	93	1,687	44	30	954	11	221	10	213	1	8	1	.....	507	2	2
Michigan	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Missouri	6	28	3	2	20	.....	.....	.....	.....	.....	.....	4	4	.....	.....	.....
Nebraska	1	4	.....	.....	.....	1	4	.....	.....	1	4	.....	.....	.....	.....	.....
New Jersey	66	453	20	16	292	.....	.....	.....	.....	.....	.....	.....	.....	156	.....	5
New York	48	247	9	9	107	.....	.....	.....	.....	.....	.....	29	19	80	.....	12
Ohio	11	57	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	1	48	.....	.....
Pennsylvania	19	202	3	3	22	.....	.....	.....	.....	.....	.....	9	7	164	.....	.....
Rhode Island	125	723	18	13	292	.....	.....	.....	.....	.....	.....	9	.....	419	.....	3
Texas	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Wisconsin	2	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	4	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

JEWELRY AND INSTRUMENT CASES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	24	193	8	8	127	1	9	1	9	.....	.....	10	1	46	.....	.....
Illinois	2	26	1	1	25	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Maine	2	16	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Massachusetts	2	11	.....	.....	.....	1	9	1	9	.....	.....	.....	.....	2	.....	.....
Michigan	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
New Hampshire	1	42	1	1	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	2	9	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
New York	10	65	2	2	27	.....	.....	.....	.....	.....	.....	6	.....	32	.....	.....
Ohio	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Pennsylvania	3	15	2	2	14	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....

JUTE AND JUTE GOODS.

The United States	7	1,532	16	9	1,367	3	165	3	165	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	45	1	1	15	1	30	1	30	.....	.....	.....	.....	.....	.....	.....
New Jersey	5	1,087	11	7	952	2	135	2	135	.....	.....	.....	.....	.....	.....	.....
New York	1	400	4	1	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

KAOLIN AND OTHER EARTH GRINDING.

The United States	91	4,884	92	81	3,743	30	1,041	29	971	1	70	.....	.....	10	90	.....
California	3	136	3	3	136	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	2	65	2	2	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	3	135	3	2	95	1	40	1	40	.....	.....	.....	.....	.....	.....	.....
Delaware	1	70	.....	.....	.....	1	70	.....	.....	1	70	.....	.....	.....	.....	.....
Illinois	2	175	3	2	175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	5	410	1	1	15	4	305	4	305	.....	.....	.....	.....	.....	90	.....
Maryland	4	83	1	1	8	4	75	4	75	.....	.....	.....	.....	.....	.....	.....
Massachusetts	7	201	6	6	126	4	75	4	75	.....	.....	.....	.....	.....	.....	.....
Michigan	5	525	8	5	450	2	75	2	75	.....	.....	.....	.....	.....	.....	.....
Minnesota	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Missouri	3	172	3	5	172	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	4	330	3	2	265	2	65	2	65	.....	.....	.....	.....	.....	.....	.....
New York	12	885	14	12	805	3	80	3	80	.....	.....	.....	.....	.....	.....	.....
North Carolina	1	25	.....	.....	.....	1	25	1	25	.....	.....	.....	.....	.....	.....	.....
Ohio	5	334	6	5	334	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	23	1,035	31	27	885	3	150	3	150	.....	.....	.....	.....	.....	.....	.....
South Dakota	1	10	.....	.....	.....	1	10	1	10	.....	.....	.....	.....	.....	.....	.....
Tennessee	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	2	86	1	1	15	4	71	4	71	.....	.....	.....	.....	.....	.....	.....
Virginia	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	17	1	1	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

KINDLING WOOD.

The United States	100	3,030	115	107	2,990	.....	.....	.....	.....	.....	.....	7	.....	33	.....	.....
Colorado	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	7	82	7	7	82	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	1	3	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	4	199	8	5	199	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	9	210	13	9	205	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Michigan	1	14	1	1	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	5	65	5	5	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	46	1,505	49	50	1,474	.....	.....	.....	.....	.....	.....	.....	.....	31	.....	.....
Ohio	3	7	1	1	3	.....	.....	.....	.....	.....	.....	2	.....	2	.....	.....
Pennsylvania	21	911	27	25	911	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LABELS AND TAGS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	30	275	12	12	188	2	25	1	5	1	20	.....	2	60	.....	.....
Illinois	7	33	2	2	3	1	20	.....	.....	1	20	.....	.....	10	.....	.....
Maryland	2	15	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Massachusetts	1	5	.....	.....	.....	1	5	1	5	.....	.....	.....	.....	.....	.....	.....
Michigan	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	2	7	2	2	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	125	3	3	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	12	45	1	1	10	.....	.....	.....	.....	.....	.....	.....	2	33	.....	.....
Pennsylvania	3	15	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....
Virginia	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

LAMPS AND REFLECTORS.

The United States	52	1,499	24	23	1,106	1	100	1	100	.....	.....	9	27	232	25	.....
Connecticut	2	16	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Illinois	5	52	1	1	10	.....	.....	.....	.....	.....	.....	.....	10	32	.....	.....
Kentucky	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....
Missouri	2	55	1	1	45	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....
New Jersey	4	57	3	4	53	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
New York	29	1,169	14	12	886	1	100	1	100	.....	.....	5	7	146	25	.....
Ohio	3	95	3	3	95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	6	35	1	1	7	.....	.....	.....	.....	.....	.....	.....	.....	23	.....	.....

LAPIDARY WORK.

The United States	13	25	1	1	2	.....	.....	.....	.....	.....	.....	5	.....	18	.....	.....
Illinois	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Massachusetts	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
New Jersey	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
New York	7	16	1	1	2	.....	.....	.....	.....	.....	.....	5	.....	9	.....	.....
Rhode Island	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....

LARD, REFINED.

The United States	12	1,444	32	24	1,444	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	2	185	10	5	185	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	2	35	2	2	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	450	9	7	450	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	3	650	7	6	650	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	2	70	2	2	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

LASTS.

The United States	50	896	22	21	585	.....	.....	.....	.....	.....	.....	20	.....	291	.....	.....
California	2	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	.....	.....
Illinois	2	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45	.....	.....
Maine	3	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	.....	.....
Maryland	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Massachusetts	22	519	11	10	383	.....	.....	.....	.....	.....	.....	20	.....	116	.....	.....
Michigan	1	35	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....
New Hampshire	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	11	181	6	6	131	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....
Pennsylvania	5	41	2	2	27	.....	.....	.....	.....	.....	.....	.....	.....	14	.....	.....
Vermont	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LEAD, BAR, PIPE, AND SHEET.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	28	2,039	36	32	1,916	1	38	1	38	.....	.....	.....	.....	85	.....	.....
California	1	80	2	1	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	1	60	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	3	405	5	4	380	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
Maryland	1	70	2	1	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	3	515	6	4	515	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	60	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	8	553	8	9	455	1	38	1	38	.....	.....	.....	.....	60	.....	.....
Ohio	3	110	3	3	110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	3	105	4	4	105	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	1	16	1	1	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

LEATHER, BOARD.

The United States	8	1,520	7	4	290	24	1,230	20	930	4	300	.....	.....	.....	.....	.....
Maine	3	695	.....	.....	.....	11	695	7	395	4	300	.....	.....	.....	.....	.....
Massachusetts	5	825	7	4	290	13	535	13	535	.....	.....	.....	.....	.....	.....	.....

LEATHER, DRESSED SKINS.

The United States	15	353	12	12	290	1	50	.....	.....	1	50	.....	.....	13	.....	.....
Massachusetts	3	41	2	2	40	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
New Jersey	8	145	6	6	135	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
New York	3	165	4	4	115	1	50	.....	.....	1	50	.....	.....	.....	.....	.....
Rhode Island	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....

LEATHER GOODS.

The United States	45	694	24	22	522	2	70	1	50	1	20	5	11	63	11	12
Illinois	3	62	2	2	60	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Maryland	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Massachusetts	9	33	2	2	8	.....	.....	.....	.....	.....	.....	3	.....	22	.....	.....
Michigan	1	20	.....	.....	.....	1	20	.....	.....	1	20	.....	.....	.....	.....	.....
Minnesota	1	57	1	1	4	1	50	1	50	.....	.....	.....	.....	.....	3	.....
Missouri	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	2	151	4	3	151	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	5	92	5	4	87	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
New York	17	229	8	8	181	.....	.....	.....	.....	.....	.....	.....	7	21	8	13
Pennsylvania	4	19	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	13	.....	.....
Rhode Island	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....

LEATHER, MOROCCO.

The United States	119	6,630	149	120	6,314	1	50	.....	.....	1	50	40	.....	226	.....	.....
Connecticut	1	125	1	1	75	1	50	.....	.....	1	50	.....	.....	.....	.....	.....
Delaware	17	943	27	19	928	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....
Kentucky	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	51	1,956	49	40	1,752	.....	.....	.....	.....	.....	.....	.....	.....	204	.....	.....
Missouri	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	4	780	10	6	780	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	10	708	15	10	708	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	33	2,014	44	41	1,967	.....	.....	.....	.....	.....	.....	25	.....	22	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LEATHER, PATENT AND ENAMELED.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	29	1,959	54	34	1,929											30
Connecticut	1	20	1	1	20											
Delaware	1	80	4	1	80											
Massachusetts	2	50	2	2	50											
New Jersey	22	1,524	42	27	1,524											
New York	1	100	3	1	100											30
Ohio	1	30	1	1	30											
Pennsylvania	1	125	1	1	125											

LEATHER, TANNED AND CURRIED.

The United States	1,081	51,089	1,671	1,256	46,282	230	4,505	76	1,450	154	3,055	24	9	256	10	3
Alabama	6	69	4	4	62	1	6			1	6	1				
Arkansas	2	30	2	2	30											
California	46	1,281	53	47	1,263	3	18			3	18					
Connecticut	6	209	4	3	63	8	146	2	50	6	96					
Delaware	1	10	1	1	10											
Georgia	10	219	8	8	165	4	54			4	54					
Illinois	28	1,741	56	32	1,741											
Indiana	26	615	29	28	615											
Iowa	1	8	1	1	8											
Kansas	1	4	1	1	4											
Kentucky	21	951	37	26	951											
Louisiana	1	4	1	1	4											
Maine	46	2,514	70	42	1,841	33	558	11	180	22	378	10		105		
Maryland	22	385	26	22	378								7			
Massachusetts	133	6,236	196	140	5,928	9	182	6	100	3	82	12		110		3
Michigan	18	828	26	23	828											
Minnesota	5	107	4	4	101									6		
Mississippi	1	30	1	1	30											
Missouri	10	360	13	10	355									5		
Nebraska	1	30	1	1	30											
New Hampshire	15	987	22	18	790	7	197	5	102	2	95					
New Jersey	26	661	28	25	624	1	12	1	12					25		
New York	176	10,274	269	207	7,804	92	2,460	30	720	62	1,740				10	
North Carolina	14	212	6	6	120	8	92	1	1	7	91					
Ohio	66	2,732	80	69	2,732											
Oregon	10	158	6	6	95	5	63	3	33	2	30					
Pennsylvania	276	14,807	550	405	14,387	36	418	10	113	26	305		2			
Rhode Island	5	205	8	4	200									5		
South Carolina	1	16	1	1	16											
Tennessee	15	680	27	17	649	4	31	1	4	3	27					
Texas	3	58	2	2	57	1	1			1	1					
Utah	1	25	2	2	25											
Vermont	16	569	12	11	347	13	222	5	125	8	97					
Virginia	20	735	27	21	715	3	20	1	10	2	10					
Washington	1	15				1	15			1	15					
West Virginia	16	452	20	18	442	1	10			1	10					
Wisconsin	34	2,864	76	46	2,864											
Wyoming	1	8	1	1	8											

LIGHTNING RODS.

The United States	6	83	4	4	70	1	5	1	5					8		
Indiana	2	38	1	1	30									8		
Minnesota	1	5				1	5	1	5							
Missouri	1	12	1	1	12											
Pennsylvania	2	28	2	2	28											

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LIME AND CEMENT.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	218	18,620	425	348	17,589	20	809	6	470	14	339	10	.....	10	.....	202
Alabama	3	195	9	7	195	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	1	60	2	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	5	103	7	22	103	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	2	280	6	5	220	1	60	1	60	.....	.....	.....	.....	.....	.....	.....
Illinois	13	749	31	22	749	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	15	1,445	38	35	1,385	1	60	.....	.....	1	60	.....	.....	.....	.....	.....
Iowa	3	70	3	3	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	2	165	2	3	165	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	2	575	3	3	325	1	250	1	250	.....	.....	.....	.....	.....	.....	.....
Maine	5	99	4	4	95	1	4	.....	.....	1	4	.....	.....	.....	.....	.....
Maryland	8	442	12	10	442	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	2	22	2	2	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	6	116	7	7	116	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	1	257	0	3	257	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	9	335	11	10	335	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	5	234	7	5	234	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Mexico	1	150	2	1	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	34	7,295	112	69	6,718	13	377	4	160	9	217	.....	.....	.....	.....	200
North Carolina	1	2	.....	.....	.....	1	2	.....	.....	1	2	.....	.....	.....	.....	.....
Ohio	41	2,781	58	53	2,769	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	2
Pennsylvania	25	1,726	45	39	1,670	2	56	.....	.....	2	56	.....	.....	.....	.....	.....
Rhode Island	3	47	3	3	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	2	26	2	2	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	2	70	3	3	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	2	300	3	2	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	3	38	3	4	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	4	130	5	5	130	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	1	120	2	2	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	15	772	35	21	762	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....

LINEN GOODS.

The United States	3	975	7	2	475	8	500	7	455	1	45	.....	.....	.....	.....	.....
Massachusetts	1	700	7	2	475	3	225	2	180	1	45	.....	.....	.....	.....	.....
Wisconsin	2	275	.....	.....	.....	5	275	5	275	.....	.....	.....	.....	.....	.....	.....

LIQUORS, DISTILLED.

The United States	246	18,779	746	434	18,429	19	299	7	94	12	205	10	.....	16	.....	25
Arkansas	10	199	10	10	199	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	4	111	5	4	111	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	6	131	7	4	113	2	18	.....	.....	2	18	.....	.....	.....	.....	.....
Georgia	6	132	9	7	132	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	7	4,715	194	64	4,715	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	8	613	39	17	603	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Kentucky	92	6,762	236	159	6,575	7	146	1	26	6	120	.....	.....	16	.....	25
Maryland	11	750	22	16	700	1	50	.....	.....	1	50	.....	.....	.....	.....	.....
Massachusetts	5	372	9	5	372	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	2	610	11	4	610	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	7	203	17	13	203	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	1	170	8	3	170	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	2	18	2	2	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	5	133	7	6	133	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Carolina	5	113	5	6	113	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	12	1,718	71	35	1,718	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	34	1,258	59	52	1,205	5	53	4	41	1	12	.....	.....	.....	.....	.....
Tennessee	19	503	24	19	503	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	7	108	4	4	76	4	32	2	27	2	5	.....	.....	.....	.....	.....
Washington	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	2	145	6	3	145	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LIQUORS, MALT.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	1,034	116,166	2,213	2,499	115,616	13	260	4	132	9	128	167	16	.....	15	92
Alabama	3	405	7	8	405	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	40	2,683	61	67	2,678	2	5	.....	.....	2	5	.....	.....	.....	.....	.....
Colorado	10	1,983	19	41	1,983	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	14	812	22	24	812	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	2	300	5	5	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	4	795	13	12	795	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	5	490	11	13	490	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	85	9,413	190	206	9,403	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Indiana	35	3,290	85	108	3,240	1	25	1	25	.....	.....	25	.....	.....	.....	.....
Iowa	15	309	17	16	309	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	27	1,723	50	46	1,723	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	8	953	30	34	953	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	27	3,488	64	57	3,488	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	25	3,066	56	40	3,036	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	.....
Michigan	58	2,211	73	70	2,191	1	5	.....	.....	1	5	.....	.....	.....	15	.....
Minnesota	44	1,366	58	51	1,354	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	2
Missouri	24	14,552	134	358	14,552	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montana	3	86	5	5	86	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	7	458	16	13	458	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nevada	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	25	2	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	30	5,807	84	89	5,782	.....	.....	.....	.....	.....	.....	25	.....	.....	.....	.....
New Mexico	2	70	3	4	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	213	24,064	467	475	23,867	2	105	2	105	.....	.....	2	.....	.....	.....	90
North Dakota	1	20	2	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	96	11,693	209	191	11,583	2	110	.....	.....	2	110	.....	.....	.....	.....	.....
Oregon	7	736	11	20	736	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	140	13,907	298	332	13,829	1	3	.....	.....	1	3	75	.....	.....	.....	.....
Rhode Island	3	175	6	4	175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	1	306	4	5	300	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....
South Dakota	1	25	2	2	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	4	1,138	10	9	1,138	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	5	1,790	21	21	1,790	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	11	713	19	18	713	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	5	1,339	18	29	1,339	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	76	5,965	139	122	5,958	4	7	1	2	3	5	.....	.....	.....	.....	.....

LIQUORS, VINOUS.

The United States	58	1,042	63	62	1,012	1	22	1	22	.....	.....	.....	8	.....	.....	.....
California	40	775	44	42	767	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....
Connecticut	1	22	.....	.....	.....	1	22	1	22	.....	.....	.....	.....	.....	.....	.....
Indiana	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	4	112	5	5	112	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	2	35	3	2	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	9	84	9	11	84	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LITHOGRAPHING AND ENGRAVING.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	153	4,076	72	59	3,102	.....	.....	.....	.....	.....	.....	140	127	686	3	18
California	6	101	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	41	.....	.....
Colorado	2	50	1	1	30	.....	.....	.....	.....	.....	.....	20	.....	.....	.....	.....
Connecticut	2	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	.....	.....
District of Columbia	4	40	2	2	20	.....	.....	.....	.....	.....	.....	.....	10	10	.....	.....
Georgia	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	13	156	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	96	.....	.....
Iowa	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Kansas	1	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	17	.....	.....	.....	.....
Kentucky	3	29	1	1	12	.....	.....	.....	.....	.....	.....	.....	17	.....	.....	.....
Louisiana	2	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....	.....
Maryland	4	77	4	3	72	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Massachusetts	10	287	5	3	242	.....	.....	.....	.....	.....	.....	20	14	8	3	.....
Michigan	2	40	2	1	30	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Minnesota	2	35	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Missouri	6	99	2	2	65	.....	.....	.....	.....	.....	.....	6	25	.....	.....	3
New Jersey	2	210	4	2	210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	57	1,832	26	23	1,443	.....	.....	.....	.....	.....	.....	20	24	330	.....	15
Ohio	9	595	7	5	490	.....	.....	.....	.....	.....	.....	15	.....	90	.....	.....
Pennsylvania	18	263	9	8	183	.....	.....	.....	.....	.....	.....	27	19	34	.....	.....
Rhode Island	1	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44	.....	.....
Texas	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Utah	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Virginia	1	50	2	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	4	102	3	3	95	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....

LOCK AND GUN SMITHING.

The United States	94	295	47	48	194	9	25	.....	.....	9	25	16	21	33	1	5
Alabama	2	9	.....	.....	.....	2	9	.....	.....	2	9	.....	.....	.....	.....	.....
Connecticut	1	1	.....	.....	.....	1	1	.....	.....	1	1	.....	.....	.....	.....	.....
District of Columbia	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....
Illinois	9	42	5	5	33	2	5	.....	.....	2	5	.....	4	.....	.....	.....
Indiana	3	14	2	2	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Iowa	3	7	1	1	3	1	3	.....	.....	1	3	.....	1	.....	.....	.....
Kansas	2	6	1	1	4	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Maine	5	16	3	3	10	2	6	.....	.....	2	6	.....	.....	.....	.....	.....
Maryland	2	12	2	2	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	18	34	3	3	15	1	1	.....	.....	1	1	6	.....	11	.....	1
Michigan	3	11	2	2	6	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Minnesota	1	6	1	2	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	3	7	2	2	6	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Montana	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	1	3	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	3	7	2	2	6	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
New York	11	39	7	7	30	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....
Ohio	3	6	2	2	5	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Pennsylvania	12	30	7	7	20	.....	.....	.....	.....	.....	.....	5	.....	5	.....	.....
Rhode Island	4	11	1	1	3	.....	.....	.....	.....	.....	.....	2	4	2	.....	.....
Texas	2	7	1	1	6	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Vermont	2	7	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Wisconsin	2	6	2	2	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LOOKING-GLASS AND PICTURE FRAMES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	137	3,206	82	71	2,612	5	71	3	69	2	2	37	32	454	.....	.....
California	3	18	1	2	13	.....	.....	.....	.....	.....	.....	1	4	.....	.....	.....
Colorado	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Illinois	29	807	18	16	680	.....	.....	.....	.....	.....	.....	.....	7	120	.....	.....
Indiana	4	103	4	3	101	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Maine	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Maryland	4	217	2	2	47	.....	.....	.....	.....	.....	.....	.....	.....	170	.....	.....
Massachusetts	15	46	2	2	21	2	2	.....	.....	2	2	7	.....	16	.....	.....
Michigan	5	157	3	2	150	.....	.....	.....	.....	.....	.....	5	.....	2	.....	.....
Minnesota	2	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	8	.....	.....
Missouri	9	146	5	5	137	.....	.....	.....	.....	.....	.....	9	.....	.....	.....	.....
New Hampshire	2	6	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
New Jersey	4	15	1	1	5	.....	.....	.....	.....	.....	.....	.....	4	6	.....	.....
New York	29	750	23	18	606	2	65	2	65	.....	.....	1	17	61	.....	.....
Ohio	10	771	11	9	745	.....	.....	.....	.....	.....	.....	1	.....	25	.....	.....
Pennsylvania	12	71	7	6	26	.....	.....	.....	.....	.....	.....	4	.....	41	.....	.....
Rhode Island	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Texas	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	1	4	.....	.....	.....	1	4	1	4	.....	.....	.....	.....	.....	.....	.....
Virginia	1	60	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....

LUMBER AND OTHER MILL PRODUCTS FROM LOGS OR BOLTS.

The United States	19,372	961,316	22,082	18,148	757,050	7,697	193,977	3,763	112,218	3,934	87,759	378	7	2,028	1,674	202
Alabama	390	17,660	518	438	16,377	75	1,203	27	613	48	590	.....	.....	32	48	.....
Alaska	9	451	9	7	290	3	161	3	161	.....	.....	.....	.....	.....	.....	.....
Arizona	3	330	10	6	330	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas	487	20,236	600	553	19,862	27	248	11	99	16	149	6	.....	120	.....	.....
California	220	18,351	359	230	16,556	64	1,795	19	617	45	1,178	.....	.....	.....	.....	.....
Colorado	109	3,454	115	112	2,786	21	573	12	334	9	239	.....	.....	95	.....	.....
Connecticut	154	5,226	56	56	1,876	151	3,323	95	2,165	56	1,158	.....	.....	.....	12	15
Delaware	41	1,340	47	42	1,260	4	80	4	80	.....	.....	.....	.....	.....	.....	.....
Florida	187	11,707	374	278	11,574	11	133	3	38	8	95	.....	.....	.....	.....	.....
Georgia	426	15,277	588	510	14,516	60	761	25	419	35	342	.....	.....	.....	.....	.....
Idaho	40	1,432	28	25	792	16	640	12	519	4	121	.....	.....	.....	.....	.....
Illinois	333	11,518	418	362	11,219	7	215	6	205	1	10	.....	.....	84	.....	.....
Indian territory	3	85	5	5	85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	1,496	49,240	1,636	1,597	48,142	70	1,058	26	528	44	530	.....	.....	40	.....	.....
Iowa	127	16,664	330	189	16,426	13	218	8	148	5	70	.....	.....	.....	20	.....
Kansas	25	543	24	24	468	2	75	2	75	.....	.....	.....	.....	.....	.....	.....
Kentucky	533	21,114	644	599	20,478	17	433	7	164	10	269	40	.....	163	.....	.....
Louisiana	116	10,450	224	169	10,412	2	38	1	20	1	18	.....	.....	.....	.....	.....
Maine	787	52,729	311	220	14,284	1,263	37,045	444	14,367	819	22,678	.....	.....	115	1,285	.....
Maryland	204	5,978	199	181	5,151	52	827	23	448	29	379	.....	.....	.....	.....	.....
Massachusetts	442	20,177	197	162	7,023	546	13,081	355	9,130	191	3,951	.....	.....	.....	70	3
Michigan	1,671	123,034	3,042	1,949	111,828	298	10,807	208	7,854	90	2,953	125	.....	270	.....	4
Minnesota	500	36,425	742	378	33,882	38	2,503	25	2,053	13	450	40	.....	.....	.....	.....
Mississippi	335	19,546	450	397	18,875	34	500	17	257	17	243	.....	.....	171	.....	.....
Missouri	693	19,440	766	719	19,044	19	357	11	274	8	83	.....	.....	39	.....	.....
Montana	30	1,489	33	27	1,136	10	353	7	283	3	70	.....	.....	.....	.....	.....
Nebraska	31	731	28	27	640	4	91	3	75	1	16	.....	.....	.....	.....	.....
New Hampshire	484	26,649	231	207	9,938	607	16,593	325	9,989	282	6,604	16	.....	47	55	.....
New Jersey	101	3,201	66	54	1,942	71	1,147	50	835	21	312	.....	.....	82	.....	30
New Mexico	25	865	29	27	818	4	47	2	20	2	27	.....	.....	.....	.....	.....
New York	1,552	69,611	991	901	31,767	1,587	37,673	741	20,397	846	17,276	20	.....	74	65	12
North Carolina	592	20,786	666	623	18,483	130	2,202	38	837	92	1,365	.....	.....	44	.....	57
North Dakota	5	588	9	4	563	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
Ohio	1,310	46,641	1,433	1,406	44,757	71	1,416	35	853	36	563	11	7	450	.....	.....
Oklahoma	8	148	8	8	148	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon	289	16,169	322	273	12,417	137	3,710	89	2,783	48	927	6	.....	.....	30	6
Pennsylvania	1,852	76,698	1,950	1,700	62,878	714	13,781	312	7,223	402	6,558	.....	.....	25	14	.....
Rhode Island	27	997	13	13	478	22	519	18	473	4	46	.....	.....	.....	.....	.....
South Carolina	308	8,138	310	297	7,230	61	896	29	510	32	386	.....	.....	12	.....	.....
South Dakota	39	1,272	38	37	1,156	7	116	4	35	3	81	.....	.....	.....	.....	.....
Tennessee	717	22,389	675	643	20,055	161	2,264	40	756	121	1,508	.....	.....	45	25	.....
Texas	260	17,612	464	363	17,380	13	192	8	134	5	58	.....	.....	40	.....	.....
Utah	28	781	23	22	507	14	274	7	165	7	109	.....	.....	.....	.....	.....
Vermont	671	37,485	277	239	12,476	754	24,947	433	14,879	321	10,068	12	.....	.....	50	.....
Virginia	581	16,217	585	541	14,331	162	1,886	67	740	95	1,146	.....	.....	.....	.....	.....
Washington	300	33,609	496	396	30,541	67	3,023	51	2,464	16	559	.....	.....	.....	.....	45
West Virginia	393	13,460	437	412	12,550	54	889	13	312	41	577	.....	.....	.....	.....	30
Wisconsin	621	62,887	1,293	702	50,878	250	11,852	146	7,875	104	3,977	102	.....	55	.....	.....
Wyoming	17	477	17	18	445	4	32	1	12	3	20	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

LUMBER, PLANING MILL PRODUCTS, INCLUDING SASH, DOORS, AND BLINDS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	3,487	178,094	3,735	3,217	160,772	357	11,467	195	6,078	162	5,389	133	149	4,922	573	78
Alabama	45	1,716	47	48	1,631	1	80	.....	.....	1	80	.....	.....	5	.....	.....
Arizona	2	80	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	.....
Arkansas	38	1,568	50	42	1,568	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	115	4,277	101	89	3,600	9	205	.....	.....	9	205	.....	.....	472	.....	.....
Colorado	18	1,264	20	20	1,224	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	.....
Connecticut	47	2,351	43	33	1,807	13	414	6	225	7	189	8	.....	112	.....	10
Delaware	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	12	568	13	12	538	.....	.....	.....	.....	.....	.....	.....	15	15	.....	.....
Florida	15	405	14	15	380	1	25	1	25	.....	.....	.....	.....	.....	.....	.....
Georgia	80	3,410	89	84	3,230	3	155	.....	.....	3	155	.....	.....	25	.....	.....
Idaho	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	202	14,330	265	194	14,170	7	250	4	110	3	140	40	25	345	.....	.....
Indian territory	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	171	6,471	178	170	6,203	3	175	3	175	.....	.....	.....	.....	40	59	.....
Iowa	46	3,391	69	50	3,256	4	135	2	75	2	60	.....	.....	.....	.....	.....
Kansas	34	1,088	35	34	1,088	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	60	3,232	73	65	3,232	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	27	1,466	35	27	1,466	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	65	2,912	42	34	1,623	33	1,133	12	382	21	751	.....	.....	45	111	.....
Maryland	14	445	17	14	445	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	161	8,934	165	110	7,325	14	442	9	310	5	132	28	.....	1,139	.....	.....
Michigan	217	11,718	245	225	10,923	15	610	7	295	8	315	.....	.....	120	65	.....
Minnesota	51	3,374	64	50	3,186	2	58	1	40	1	18	.....	.....	110	20	.....
Mississippi	8	255	8	8	255	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	74	4,630	85	73	4,430	.....	.....	.....	.....	.....	.....	20	.....	180	.....	.....
Montana	7	277	6	6	237	2	40	2	40	.....	.....	.....	.....	.....	.....	.....
Nebraska	21	1,004	20	21	918	3	86	1	26	2	60	.....	.....	.....	.....	.....
New Hampshire	32	1,393	22	19	864	19	465	9	246	10	219	.....	.....	34	30	.....
New Jersey	97	3,489	86	81	3,171	2	48	2	48	.....	.....	.....	.....	270	.....	.....
New Mexico	2	52	2	3	52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	516	35,588	530	437	30,226	106	3,848	53	1,657	53	2,191	.....	80	1,226	192	16
North Carolina	41	1,505	49	47	1,505	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Dakota	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	318	15,645	337	311	15,100	7	236	3	136	4	100	5	19	285	.....	.....
Oregon	40	1,168	28	29	748	9	220	8	208	1	12	.....	.....	145	55	.....
Pennsylvania	452	18,832	500	433	17,676	41	930	26	620	15	310	.....	.....	174	.....	52
Rhode Island	22	796	24	21	781	1	5	1	5	.....	.....	.....	.....	.....	10	.....
South Carolina	23	569	22	23	544	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
South Dakota	5	116	5	5	116	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	70	3,103	76	74	2,992	4	71	2	47	2	24	.....	.....	40	.....	.....
Texas	59	2,251	66	61	2,241	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Utah	15	505	14	13	465	1	20	1	20	.....	.....	20	.....	.....	.....	.....
Vermont	30	2,099	23	12	1,355	24	679	18	509	6	170	.....	.....	25	40	.....
Virginia	59	2,713	55	55	2,176	15	525	13	497	2	28	12	.....	.....	.....	.....
Washington	35	1,241	34	33	1,031	5	210	2	70	3	140	.....	.....	.....	.....	.....
West Virginia	48	1,354	51	47	1,324	1	30	1	30	.....	.....	.....	.....	.....	.....	.....
Wisconsin	86	5,878	119	81	5,496	12	372	8	282	4	90	.....	10	.....	.....	.....
Wyoming	3	41	3	3	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MALT.

The United States	159	6,640	199	201	6,282	12	253	6	222	6	31	45	10	50	.....	.....
California	5	130	6	6	130	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	80	1	1	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	19	1,443	30	29	1,402	1	6	.....	.....	1	6	35	.....	.....	.....	.....
Indiana	2	18	2	2	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	5	127	6	6	127	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	5	130	6	6	130	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	7	199	6	6	189	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Minnesota	2	75	2	3	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	11	217	12	11	217	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	25	2	2	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	59	2,172	66	74	1,875	11	247	6	222	5	25	.....	.....	50	.....	.....
Ohio	18	691	22	21	681	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....
Pennsylvania	10	230	12	13	230	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	14	1,103	26	21	1,103	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

MANTELS, SLATE, MARBLE, AND MARBLEIZED.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	22	838	19	18	555	5	258	1	90	4	168	.....	.....	25	.....	.....
District of Columbia	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	4	210	6	4	210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	6	255	4	4	140	1	90	1	90	.....	.....	.....	.....	25	.....	.....
Ohio	5	100	5	5	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	3	45	3	3	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	4	213	1	1	45	4	168	.....	.....	4	168	.....	.....	.....	.....	.....

MARBLE AND STONE WORK.

The United States	376	17,347	430	417	14,455	28	2,412	22	2,223	6	189	10	14	418	13	25
Alabama	1	45	1	1	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	9	259	8	8	242	.....	.....	.....	.....	.....	.....	.....	.....	17	.....	.....
Colorado	2	28	2	2	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	5	80	8	8	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	2	44	3	2	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	1	100	3	3	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	5	219	4	4	215	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Illinois	24	1,336	30	29	1,311	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
Indiana	8	195	9	8	195	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	3	48	1	1	25	1	13	1	13	.....	.....	10	.....	.....	.....	.....
Kansas	6	193	8	8	193	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	7	295	7	7	295	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	8	350	12	12	331	.....	.....	.....	.....	.....	.....	.....	.....	6	3	10
Maryland	1	250	8	8	256	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	35	1,612	50	48	1,546	.....	.....	.....	.....	.....	.....	.....	.....	66	.....	.....
Michigan	11	359	12	14	329	.....	.....	.....	.....	.....	.....	.....	.....	30	.....	.....
Minnesota	11	452	19	19	452	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	17	579	21	20	579	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	3	50	3	3	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	12	431	11	11	428	1	3	.....	.....	1	3	.....	.....	.....	.....	.....
New York	78	3,627	76	72	3,357	4	70	3	60	1	10	.....	.....	200	.....	.....
Ohio	32	1,087	36	38	1,067	1	10	.....	.....	1	10	.....	10	.....	.....	.....
Pennsylvania	37	1,408	43	42	1,164	6	225	6	225	.....	.....	.....	.....	19	.....	.....
Rhode Island	3	33	3	3	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	10	686	12	13	686	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	3	120	3	3	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	30	3,043	24	19	874	15	2,091	12	1,925	3	166	.....	.....	53	10	15
Virginia	6	133	5	4	131	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Wisconsin	5	250	6	6	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MASONRY, BRICK AND STONE.

The United States	268	10,176	543	533	9,993	2	12	1	10	1	2	.....	10	106	55	.....
Alabama	2	13	2	2	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	3	36	3	3	26	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Colorado	4	186	9	10	186	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	12	494	20	25	480	.....	.....	.....	.....	.....	.....	.....	.....	14	.....	.....
District of Columbia	1	25	2	2	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	12	971	42	42	961	1	10	1	10	.....	.....	.....	.....	.....	.....	.....
Indiana	4	29	4	4	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	4	40	6	6	32	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....
Kentucky	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	2	31	3	4	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	34	1,068	60	70	1,009	.....	.....	.....	.....	.....	.....	.....	.....	59	.....	.....
Michigan	10	118	12	12	118	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	18	684	62	62	684	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mississippi	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	16	393	30	28	393	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	2	70	3	2	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	9	239	12	12	239	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	42	3,157	88	79	3,090	1	2	.....	.....	1	2	.....	10	.....	55	.....
Ohio	30	849	42	45	834	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Oregon	10	102	11	11	102	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	38	1,399	99	94	1,399	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	1	40	4	4	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	1	5	2	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	2	23	2	2	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	5	156	7	7	156	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

MATCHES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	22	1,085	27	29	935	3	80	1	40	2	40	.....	.....	20	.....	.....
California	2	50	2	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	100	3	3	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	3	172	3	3	132	2	40	.....	.....	2	40	.....	.....	.....	.....	.....
Massachusetts	1	60	1	1	20	1	40	1	40	.....	.....	.....	.....	.....	.....	.....
Michigan	1	160	2	2	160	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	150	2	3	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	2	45	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....
New York	2	50	2	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	1	40	2	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	7	108	7	7	108	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	150	2	4	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MATS AND MATTING.

The United States	13	385	12	11	352	2	30	.....	.....	2	30	.....	.....	3	.....	.....
Connecticut	2	30	.....	.....	.....	2	30	.....	.....	2	30	.....	.....	.....	.....	.....
Illinois	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Massachusetts	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	7	323	9	8	323	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MATTRESSES AND SPRING BEDS.

The United States	164	4,352	128	120	3,865	14	265	8	193	6	72	38	33	122	27	2
Alabama	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	1	65	1	1	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	2	160	2	2	160	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	6	115	5	5	113	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Delaware	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
District of Columbia	2	30	3	3	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	2	200	3	3	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	11	663	10	7	641	2	4	2	4	.....	.....	.....	.....	18	.....	.....
Indiana	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	4	122	4	3	120	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Kansas	4	71	2	2	45	1	25	.....	.....	1	25	.....	.....	1	.....	.....
Louisiana	2	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Maine	1	15	.....	.....	.....	2	15	.....	.....	2	15	.....	.....	.....	.....	.....
Maryland	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	21	504	6	6	375	2	62	2	62	.....	.....	13	.....	49	5	.....
Michigan	6	91	5	5	83	.....	.....	.....	.....	.....	.....	4	4	.....	.....	.....
Minnesota	2	87	1	1	85	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Missouri	9	487	12	11	487	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	2	46	.....	.....	.....	1	40	1	40	.....	.....	.....	.....	6	.....	.....
New Jersey	5	59	3	3	50	.....	.....	.....	.....	.....	.....	.....	4	5	.....	.....
New York	26	573	20	20	462	4	97	3	87	1	10	1	7	4	.....	2
North Carolina	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	9	49	6	6	39	.....	.....	.....	.....	.....	.....	2	8	.....	.....	.....
Oregon	2	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	22	.....
Pennsylvania	17	326	17	16	321	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
South Carolina	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....
Tennessee	5	38	5	5	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	4	47	4	4	45	1	2	.....	.....	1	2	.....	.....	.....	.....	.....
Vermont	1	20	.....	.....	.....	1	20	.....	.....	1	20	.....	.....	.....	.....	.....
Virginia	3	45	3	3	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	9	377	10	8	357	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

MILLINERY AND LACE GOODS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	84	1,727	63	45	1,293							57	71	302		4
California	3	9	1	1	2							7				
Connecticut	3	77	3	2	75									2		
Illinois	5	37	5	1	15							3		19		
Indiana	1	30	1	1	30											
Massachusetts	15	813	23	14	768							37		8		
New Jersey	4	56	4	3	55									1		
New York	40	649	19	16	308							2	67	268		4
Ohio	2	13	2	2	13											
Pennsylvania	11	43	5	5	27							8	4	4		

MILLINERY, CUSTOM WORK.

The United States	3	5	1	1	3							2				
Connecticut	1	3	1	1	3											
Massachusetts	1	1										1				
New York	1	1										1				

MINERAL AND SODA WATERS.

The United States	353	3,016	309	302	2,400	16	259	4	231	12	28	13	171	71	2	100
Alabama	4	43	5	4	43											
Arkansas	1	4	1	1	4											
California	9	55	5	5	39	2	2			2	2	1	10	3		
Colorado	5	62	5	5	62											
Connecticut	7	92	3	3	19								71	2		
District of Columbia	2	18	3	3	18											
Florida	2	10	2	2	10											
Georgia	2	11	2	2	11											
Illinois	30	256	28	27	231	1	5	1	5			2	12	6		
Indiana	10	65	10	10	65											
Iowa	13	93	13	13	93											
Kansas	5	23	5	5	23											
Kentucky	4	27	3	3	22								5			
Louisiana	6	29	6	5	26							3				
Maine	2	18	2	2	18											
Maryland	3	23	3	3	23											
Massachusetts	28	505	24	24	341	2	154	1	150	1	4		8	1		1
Michigan	8	40	7	8	36								4			
Minnesota	5	27	4	4	23								4			
Mississippi	1	7	1	1	7											
Missouri	28	158	27	28	157									1		
Nebraska	5	15	3	3	13	1	1			1	1			1		
New Hampshire	2	13	2	2	13											
New Jersey	15	115	13	14	109	1	4			1	4			2		
New Mexico	1	1				1	1			1	1					
New York	72	641	65	55	467	4	83	2	76	2	7	1	38	40	2	10
North Carolina	2	7	1	1	5								2			
North Dakota	1	20	1	1	20											
Ohio	17	153	15	15	137								7	9		
Oregon	1	5	1	1	5											
Pennsylvania	24	146	19	22	127	4	9			4	9	3	7			
Rhode Island	6	24	4	4	18											6
South Carolina	1	4	1	1	4											
Tennessee	2	16	2	2	16											
Texas	6	46	4	4	40							3				3
Utah	1	8	1	1	8											
Vermont	2	14	1	1	8									6		
Virginia	5	20	5	5	29											
Washington	5	23	3	3	20								3			
West Virginia	1	80														80
Wisconsin	8	82	8	8	82											
Wyoming	1	8	1	1	8											

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

MIRRORS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	25	657	16	13	543	.....	.....	.....	.....	.....	.....	4	1	109	.....	.....
Illinois	6	131	4	4	120	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....
Kentucky	1	40	2	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Michigan	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
New York	13	401	8	6	313	.....	.....	.....	.....	.....	.....	.....	1	87	.....	.....
Pennsylvania	2	25	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....

MODELS AND PATTERNS.

The United States	244	1,969	59	55	1,016	9	222	3	109	6	113	90	18	605	18	.....
California	8	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24	.....	.....
Colorado	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Connecticut	5	94	3	2	81	.....	.....	.....	.....	.....	.....	.....	.....	13	.....	.....
District of Columbia	6	78	2	1	60	.....	.....	.....	.....	.....	.....	.....	8	10	.....	.....
Illinois	22	89	1	1	5	2	20	1	5	1	15	.....	7	51	6	.....
Indiana	3	13	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....
Iowa	2	10	1	1	8	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Kentucky	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	5	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....
Maryland	5	41	2	2	32	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....
Massachusetts	42	167	3	3	67	.....	.....	.....	.....	.....	.....	17	.....	72	11	.....
Michigan	4	75	2	2	72	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....
Minnesota	3	11	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....
Missouri	5	20	1	1	6	.....	.....	.....	.....	.....	.....	2	.....	12	.....	.....
Nebraska	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	2	13	.....	.....	.....	1	3	.....	.....	1	3	.....	.....	10	.....	.....
New Jersey	16	284	10	8	263	.....	.....	.....	.....	.....	.....	.....	.....	21	.....	.....
New York	44	470	10	10	126	5	179	1	84	4	95	.....	1	164	.....	.....
Ohio	28	229	6	6	92	.....	.....	.....	.....	.....	.....	68	.....	69	.....	.....
Pennsylvania	26	198	5	5	97	.....	.....	.....	.....	.....	.....	.....	.....	101	.....	.....
Rhode Island	5	22	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....
Texas	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	3	5	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....
Wisconsin	5	74	5	5	54	1	20	1	20	.....	.....	.....	.....	.....	.....	.....

MONUMENTS AND TOMBSTONES.

The United States	190	3,599	164	162	3,115	17	314	9	261	8	53	10	14	121	20	5
California	1	55	2	3	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	14	128	13	13	118	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
District of Columbia	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	8	335	9	7	285	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....
Indiana	2	23	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....
Iowa	2	44	2	2	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	13	174	9	8	123	2	25	1	15	1	10	.....	.....	16	10	.....
Maryland	2	47	2	2	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	18	643	17	20	635	1	4	.....	.....	1	4	.....	.....	4	.....	.....
Michigan	5	54	4	4	46	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	.....
Minnesota	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	5	75	3	3	65	1	8	.....	.....	1	8	.....	.....	.....	2	.....
New Jersey	7	71	7	7	71	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	47	843	44	42	775	3	50	2	40	1	10	10	.....	8	.....	.....
North Carolina	2	12	2	2	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	15	189	12	12	140	1	35	1	35	.....	.....	.....	14	.....	.....	.....
Pennsylvania	17	151	14	14	132	2	9	1	4	1	5	.....	.....	10	.....	.....
Rhode Island	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	21	403	11	11	203	6	180	4	167	2	13	.....	.....	15	.....	5
Virginia	1	3	.....	.....	.....	1	3	.....	.....	1	3	.....	.....	.....	.....	.....
Wisconsin	4	270	6	5	270	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

MUCILAGE AND PASTE.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	34	887	28	25	800	2	35	2	35	.....	.....	.....	.....	52	.....	.....
Connecticut	2	6	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Illinois	2	35	2	2	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	10	616	11	10	569	2	35	2	35	.....	.....	.....	.....	12	.....	.....
Minnesota	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	3	32	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	17	.....	.....
New Jersey	2	25	2	2	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	4	106	4	4	106	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	3	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....
Pennsylvania	6	39	5	3	28	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....

MUSICAL INSTRUMENTS AND MATERIALS, NOT SPECIFIED.

The United States	48	696	22	21	510	2	38	1	30	1	8	9	11	125	.....	3
Illinois	5	189	5	4	185	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Indiana	1	70	1	1	40	1	30	1	30	.....	.....	.....	.....	.....	.....	.....
Massachusetts	12	128	3	3	90	1	8	.....	.....	1	8	8	.....	22	.....	.....
Michigan	1	66	2	2	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	2	5	1	1	1	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
New Jersey	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	13	137	4	4	57	.....	.....	.....	.....	.....	.....	.....	4	73	.....	3
Ohio	2	10	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Pennsylvania	11	85	4	4	59	.....	.....	.....	.....	.....	.....	1	3	22	.....	.....

MUSICAL INSTRUMENTS, ORGANS AND MATERIALS.

The United States	78	3,835	85	64	3,426	4	110	4	110	.....	.....	4	67	226	2	.....
Connecticut	5	230	5	5	146	1	50	1	50	.....	.....	4	.....	30	.....	.....
Illinois	13	1,166	23	13	1,148	.....	.....	.....	.....	.....	.....	.....	.....	18	.....	.....
Indiana	4	131	4	5	131	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	40	2	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	2	27	2	2	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	19	775	12	8	645	.....	.....	.....	.....	.....	.....	.....	10	118	2	.....
Michigan	4	429	6	6	429	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	1	75	2	3	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	40	.....	.....	.....	2	40	2	40	.....	.....	.....	.....	.....	.....	.....
New Jersey	4	120	4	4	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	7	169	3	3	75	1	20	1	20	.....	.....	.....	24	50	.....	.....
Ohio	2	130	3	2	130	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	8	195	6	6	162	.....	.....	.....	.....	.....	.....	.....	33	.....	.....	.....
Rhode Island	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Vermont	3	251	10	3	251	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MUSICAL INSTRUMENTS, PIANOS AND MATERIALS.

The United States	125	7,232	145	101	5,738	23	827	14	565	9	262	26	.....	639	.....	2
California	1	3	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	4	558	10	5	440	4	118	2	50	2	68	.....	.....	.....	.....	.....
Georgia	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	5	316	4	3	290	.....	.....	.....	.....	.....	.....	.....	.....	26	.....	.....
Indiana	2	115	1	1	40	1	75	.....	.....	1	75	.....	.....	.....	.....	.....
Maryland	2	400	8	5	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	43	1,987	40	27	1,395	10	314	8	265	2	49	26	.....	250	.....	2
Michigan	1	75	1	1	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	3	130	2	2	70	2	60	2	60	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	54	3,160	69	49	2,657	3	200	1	150	2	50	.....	.....	303	.....	.....
Ohio	2	135	3	2	135	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	3	210	3	2	150	.....	.....	.....	.....	.....	.....	.....	.....	60	.....	.....
Vermont	2	60	.....	.....	.....	3	60	1	40	2	20	.....	.....	.....	.....	.....
Wisconsin	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

NEEDLES AND PINS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	45	952	25	24	629	11	244	9	225	2	19	.....	1	47	31	.....
Connecticut	13	378	8	7	141	8	195	7	190	1	5	.....	1	17	24	.....
Massachusetts	11	135	5	5	120	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Michigan	1	100	1	1	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	5	109	2	2	60	2	47	1	33	1	14	.....	.....	.....	2	.....
New Jersey	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	5	39	2	2	28	.....	.....	.....	.....	.....	.....	.....	.....	6	1	.....
Ohio	2	120	2	2	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	6	46	4	4	40	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Vermont	1	5	.....	.....	.....	1	2	1	2	.....	.....	.....	.....	3	.....	.....

NETS AND SEINES.

The United States	14	267	11	9	234	1	6	.....	.....	1	6	3	.....	24	.....	.....
Illinois	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Maine	2	10	2	2	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	16	1	1	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	7	210	7	5	201	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....
New York	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Rhode Island	1	6	.....	.....	.....	1	6	.....	.....	1	6	.....	.....	.....	.....	.....
Virginia	1	7	1	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

OAKUM.

The United States	7	290	8	7	225	3	65	2	35	1	30	.....	.....	.....	.....	.....
California	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	2	65	1	1	25	2	40	1	10	1	30	.....	.....	.....	.....	.....
Maine	1	25	.....	.....	.....	1	25	1	25	.....	.....	.....	.....	.....	.....	.....
Maryland	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	2	130	5	4	130	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

OIL, CASTOR.

The United States	7	297	5	4	255	.....	.....	.....	.....	.....	.....	.....	7	35	.....	.....
Illinois	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	3	60	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	150	2	1	150	.....	.....	.....	.....	.....	.....	.....	.....	35	.....	.....
New York	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Texas	1	55	1	1	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

OIL, COTTONSEED AND CAKE.

The United States	114	25,826	302	226	25,548	2	118	2	118	.....	.....	70	20	70	.....	.....
Alabama	9	1,815	23	17	1,815	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas	8	2,431	42	19	2,416	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....
Florida	1	200	3	3	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	17	3,853	39	35	3,753	1	100	1	100	.....	.....	.....	.....	.....	.....	.....
Kentucky	2	135	4	2	135	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	7	1,427	20	19	1,392	.....	.....	.....	.....	.....	.....	15	20	.....	.....	.....
Mississippi	11	1,516	27	19	1,516	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	2	135	1	1	65	.....	.....	.....	.....	.....	.....	.....	.....	70	.....	.....
North Carolina	10	1,165	22	16	1,165	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	1	125	4	1	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	1	70	4	2	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	17	1,698	23	28	1,680	1	18	1	18	.....	.....	.....	.....	.....	.....	.....
Tennessee	15	6,918	48	32	6,896	.....	.....	.....	.....	.....	.....	22	.....	.....	.....	.....
Texas	13	4,338	42	32	4,320	.....	.....	.....	.....	.....	.....	18	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

OIL, ESSENTIAL.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	29	465	27	24	375	5	87	3	60	2	27	.....	.....	3	.....	.....
Connecticut	2	28	2	1	8	1	20	1	20	.....	.....	.....	.....	.....	.....	.....
Michigan	3	24	3	3	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	5	124	4	4	121	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Ohio	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	4	33	2	2	10	2	23	1	20	1	3	.....	.....	.....	.....	.....
Vermont	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	13	219	14	12	175	2	44	1	20	1	24	.....	.....	.....	.....	.....

OIL, ILLUMINATING, NOT INCLUDING PETROLEUM, REFINING.

The United States	4	102	5	4	97	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
California	1	45	1	1	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	1	2	2	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Oregon	1	50	2	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

OIL, LARD.

The United States	6	277	8	10	277	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	30	2	2	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	2	210	3	5	210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	2	25	2	2	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

OIL, LINSEED.

The United States	61	7,101	116	79	6,670	12	406	7	310	5	96	.....	.....	25	.....	.....
California	2	175	5	2	175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	7	760	13	7	760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	3	270	5	3	245	1	25	1	25	.....	.....	.....	.....	.....	.....	.....
Iowa	7	700	12	8	690	1	10	1	10	.....	.....	.....	.....	.....	.....	.....
Kansas	2	175	3	2	175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	3	345	5	3	345	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	5	068	12	7	943	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
Nebraska	1	180	3	1	180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	100	2	1	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	7	1,430	27	21	1,205	3	225	3	225	.....	.....	.....	.....	.....	.....	.....
Ohio	14	1,050	17	12	920	5	130	2	50	3	80	.....	.....	.....	.....	.....
Pennsylvania	5	441	7	7	425	2	16	.....	.....	2	16	.....	.....	.....	.....	.....
South Dakota	1	75	1	1	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	3	432	4	4	432	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

OIL, LUBRICATING.

The United States	55	1,696	58	62	1,483	.....	.....	.....	.....	.....	.....	5	48	160	.....	.....
California	2	19	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Colorado	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....
Illinois	2	75	2	2	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	3	80	3	3	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	5	235	6	6	235	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	3	66	2	2	56	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Nevada	1	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48	.....	.....	.....
New Jersey	1	50	4	3	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	9	91	7	7	66	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
North Carolina	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	9	310	11	10	305	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Pennsylvania	12	552	15	21	492	.....	.....	.....	.....	.....	.....	.....	.....	60	.....	.....
Rhode Island	3	41	3	3	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	2	55	2	2	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

OIL, RESIN.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	5	131	4	4	121	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Georgia	1	75	1	1	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	2	30	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Ohio	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

OILCLOTH, ENAMELED.

The United States	9	710	22	21	710	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	1	60	4	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	6	565	13	17	565	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	2	85	5	3	85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

OILCLOTH, FLOOR.

The United States	17	1,959	51	64	1,944	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....
Maine	2	120	4	5	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	2	16	2	2	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	6	816	16	17	816	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	6	677	18	30	662	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....
Pennsylvania	1	330	11	10	330	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

OLEOMARGARINE.

The United States	11	454	13	10	444	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Colorado	1	18	1	1	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	4	277	7	4	277	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	2	30	2	2	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	3	119	2	2	109	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....

OPTICAL GOODS.

The United States	50	845	16	13	443	5	300	4	290	1	10	41	14	47	.....	.....
Colorado	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Illinois	4	43	2	1	35	.....	.....	.....	.....	.....	.....	3	.....	5	.....	.....
Kansas	1	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Maryland	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Massachusetts	11	387	2	2	70	5	300	4	290	1	10	2	.....	15	.....	.....
Michigan	2	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....
Minnesota	2	11	1	1	10	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
New Jersey	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	4	247	5	3	238	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....
Ohio	5	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....	.....	.....
Pennsylvania	16	94	4	4	49	.....	.....	.....	.....	.....	.....	14	14	17	.....	.....
Virginia	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....

ORDNANCE AND ORDNANCE STORES.

The United States	4	1,560	17	18	1,343	2	200	2	200	.....	.....	.....	.....	17	.....	.....
Connecticut	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
District of Columbia	1	1,243	15	17	1,243	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	1	300	2	1	100	2	200	2	200	.....	.....	.....	.....	.....	.....	.....
Rhode Island	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....

OYSTERS, CANNING AND PRESERVING.

The United States	12	838	20	19	836	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Florida	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Maryland	7	600	13	15	600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mississippi	3	220	6	3	220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	16	1	1	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PAINTING AND PAPER HANGING.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	24	251	14	14	200							11	15	20		5
California	1	20	1	1	20											
Illinois	3	102	3	3	102											
Kentucky	1	12											12			
Maryland	1	15	1	1	15											
Massachusetts	2	11										10	1			
Minnesota	1	2											2			
Nebraska	1	2	1	1	2											
New Hampshire	1	4	1	1	4											
New York	6	54	4	4	41									13		
Ohio	1	6	1	1	6											
Pennsylvania	4	16	1	1	4									7		5
Texas	2	7	1	1	6							1				

PAINTS.

The United States	339	22,734	464	354	20,362	40	1,593	27	1,257	13	336	38	77	606	50	8
Arkansas	1	15	1	1	15											
California	5	224	9	5	224											
Colorado	4	322	4	4	322											
Connecticut	2	205	4	3	205											
Delaware	1	40	1	1	40											
Georgia	3	75	3	3	75											
Illinois	31	1,832	34	26	1,717								15	100		
Indiana	4	105	4	4	105											
Iowa	3	86	4	3	86											
Kansas	1	30	1	2	30											
Kentucky	3	232	4	4	232											
Louisiana	1	40	1	1	40											
Maine	2	65	2	2	65											
Maryland	9	315	8	8	269	1	30			1	30	6		10		
Massachusetts	24	982	29	21	830	2	60	2	60					84		8
Michigan	7	418	8	5	400							10		8		
Minnesota	4	105	1	1	30									75		
Missouri	20	1,965	38	27	1,965											
Nebraska	4	290	8	4	290											
New Jersey	15	1,126	22	17	989	5	137	3	77	2	60					
New York	62	4,772	90	53	4,258	4	240	4	240				7	217	50	
North Carolina	1	250				2	250	2	250							
Ohio	36	2,331	42	32	2,169	1	40			1	40	2	55	65		
Oregon	1	60	1	1	60											
Pennsylvania	69	5,973	121	105	5,262	20	651	12	520	8	131	20		40		
Rhode Island	4	87	3	3	80									7		
Tennessee	3	240	3	3	240											
Texas	2	19	2	2	19											
Vermont	4	133	1	1	28	3	105	2	30	1	75					
Virginia	3	106	4	2	26	2	80	2	80							
Washington	1	15	1	1	15											
Wisconsin	9	276	10	9	276											

PAPER.

The United States	555	242,176	1,525	1,074	90,159	1,739	150,418	1,336	113,952	403	36,466	164		260	1,175	
California	5	927	15	14	862	2	65	2	65							
Connecticut	42	11,120	90	66	4,441	102	5,759	86	4,857	16	902	10		10	900	
Delaware	2	2,677	42	17	2,000	8	677	2	70	6	607					
Georgia	3	875	4	6	180	9	695	9	695							
Illinois	20	6,254	52	32	2,900	60	3,349	52	3,124	8	225	5				
Indiana	21	5,873	68	45	4,195	32	1,678	28	1,515	4	163					
Iowa	7	1,425	22	15	1,095	11	330	9	280	2	50					
Kansas	1	210	5	2	180	1	30			1	30					
Kentucky	1	1,000	8	7	1,000											
Maine	6	7,382	30	17	812	86	6,570	54	4,670	32	1,900					
Maryland	16	4,636	34	27	1,679	29	2,957	5	162	24	2,795					
Massachusetts	81	44,386	291	190	15,213	290	29,148	250	26,183	40	2,965	25				
Michigan	21	8,831	58	38	3,672	63	5,159	47	4,169	16	990					
Minnesota	2	150				2	100	2	100						50	
Missouri	1	100	2	2	100											
Nebraska	3	435	3	2	175	4	260	4	260							
New Hampshire	12	3,605	14	11	690	33	2,915	25	2,440	8	475					
New Jersey	21	4,048	46	42	2,530	27	1,518	23	1,348	4	170					
New York	127	58,735	183	160	10,645	543	42,022	404	40,021	139	8,001	68				
North Carolina	1	600				12	600	12	600							

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PAPER—Continued.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
Ohio	48	20,911	245	161	15,879	57	4,547	50	4,200	7	347	10	.....	250	225	.....
Oregon	2	1,450	4	3	260	6	1,190	6	1,190	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	72	21,972	263	187	18,995	80	2,956	62	2,405	18	551	21	.....	.....	.....	.....
Rhode Island	2	160	2	2	160	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	1	300	2	1	50	2	250	2	250	.....	.....	.....	.....	.....	.....	.....
Vermont	13	17,998	5	3	126	99	17,872	22	1,737	77	16,135	.....	.....	.....	.....	.....
Virginia	4	1,001	4	5	320	4	681	3	521	1	160	.....	.....	.....	.....	.....
West Virginia	2	165	7	6	150	1	15	1	15	.....	.....	.....	.....	.....	.....	.....
Wisconsin	18	14,950	26	13	1,850	176	13,075	176	13,075	.....	.....	25	.....	.....	.....	.....
PAPER GOODS, NOT ELSEWHERE SPECIFIED.																
The United States	50	2,320	45	31	2,021	2	32	1	30	1	2	4	14	199	50	.....
Connecticut	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Indiana	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	46	1	2	16	1	30	1	30	.....	.....	.....	.....	.....	.....	.....
Massachusetts	14	473	9	4	382	1	2	.....	.....	1	2	.....	.....	39	50	.....
Michigan	2	102	2	1	100	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
New Hampshire	1	250	3	1	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	3	155	3	2	130	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
New York	13	1,204	19	13	1,071	.....	.....	.....	.....	.....	.....	1	10	122	.....	.....
Ohio	2	5	1	1	4	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Pennsylvania	7	52	5	5	47	.....	.....	.....	.....	.....	.....	2	.....	3	.....	.....
Rhode Island	3	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....
Vermont	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
PAPER HANGINGS.																
The United States	27	2,473	60	28	2,404	1	30	1	30	.....	.....	.....	.....	39	.....	.....
Maryland	1	200	3	2	170	1	30	1	30	.....	.....	.....	.....	.....	.....	.....
Massachusetts	2	21	3	2	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	15	1,709	37	18	1,693	.....	.....	.....	.....	.....	.....	.....	.....	16	.....	.....
Pennsylvania	8	533	17	6	520	.....	.....	.....	.....	.....	.....	.....	.....	13	.....	.....
Wisconsin	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
PATENT MEDICINES AND COMPOUNDS.																
The United States	154	2,973	134	116	2,605	7	115	2	74	5	41	45	101	101	6	.....
California	4	111	3	3	74	.....	.....	.....	.....	.....	.....	.....	35	2	.....	.....
Connecticut	3	84	2	2	80	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
Georgia	1	36	2	2	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	9	91	9	5	71	.....	.....	.....	.....	.....	.....	1	10	9	.....	.....
Indiana	4	39	3	3	35	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Iowa	3	16	1	1	1	1	10	.....	.....	1	10	5	.....	.....	.....	.....
Kansas	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	2	16	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Louisiana	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Maryland	6	139	8	6	135	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Massachusetts	16	686	19	12	610	2	72	1	70	1	2	2	.....	2	.....	.....
Michigan	7	119	7	8	118	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Minnesota	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Missouri	10	71	3	3	50	.....	.....	.....	.....	.....	.....	7	2	12	.....	.....
Nebraska	1	3	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	3	75	3	3	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	40	910	38	36	841	2	23	.....	.....	2	23	.....	30	19	6	.....
Ohio	8	100	6	5	88	.....	.....	.....	.....	.....	.....	12	.....	.....	.....	.....
Pennsylvania	20	260	15	14	201	1	4	1	4	.....	.....	1	11	43	.....	.....
Rhode Island	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	.....	.....	.....
Tennessee	3	80	3	3	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	4	74	6	4	74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
West Virginia	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	6	.....	.....	.....	1	6	.....	.....	1	6	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PAVING AND PAVING MATERIALS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	137	8,084	278	283	8,084											
California	8	228	22	20	228											
Colorado	1	135	3	4	135											
Connecticut	2	97	7	6	97											
District of Columbia	3	275	9	7	275											
Georgia	3	45	5	4	45											
Illinois	11	1,218	39	26	1,218											
Indiana	2	170	4	5	170											
Iowa	1	50	1	1	50											
Kansas	4	420	10	13	420											
Kentucky	2	139	4	5	139											
Louisiana	1	135	3	4	135											
Maryland	1	25	1	1	25											
Massachusetts	3	200	5	7	200											
Michigan	6	144	7	7	144											
Minnesota	8	169	12	12	169											
Missouri	4	360	8	10	360											
Nebraska	2	185	4	5	185											
New Jersey	2	150	4	5	150											
New York	27	1,520	52	60	1,520											
North Carolina	1	45	2	2	45											
Ohio	16	395	17	17	395											
Oregon	3	61	3	3	61											
Pennsylvania	15	1,403	39	43	1,403											
Tennessee	2	55	3	3	55											
Texas	4	255	8	8	255											
Wisconsin	5	205	6	5	205											

PENCIL CASES.

The United States	5	20											7	13		
New Jersey	2	3												3		
New York	3	17											7	10		

PENCILS, LEAD.

The United States	5	713	14	6	710									3		
New Jersey	1	300	6	3	300											
New York	3	410	8	3	410											
Rhode Island	1	3												3		

PENS, FOUNTAIN AND STYLOGRAPHIC.

The United States	9	160	-	1	3								4	153		
Connecticut	1	140												140		
Illinois	1	2												2		
Massachusetts	2	3												3		
New York	4	12											4	8		
Rhode Island	1	3	1	1	3											

PENS, GOLD.

The United States	10	61	1	1	30							3	7	21		
New York	9	31										3	7	21		
Ohio	1	30	1	1	30											

PENS, STEEL.

The United States	3	100	3	2	80								10	10		
Connecticut	1	10												10		
New Jersey	1	80	3	2	80											
Pennsylvania	1	10											10			

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PERFUMERY AND COSMETICS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	39	486	17	18	367							26	17	76		
Connecticut	1	10											10			
Georgia	1	25	1	1	25											
Illinois	4	29	1	1	20								2	7		
Indiana	1	4											4			
Louisiana	1	10	1	1	10											
Maryland	1	12	1	1	12											
Massachusetts	4	9										7		2		
Michigan	4	29	2	2	27							2				
Missouri	1	1										1				
New Jersey	1	40	1	1	40											
New York	13	172	4	5	90							16		66		
Ohio	1	37	2	2	37											
Pennsylvania	6	108	4	4	106								1	1		

PETROLEUM, REFINING.

The United States	83	32,536	612	521	32,536											
California	2	210	7	11	210											
Colorado	2	635	12	6	635											
Maryland	2	573	7	2	573											
Massachusetts	1	200	2	1	200											
New Jersey	4	11,036	99	220	11,036											
New York	6	4,007	62	35	4,007											
Ohio	13	6,442	89	63	6,442											
Pennsylvania	49	8,448	216	173	8,448											
West Virginia	4	985	18	10	985											

PHONOGRAPHS AND GRAPHOPHONES.

The United States	1	25	2	1	25											
Connecticut	1	25	2	1	25											

PHOTOGRAPHIC APPARATUS.

The United States	19	214	8	7	105	1	6			1	6	9	6	63	25	
Connecticut	1	25	1	1	25											
District of Columbia	1	2											2			
Illinois	2	16	2	2	16											
Massachusetts	1	15												15		
Michigan	3	27	2	2	26									1		
New Jersey	2	14	1	1	8									6		
New York	9	115	2	1	30	1	6			1	6	9	4	41	25	

PHOTOGRAPHIC MATERIALS.

The United States	22	307	17	19	272	2	3			2	3	7	10	15		
Illinois	1	2				1	2			1	2					
Indiana	1	10	1	1	10											
Maine	2	16	1	1	15	1	1			1	1					
Massachusetts	8	63	5	6	46							5		12		
Missouri	2	95	6	6	95											
New Jersey	1	12	1	1	12											
New York	5	82	3	3	70							2	10			
Pennsylvania	2	27	1	2	24									3		

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PHOTOGRAPHY.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	14	94	5	5	53	1	5	.....	.....	1	5	28	8	.....	.....	.....
California	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Illinois	2	30	2	2	27	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Louisiana	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Massachusetts	3	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	.....	.....	.....	.....
New Hampshire	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	4	16	1	1	6	1	5	.....	.....	1	5	1	4	.....	.....	.....
Ohio	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Pennsylvania	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

PHOTOLITHOGRAPHING AND ENGRAVING.

The United States	36	204	3	4	80	2	11	2	11	.....	.....	51	18	44	.....	.....
Connecticut	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	3	26	1	1	20	.....	.....	.....	.....	.....	.....	3	.....	3	.....	.....
Maine	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Maryland	2	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	5	.....	.....
Massachusetts	3	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	2	.....	.....
Michigan	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Minnesota	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Missouri	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
New York	10	98	1	2	40	2	11	2	11	.....	.....	7	14	26	.....	.....
Ohio	4	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	5	.....	.....
Pennsylvania	6	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	4	3	.....	.....
Rhode Island	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Wisconsin	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....

PICKLES, PRESERVES, AND SAUCES.

The United States	137	3,467	144	128	3,092	4	70	3	60	1	10	7	.....	263	35	.....
Alabama	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	7	62	5	5	45	.....	.....	.....	.....	.....	.....	.....	.....	17	.....	.....
Colorado	2	75	2	2	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	16	296	12	12	244	.....	.....	.....	.....	.....	.....	.....	.....	52	.....	.....
Indiana	2	33	2	2	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	7	123	10	8	123	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	3	30	2	2	26	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
Louisiana	2	81	3	2	81	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	3	47	2	2	42	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Massachusetts	8	150	8	6	141	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....
Michigan	11	272	12	12	272	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	3	44	3	3	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	6	141	7	7	138	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Nebraska	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	6	161	9	6	161	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	17	541	13	13	377	.....	.....	.....	.....	.....	.....	.....	.....	164	.....	.....
Ohio	8	157	10	8	157	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	13	752	24	19	752	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	2	30	2	2	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	7	136	1	1	15	4	70	3	60	1	10	.....	.....	16	35	.....
Virginia	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	2	150	4	4	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	5	108	6	5	108	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PIPES, TOBACCO.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	29	886	17	15	694	3	148	2	140	1	8	.....	.....	42	.....	2
Colorado	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	2	10	.....	.....	.....	1	8	.....	.....	1	8	.....	.....	2	.....	.....
Kansas	2	88	1	1	8	1	80	1	80	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	4	67	3	3	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
New York	14	552	6	5	462	1	60	1	60	.....	.....	.....	.....	30	.....	.....
Pennsylvania	4	113	4	3	103	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Virginia	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

PLASTERING AND STUCCOWORK.

The United States	20	766	20	19	681	1	75	1	75	.....	.....	.....	.....	10	.....	.....
California	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	1	80	2	1	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	1	60	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	1	70	1	1	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	3	70	3	3	60	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
New Jersey	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	3	185	3	3	185	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	2	27	2	2	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	75	.....	.....	.....	1	75	1	75	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	60	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

PLATED AND BRITANNIA WARE.

The United States	66	3,021	66	43	2,668	17	846	15	781	2	65	11	.....	396	.....	.....
Connecticut	21	2,516	42	25	1,745	13	571	11	506	2	65	.....	.....	200	.....	.....
Illinois	2	41	1	1	16	1	25	1	25	.....	.....	.....	.....	.....	.....	.....
Maine	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Maryland	2	45	2	2	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	11	833	13	7	647	2	100	2	100	.....	.....	2	.....	84	.....	.....
Missouri	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	5	20	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	24	.....	.....
New York	11	295	2	2	85	1	150	1	150	.....	.....	.....	.....	60	.....	.....
Ohio	1	60	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	11	72	3	3	45	.....	.....	.....	.....	.....	.....	9	.....	18	.....	.....

PLUMBERS' SUPPLIES.

The United States	96	3,554	83	76	2,091	9	309	7	275	2	34	46	5	203	.....	.....
California	7	69	4	4	53	.....	.....	.....	.....	.....	.....	.....	.....	16	.....	.....
Colorado	1	40	1	2	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	2	42	2	2	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	4	274	5	3	265	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....
Iowa	1	40	1	2	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	65	1	1	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	4	157	5	4	151	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Massachusetts	6	431	5	4	375	.....	.....	.....	.....	.....	.....	.....	.....	56	.....	.....
Michigan	5	120	3	3	95	.....	.....	.....	.....	.....	.....	10	.....	15	.....	.....
Minnesota	2	20	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Missouri	4	365	7	7	365	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	5	88	3	3	21	2	64	1	50	1	14	.....	.....	3	.....	.....
New York	30	1,047	22	19	730	6	225	6	225	.....	.....	6	5	81	.....	.....
Ohio	5	110	3	3	80	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	.....
Pennsylvania	14	505	16	14	499	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Rhode Island	2	26	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Vermont	1	20	.....	.....	.....	1	20	.....	.....	1	20	.....	.....	.....	.....	.....
Wisconsin	1	125	2	2	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PLUMBING AND GAS FITTING.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	206	2,076	132	133	1,664	8	53	2	35	6	18	84	82	164	29	.....
Alabama	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	3	9	1	1	2	.....	.....	.....	.....	.....	.....	.....	4	3	.....	.....
Connecticut	10	135	5	5	118	2	7	.....	.....	2	7	7	.....	3	.....	.....
Delaware	4	65	4	4	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	2	10	1	1	2	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....
Georgia	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Illinois	12	147	7	7	125	.....	.....	.....	.....	.....	.....	15	.....	3	4	.....
Indiana	7	115	7	8	115	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	6	36	5	5	29	2	7	.....	.....	2	7	.....	.....	.....	.....	.....
Kentucky	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	2	11	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Maryland	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Massachusetts	37	279	16	16	153	1	10	1	10	.....	.....	14	12	70	20	.....
Michigan	3	31	2	2	28	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Minnesota	6	45	3	3	32	.....	.....	.....	.....	.....	.....	9	4	.....	.....	.....
Missouri	4	97	4	4	97	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	3	38	4	3	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	4	26	2	2	19	.....	.....	.....	.....	.....	.....	.....	.....	4	3	.....
New Jersey	5	60	4	4	56	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
New York	30	243	15	16	159	2	4	.....	.....	2	4	7	18	53	2	.....
North Dakota	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	14	233	11	11	217	.....	.....	.....	.....	.....	.....	.....	5	11	.....	.....
Pennsylvania	22	222	21	21	209	.....	.....	.....	.....	.....	.....	6	7	.....	.....	.....
Rhode Island	4	40	.....	.....	.....	1	25	1	25	.....	.....	7	.....	8	.....	.....
Tennessee	3	38	3	3	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Vermont	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	2	25	1	1	20	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....
Washington	2	9	2	2	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	5	48	4	4	41	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Wisconsin	7	40	3	3	22	.....	.....	.....	.....	.....	.....	10	8	.....	.....	.....

POCKETBOOKS.

The United States	9	157	6	6	150	.....	.....	.....	.....	.....	.....	1	3	3	.....	.....
Connecticut	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Massachusetts	3	33	2	2	32	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
New Jersey	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	2	63	1	1	60	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
Pennsylvania	2	43	2	2	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

PRINTING AND PUBLISHING, BOOK AND JOB.

The United States	2,181	20,055	763	712	11,765	88	269	7	24	81	245	1,842	1,087	4,904	73	115
Alabama	11	78	4	4	37	4	13	.....	.....	4	13	16	4	.....	.....	8
Arkansas	2	11	.....	.....	.....	1	4	.....	.....	1	4	.....	7	.....	.....	.....
California	52	452	13	11	279	.....	.....	.....	.....	.....	.....	27	41	105	.....	.....
Colorado	8	60	1	1	35	.....	.....	.....	.....	.....	.....	4	14	7	.....	.....
Connecticut	46	326	22	21	249	2	4	.....	.....	2	4	22	2	47	2	.....
Delaware	11	40	2	2	18	.....	.....	.....	.....	.....	.....	19	2	.....	.....	1
District of Columbia	24	498	16	18	465	.....	.....	.....	.....	.....	.....	33	.....	.....	.....	.....
Florida	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Georgia	24	196	9	10	128	.....	.....	.....	.....	.....	.....	24	36	8	.....	.....
Illinois	188	2,207	52	42	1,069	1	3	.....	.....	1	3	138	96	901	.....	.....
Indiana	45	339	28	28	293	4	10	1	1	3	9	19	17	.....	.....	.....
Iowa	38	258	19	19	152	4	13	.....	.....	4	13	77	4	11	1	.....
Kansas	16	149	6	6	72	2	13	1	10	1	3	42	8	8	6	.....
Kentucky	22	115	13	12	50	.....	.....	.....	.....	.....	.....	36	29	.....	.....	.....
Louisiana	17	48	1	1	2	.....	.....	.....	.....	.....	.....	19	27	.....	.....	.....
Maine	25	126	11	11	63	2	5	.....	.....	2	5	6	.....	44	.....	8
Maryland	51	293	11	11	97	1	1	.....	.....	1	1	44	42	109	.....	.....
Massachusetts	281	1,524	65	61	737	14	27	.....	.....	14	27	252	32	418	48	10
Michigan	60	416	16	16	217	2	6	.....	.....	2	6	65	49	76	.....	3
Minnesota	48	428	8	5	205	1	3	1	3	.....	.....	73	20	127	.....	.....
Missouri	68	788	20	19	572	.....	.....	.....	.....	.....	.....	93	34	84	.....	5
Nebraska	13	168	8	7	131	.....	.....	.....	.....	.....	.....	5	32	.....	.....	.....
New Hampshire	20	101	11	11	80	3	6	.....	.....	3	6	2	3	.....	2	8
New Jersey	32	275	19	18	200	1	2	.....	.....	1	2	66	2	.....	.....	5
New York	441	5,337	120	112	2,584	16	58	1	1	15	57	284	252	2,140	6	13
North Carolina	7	24	1	1	4	1	1	.....	.....	1	1	.....	19	.....	.....	.....
Ohio	169	2,052	66	59	1,563	7	21	1	5	6	16	144	93	222	1	8
Oregon	15	163	13	13	146	2	17	.....	.....	2	17	.....	.....	.....	.....	.....
Pennsylvania	265	2,329	134	124	1,568	6	20	1	2	5	18	182	67	486	1	5
Rhode Island	27	148	7	6	75	1	2	1	2	.....	.....	38	.....	30	5	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PRINTING AND PUBLISHING, BOOK AND JOB—Continued.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
South Carolina	3	35	1	1	10								25			
South Dakota	3	14				1	5			1	5		9			
Tennessee	17	156	10	10	114							4	7	30	1	
Texas	29	196	14	13	105							22	54	14		1
Utah	7	35	2	2	8							19		8		
Vermont	17	88	8	6	53	7	23			7	23	2		2		8
Virginia	23	219	12	11	177	2	8			2	8	17	10	7		
Washington	13	56	2	2	9							34		10		3
West Virginia	7	19	2	2	5	3	4			3	4		4	6		
Wisconsin	35	281	16	16	195							14	39	4		29

PRINTING AND PUBLISHING, MUSIC.

The United States	11	108	3	3	65	1	2			1	2	3	6	32		
Iowa	1	2				1	2			1	2					
Massachusetts	3	21	1	1	15							3		3		
New York	3	28	1	1	10								6	12		
Pennsylvania	4	57	1	1	40									17		

PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS.

The United States	3,972	39,869	2,721	2,682	31,647	535	2,342	87	486	448	1,856	1,677	1,488	2,233	183	299
Alabama	26	171	13	14	115	2	5			2	5	24	10		13	4
Arizona	5	17	2	2	8	3	9	1	2	2	7					
Arkansas	16	167	9	10	117	6	40	1	8	5	32	10				
California	120	1,114	68	66	805	18	43	6	16	12	27	71	65	104	26	
Colorado	30	291	20	19	252	5	16	1	4	4	12	4	2		17	
Connecticut	81	597	60	60	507	10	28			10	28	10	6	25	15	6
Delaware	6	51	3	3	24							5	7	15		
District of Columbia	12	434	12	10	420							7	7			
Florida	24	151	15	15	97	4	15			4	15	3	29	5		2
Georgia	38	461	28	30	356	5	18			5	18	16	21	50		
Idaho	6	18	2	2	4	3	12			3	12	2				
Illinois	225	3,524	163	153	2,916	20	126	8	64	12	62	208	66	193	7	8
Indian territory	1	4	1	1	4											
Indiana	179	981	127	128	729	18	62	2	5	16	57	53	84	38	3	12
Iowa	83	350	64	64	251	13	38	1	2	12	36	14	27	1		19
Kansas	53	359	35	34	216	11	38	2	8	9	30	37	28	40		
Kentucky	59	602	42	44	515	4	20	2	15	2	5	1	57	6		3
Louisiana	27	270	17	17	172	2	8			2	8	63	27			
Maine	74	525	54	53	378	12	50	2	12	10	38	45	8	34	4	6
Maryland	49	599	35	39	530	4	17	1	4	3	13	9	17	26		
Massachusetts	211	1,973	126	120	1,416	24	80	2	7	22	73	258	54	148	2	15
Michigan	208	1,535	153	147	1,268	15	48	1	1	14	47	40	57	95	4	23
Minnesota	87	697	50	49	505	5	26			5	26	41	37	81	3	4
Mississippi	9	35	5	5	13	3	14	2	8	1	6		8			
Missouri	137	2,003	93	97	1,693	16	66	7	24	9	42	70	116	51	3	
Montana	25	137	14	14	62	5	23	2	4	3	19	25	10	17		4
Nebraska	83	610	63	62	479	6	16	1	2	5	14	16	26	67	4	2
Nevada	4	17	3	3	15	1	2	1	2							
New Hampshire	56	334	34	33	209	9	74			9	74	16		18	12	5
New Jersey	128	863	91	91	700	12	26	2	4	10	22	63	31	42		1
New York	545	9,387	365	360	7,468	106	728	18	197	88	531	101	152	773	39	126
North Carolina	24	113	16	16	84	3	6			3	6		17	6		
North Dakota	28	117	23	20	93	1	6			1	6	2	12	2		2
Ohio	362	3,217	231	220	2,525	39	163	12	55	27	108	107	260	144	6	12
Oklahoma	3	13	3	3	13											
Oregon	39	183	31	30	151	5	16			5	16	12	2		2	
Pennsylvania	434	4,753	369	368	4,024	79	242	6	17	73	225	213	91	168	7	8
Rhode Island	18	172	12	13	148	3	12			3	12	3	2	5	2	
South Carolina	16	108	17	16	107								1			
South Dakota	28	115	15	15	64	7	26	2	7	5	19		23			2
Tennessee	29	428	30	30	422							4	2			
Texas	79	538	66	68	407	1	5			1	5	32	69	22		3
Utah	13	115	8	8	65	1	13	1	13			13		24		
Vermont	40	192	18	17	86	17	65	1	1	16	64		10	13		18
Virginia	40	308	24	25	240	4	11			4	11	18	14	9	8	8
Washington	39	260	31	31	222	4	15	1	2	3	13	21				2
West Virginia	24	164	18	18	131	6	31			6	31		2			
Wisconsin	140	758	95	92	588	23	83	1	2	22	81	35	31	11	6	4
Wyoming	9	38	7	7	33							5				

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PRINTING MATERIALS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	35	546	14	13	308	4	128	3	78	1	50	3	.....	107	.....	.....
Colorado	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	2	100	2	1	50	1	50	.....	.....	1	50	.....	.....	.....	.....	.....
Illinois	10	88	2	2	54	.....	.....	.....	.....	.....	.....	.....	.....	34	.....	.....
Massachusetts	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Minnesota	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	2	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44	.....	.....
New Jersey	1	20	.....	.....	.....	1	20	1	20	.....	.....	.....	.....	.....	.....	.....
New York	9	157	2	2	75	2	58	2	58	.....	.....	3	.....	21	.....	.....
Ohio	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Pennsylvania	5	55	4	4	50	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Wisconsin	1	60	2	2	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

PRINTING, TIP.

The United States	3	10	1	1	4	.....	.....	.....	.....	.....	.....	.....	4	.....	2	.....
Connecticut	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
New York	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Pennsylvania	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

PULP GOODS.

The United States	9	785	8	8	605	4	160	4	160	.....	.....	.....	.....	15	.....	5
Illinois	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Massachusetts	2	200	3	4	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	2	320	3	2	315	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
New York	4	250	2	2	90	4	160	4	160	.....	.....	.....	.....	.....	.....	.....

PULP, WOOD.

The United States	77	55,548	73	41	3,240	411	52,303	259	36,046	152	16,257	.....	.....	.....	.....	5
California	1	1,000	.....	.....	.....	6	1,000	.....	.....	6	1,000	.....	.....	.....	.....	.....
Indiana	6	2,163	14	7	950	16	1,213	16	1,213	.....	.....	.....	.....	.....	.....	.....
Maine	11	14,210	19	6	460	104	13,750	78	9,800	26	3,950	.....	.....	.....	.....	.....
Massachusetts	2	450	2	3	110	4	340	4	340	.....	.....	.....	.....	.....	.....	.....
Michigan	9	2,429	16	10	720	20	1,709	15	1,267	5	442	.....	.....	.....	.....	.....
New Hampshire	3	1,490	.....	.....	.....	11	1,490	9	950	2	540	.....	.....	.....	.....	.....
New York	25	17,135	7	4	100	136	17,030	77	10,985	59	6,045	.....	.....	.....	.....	5
North Carolina	1	200	3	3	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	2	760	12	8	700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	6	6,035	.....	.....	.....	29	6,035	29	6,035	.....	.....	.....	.....	.....	.....	.....
Virginia	1	480	.....	.....	.....	4	480	4	480	.....	.....	.....	.....	.....	.....	.....
West Virginia	2	3,200	.....	.....	.....	19	3,200	9	1,600	10	1,600	.....	.....	.....	.....	.....
Wisconsin	8	6,056	.....	.....	.....	62	6,056	18	3,376	44	2,680	.....	.....	.....	.....	.....

PULP FROM FIBER, OTHER THAN WOOD.

The United States	6	1,339	11	6	585	13	754	.....	.....	13	754	.....	.....	.....	.....	.....
Delaware	2	125	3	2	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	350	4	1	350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	1	774	1	1	20	13	754	.....	.....	13	754	.....	.....	.....	.....	.....
Pennsylvania	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	1	50	2	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

PUMPS, NOT INCLUDING STEAM PUMPS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	112	2,812	93	92	2,426	12	217	5	113	7	104	.....	.....	164	5	.....
California	1	13	1	1	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	275	3	2	275	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	7	307	9	7	277	1	30	.....	.....	1	30	.....	.....	.....	.....	.....
Indiana	14	466	11	12	356	.....	.....	.....	.....	.....	.....	.....	.....	110	.....	.....
Iowa	3	107	2	2	47	1	60	1	60	.....	.....	.....	.....	.....	.....	.....
Kansas	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	70	1	1	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	3	30	1	1	10	1	10	1	10	.....	.....	.....	.....	10	.....	.....
Maryland	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	5	44	4	4	41	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Michigan	8	113	6	6	100	1	8	1	8	.....	.....	.....	.....	5	.....	.....
Minnesota	3	49	2	2	34	1	15	1	15	.....	.....	.....	.....	.....	.....	.....
Missouri	3	117	3	3	117	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	2	8	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
New York	16	137	7	7	71	4	38	1	20	3	18	.....	.....	28	.....	.....
Ohio	20	593	21	21	589	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Oregon	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	6	152	6	6	152	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	1	30	.....	.....	.....	1	30	.....	.....	1	30	.....	.....	.....	.....	.....
West Virginia	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	13	185	10	11	154	2	26	.....	.....	2	26	.....	.....	.....	5	.....

REFRIGERATORS.

The United States	40	2,120	44	35	2,005	2	35	1	20	1	15	5	2	63	10	.....
Illinois	1	20	.....	.....	.....	1	20	1	20	.....	.....	.....	.....	.....	.....	.....
Indiana	2	162	4	3	162	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....
Maryland	3	33	2	2	31	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Massachusetts	8	113	6	6	100	.....	.....	.....	.....	.....	.....	5	.....	8	.....	.....
Michigan	3	327	6	3	327	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	3	445	3	3	445	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	2	25	1	1	10	1	15	.....	.....	1	15	.....	.....	.....	.....	.....
New York	7	490	12	8	490	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	3	165	2	2	160	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Pennsylvania	5	155	6	5	155	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....
Wisconsin	1	125	2	2	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

REGALIA AND SOCIETY BANNERS AND EMBLEMS.

The United States	17	206	5	5	114	.....	.....	.....	.....	.....	.....	67	.....	25	.....	.....
Connecticut	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	4	18	1	1	15	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....
Michigan	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Missouri	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
New York	4	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	23	.....	.....
Ohio	3	144	2	2	90	.....	.....	.....	.....	.....	.....	54	.....	.....	.....	.....
Pennsylvania	2	6	1	1	5	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Rhode Island	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....

REGISTERS, CAR FARE.

The United States	6	38	1	1	15	1	4	.....	.....	1	4	.....	.....	19	.....	.....
Connecticut	3	22	1	1	15	1	4	.....	.....	1	4	.....	.....	3	.....	.....
Illinois	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
New York	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Pennsylvania	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....

REGISTERS, CASH.

The United States	3	135	3	2	125	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Illinois	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
New York	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	1	100	2	1	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

RICE, CLEANING AND POLISHING.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	32	4,120	60	54	4,110	1	2			1	2			8		
Florida	1	8												8		
Georgia	3	760	9	13	760											
Louisiana	16	1,845	29	23	1,845											
New York	3	475	6	3	475											
North Carolina	3	112	2	2	110	1	2			1	2					
South Carolina	6	920	14	13	920											

ROOFING AND ROOFING MATERIALS.

The United States	65	2,657	75	65	2,468	2	70			2	70	20	21	78		
Illinois	2	325	3	2	325											
Indiana	1	20	1	1	20											
Kentucky	1	5	1	1	5											
Maine	1	65	1	1	65											
Maryland	2	120	1	1	50	2	70			2	70					
Massachusetts	4	52	6	4	52											
Michigan	2	60	2	2	60											
Minnesota	2	25	2	2	25											
Missouri	4	115	4	3	105								10			
New Jersey	4	350	7	5	342									8		
New York	13	1,084	23	18	1,064							10	10			
Ohio	13	185	11	11	150							10		25		
Oregon	1	20	1	1	20											
Pennsylvania	11	189	8	9	143								1	45		
Texas	1	10	1	1	10											
Virginia	1	12	1	1	12											
Wisconsin	2	20	2	2	20											

RUBBER AND ELASTIC GOODS.

The United States	103	12,670	189	132	10,779	29	1,686	26	1,569	3	117	30	2	132	40	1
Connecticut	14	2,530	47	24	1,789	11	696	8	579	3	117	5		40		
Illinois	3	192	2	3	190								2			
Maine	1	20				1	20	1	20							
Massachusetts	46	4,992	67	47	4,347	11	545	11	545			17		43	40	
New Jersey	12	2,450	31	19	2,017	6	425	6	425			8				
New York	9	397	8	14	351									46		
Ohio	6	932	14	9	930									2		
Pennsylvania	6	693	10	7	692											1
Rhode Island	4	311	7	5	310									1		
Wisconsin	2	153	3	4	153											

RUBBER, VULCANIZED.

The United States	1	100	1	1	100											
New York	1	100	1	1	100											

RULES, IVORY AND WOOD.

The United States	12	119	4	4	25	2	60	1	35	1	25	3		31		
Connecticut	1	35				1	35	1	35							
Illinois	1	3										3				
Maine	1	25				1	25			1	25					
New Jersey	2	4												4		
New York	3	36	2	2	20									16		
Ohio	2	14	1	1	4									10		
Rhode Island	1	1												1		
Wisconsin	1	1	1	1	1											

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued

SADDLERY AND HARNESS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	204	2,573	102	100	1,722	12	106	1	1	11	105	226	197	286	5	31
California	8	55										38	17			
Colorado	1	4										4				
Connecticut	6	229	6	5	167	2	27			2	27	35				
Illinois	15	193	10	8	153	1	15			1	15	3	10	12		
Indiana	13	195	11	11	186	1	3			1	3			6		
Iowa	6	25	1	1	3	1	1	1	1			7	14			
Kansas	1	10												10		
Kentucky	6	153	5	6	121								32			
Louisiana	2	7										7				
Maine	6	20	2	2	10	3	8			3	8		2			
Maryland	2	32	1	1	30							2				
Massachusetts	10	41	3	3	21							1		19		
Michigan	7	71	3	3	62							6	2	1		
Minnesota	6	72	4	4	48							19		5		
Mississippi	2	11	1	1	6										5	
Missouri	20	318	5	7	52							33	52	161		20
Nebraska	4	18	2	2	12							3				3
New Hampshire	3	49	1	1	10	1	35			1	35			4		
New Jersey	8	56	2	2	45							7		4		
New York	13	217	8	8	185	1	1			1	1	6		25		
Ohio	32	543	23	22	481							18	20	18		6
Oregon	1	6	1	1	6											
Pennsylvania	8	69	7	6	55								14			
Rhode Island	2	6										2		4		
South Carolina	1	1											1			
Tennessee	9	81	3	3	41	1	8			1	8	3	27	2		
Texas	6	60	1	1	12	1	8			1	8	32		8		
Virginia	2	9											2	7		
Washington	1	4	1	1	4											
West Virginia	1	2														2
Wisconsin	2	16	1	1	12								4			

SAFES AND VAULTS.

The United States	31	1,994	33	28	1,945									49		
Alabama	1	100	1	1	100											
California	2	8	1	1	6									2		
Illinois	1	25												25		
Maryland	1	40	1	1	40											
Massachusetts	2	76	1	1	75									1		
Michigan	1	145	2	2	145											
Nebraska	1	35	1	1	35											
New York	3	304	4	3	304											
Ohio	11	1,036	10	12	1,031									5		
Pennsylvania	7	219	5	5	203									16		
Rhode Island	1	6	1	1	6											

SALT.

The United States	99	11,552	360	270	11,404	9	71	1	35	8	36	7			60	10
California	5	130	5	6	98	7	32			7	32					
Illinois	1	70	7	7	70											
Kansas	13	641	16	16	581										60	
Kentucky	1	10	1	1	10											
Michigan	38	3,756	171	109	3,749							7				
Nevada	1	4				1	4			1	4					
New York	17	5,658	95	61	5,613	1	35	1	35							10
Ohio	9	561	25	27	561											
Pennsylvania	2	350	6	5	350											
Texas	1	50	2	2	50											
Utah	5	98	6	6	98											
Virginia	1	10	7	6	10											
West Virginia	5	214	19	24	214											

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

SAND AND EMERY PAPER AND CLOTH.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	8	538	9	8	455	2	80	1	40	1	40	1	.....	2	.....	.....
Maine	1	80	1	1	40	1	40	.....	.....	1	40	.....	.....	.....	.....	.....
Massachusetts	3	167	3	3	125	1	40	1	40	.....	.....	.....	.....	2	.....	.....
New York	2	226	3	2	225	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Pennsylvania	2	65	2	2	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

SAUSAGE.

The United States	129	1,606	122	119	1,278	3	120	3	120	.....	.....	2	10	196	.....	.....
California	6	44	3	3	22	.....	.....	.....	.....	.....	.....	2	.....	20	.....	.....
Connecticut	5	39	4	4	36	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Georgia	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	4	50	4	5	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	5	42	5	5	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	2	28	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Massachusetts	23	223	19	18	208	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Minnesota	2	16	2	2	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	6	37	4	4	27	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Nebraska	1	85	3	2	70	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
New Hampshire	3	21	2	2	11	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
New Jersey	13	127	14	15	127	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	20	443	19	18	193	3	120	3	120	.....	.....	.....	10	120	.....	.....
Ohio	13	153	14	14	153	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	6	80	6	6	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	3	55	3	3	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	2	12	3	2	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	2	24	2	2	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	5	39	5	5	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	4	53	5	4	53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

SAWS.

The United States	68	3,862	82	63	3,662	2	36	2	36	.....	.....	40	.....	112	12	.....
California	3	74	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	24	.....	.....
Connecticut	2	40	.....	.....	.....	1	20	1	20	.....	.....	20	.....	.....	.....	.....
Delaware	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	10	147	3	4	105	.....	.....	.....	.....	.....	.....	.....	.....	43	.....	.....
Indiana	2	340	6	2	340	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	3	376	7	5	360	1	16	1	16	.....	.....	.....	.....	.....	.....	.....
Michigan	8	254	7	7	252	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
Missouri	1	150	2	1	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....
New Jersey	1	150	2	1	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	12	352	12	11	332	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....
Ohio	9	462	11	8	427	.....	.....	.....	.....	.....	.....	20	.....	10	5	.....
Oregon	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Pennsylvania	7	1,330	24	16	1,330	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Tennessee	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	2	32	2	2	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

'ABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

SCALES AND BALANCES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	37	1,006	33	30	930	3	35	2	20	1	15	4	17	20	.....	.....
Colorado	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	6	153	6	5	146	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....
Indiana	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	2	21	2	2	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	1	.....	.....
Michigan	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	2	47	1	1	40	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
New York	11	304	9	8	266	2	20	2	20	.....	.....	.....	10	8	.....	.....
Ohio	2	80	2	2	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	3	32	2	2	28	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Vermont	1	225	4	3	225	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	15	.....	.....	.....	1	15	.....	.....	1	15	.....	.....	.....	.....	.....

SCREWS, MACHINE.

The United States	20	908	16	9	773	.....	.....	.....	.....	.....	.....	.....	.....	45	90	.....
Connecticut	2	308	6	2	308	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	1	50	2	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	10	231	4	3	145	.....	.....	.....	.....	.....	.....	.....	.....	21	65	.....
Michigan	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
New York	2	49	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	4	25	.....
Ohio	1	200	2	1	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	2	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....

SCREWS, WOOD.

The United States	7	2,637	55	11	2,535	.....	.....	.....	.....	.....	.....	.....	.....	37	65	.....
Connecticut	2	37	3	1	15	.....	.....	.....	.....	.....	.....	.....	.....	22	.....	.....
Massachusetts	1	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65	.....
Ohio	2	450	6	2	450	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Rhode Island	1	2,070	46	8	2,070	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

SEWING MACHINE CASES.

The United States	7	1,730	27	13	1,580	2	150	2	150	.....	.....	.....	.....	.....	.....	.....
Illinois	3	310	8	3	310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	2	1,100	14	6	950	2	150	2	150	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	135	3	2	135	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	1	185	2	2	185	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

SEWING MACHINE REPAIRING.

The United States	18	45	2	2	8	.....	.....	.....	.....	.....	.....	8	.....	29	.....	.....
Louisiana	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Maryland	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	5	13	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....
Missouri	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
New York	7	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	10	.....	.....
Pennsylvania	3	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	5	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

SEWING MACHINES AND ATTACHMENTS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	48	4,782	83	48	4,158	11	459	11	459	.....	.....	7	.....	158	.....	.....
Connecticut	4	656	17	6	650	.....	.....	.....	.....	.....	.....	1	.....	5	.....	.....
Illinois	7	240	5	4	195	.....	.....	.....	.....	.....	.....	.....	.....	45	.....	.....
Massachusetts	10	790	4	3	420	8	324	8	324	.....	.....	6	.....	40	.....	.....
New Jersey	2	1,785	28	17	1,750	1	35	1	35	.....	.....	.....	.....	.....	.....	.....
New York	11	219	5	5	86	2	100	2	100	.....	.....	.....	.....	33	.....	.....
Ohio	3	480	6	5	480	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	8	304	6	4	269	.....	.....	.....	.....	.....	.....	.....	.....	35	.....	.....
Rhode Island	2	300	10	3	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	1	8	2	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

SHIPBUILDING.

The United States	263	18,192	436	481	17,574	24	489	12	216	12	273	8	2	114	.....	5
Alabama	2	46	2	2	46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	11	1,001	39	31	995	.....	.....	.....	.....	.....	.....	1	.....	5	.....	.....
Connecticut	8	369	11	13	369	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	5	686	12	30	686	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	2	86	3	3	86	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	3	244	4	3	244	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	5	324	7	8	324	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	5	360	17	18	360	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	3	43	3	3	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	3	384	10	10	384	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	16	583	15	15	475	3	108	.....	.....	3	108	.....	.....	.....	.....	.....
Maryland	11	1,003	27	22	1,003	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	24	511	23	26	478	2	25	2	25	.....	.....	5	.....	3	.....	.....
Michigan	30	1,783	41	48	1,685	3	51	3	51	.....	.....	2	.....	40	.....	5
Minnesota	6	110	7	7	110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mississippi	1	15	1	2	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	300	6	6	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	18	1,060	31	33	1,060	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	50	2,608	54	56	2,365	11	177	6	110	5	67	.....	.....	66	.....	.....
North Carolina	3	160	4	5	160	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	19	1,329	49	63	1,329	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon	5	485	9	9	485	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	9	3,367	25	29	3,315	3	50	1	30	2	20	.....	2	.....	.....	.....
Rhode Island	4	202	8	9	202	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	1	70	2	2	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	2	78	.....	.....	.....	2	78	.....	.....	2	78	.....	.....	.....	.....	.....
Virginia	6	256	9	7	256	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	4	312	7	6	312	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	1	50	2	3	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	5	367	8	12	367	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

SHIRTS.

The United States	201	3,119	79	70	2,264	14	225	9	205	5	20	124	53	436	13	4
California	6	62	1	1	45	.....	.....	.....	.....	.....	.....	6	.....	6	5	.....
Colorado	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Connecticut	3	9	2	1	6	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....
Georgia	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Illinois	15	125	4	4	28	.....	.....	.....	.....	.....	.....	5	1	91	.....	.....
Indiana	5	58	2	2	50	.....	.....	.....	.....	.....	.....	3	.....	5	.....	.....
Iowa	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Kansas	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....
Kentucky	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Louisiana	3	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....
Maine	2	33	1	1	25	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	.....
Maryland	8	105	1	1	75	.....	.....	.....	.....	.....	.....	21	7	2	.....	.....
Massachusetts	23	185	8	8	132	1	6	.....	.....	1	6	15	.....	32	.....	.....
Michigan	4	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	1	.....	.....
Minnesota	4	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	4	.....	.....	.....
Missouri	5	33	1	1	14	.....	.....	.....	.....	.....	.....	5	4	10	.....	.....
Nebraska	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
New Jersey	15	229	7	7	199	1	2	.....	.....	1	2	4	.....	24	.....	.....
New York	64	1,770	32	26	1,273	11	216	8	204	3	12	8	15	252	2	4
Ohio	7	19	2	1	5	.....	.....	.....	.....	.....	.....	12	.....	2	.....	.....
Pennsylvania	22	373	15	14	339	.....	.....	.....	.....	.....	.....	9	20	5	.....	.....
Tennessee	2	31	1	1	30	1	1	1	1	.....	.....	.....	.....	.....	.....	.....
Texas	2	26	1	1	25	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Vermont	2	21	1	1	18	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Virginia	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Wisconsin	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....

ABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

SHODDY.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	93	7,059	89	62	4,312	61	2,692	38	1,617	23	1,075	55				
lifornia	1	35	1	1	35											
nnecticut	7	633	9	6	188	8	445	2	135	6	310					
inois	3	215	2	2	215											
ine	2	80				3	80			3	80					
ssachusetts	29	2,219	25	18	1,040	28	1,179	20	799	8	380					
w Hampshire	3	80				2	80	1	30	1	50					
w Jersey	4	390	4	3	260	4	130	4	130							
w York	12	763	10	6	310	8	453	6	303	2	150					
io	3	670	8	3	640							30				
nsylvania	18	1,296	24	17	1,256	1	15			1	15	25				
ode Island	9	543	5	5	283	6	260	5	220	1	40					
rmont	1	50				1	50			1	50					
sconsin	1	85	1	1	85											

SHOW CASES.

The United States	35	864	17	17	655	1	10			1	10	54	26	79	40	
orgia	1	10										10				
nois	8	161	3	3	135	1	10			1	10	2	9	5		
ryland	3	250	4	4	250											
ssachusetts	3	66	1	1	60									6		
chigan	1	40	1	1	40											
nnesota	1	1										1				
ssouri	3	27										27				
w York	6	162	2	2	45								17	60	40	
io	5	82	2	2	60							14		8		
nsylvania	3	55	3	3	55											
ode Island	1	10	1	1	10											

SILK AND SILK GOODS.

The United States	384	29,638	454	287	22,432	94	4,809	70	3,876	24	933	195	147	1,995	55	5
lifornia	3	44										1		43		
nnecticut	35	3,234	63	33	2,460	25	666	15	398	10	268			108		
inois	10	96	3	2	50							1	15	30		
ino	1	50				2	50	2	50							
ryland	1	8	1	1	8											
ssachusetts	16	2,665	40	22	1,294	25	1,322	24	1,320	1	2	46		3		
chigan	1	140				2	140	2	140							
ssouri	1	5	1	1	5											
w Jersey	127	10,093	142	104	7,910	17	1,058	15	1,040	2	18	128		942	55	
w York	126	6,660	114	71	5,152	15	822	4	177	11	645	19	120	542		5
rth Carolina	1	60	1	1	60											
nsylvania	59	5,957	88	51	5,343	1	300	1	300				12	302		
ode Island	2	105				2	80	2	80					25		
rginia	1	521	1	1	150	5	371	5	371							

SILVERSMITHING.

The United States	13	94	2	2	43								4	47		
nois	4	36												36		
ssachusetts	3	5												5		
w York	4	47	2	2	43									4		
nsylvania	1	4											4			
ode Island	1	2												2		

SILVERWARE.

The United States	26	1,342	22	15	1,237							3	12	90		
nnecticut	3	167	4	3	162									5		
isiana	1	4											4			
ryland	4	25	1	1	6								8	11		
ssachusetts	3	250	3	2	200									50		
w Hampshire	1	40	1	1	40											
w Jersey	1	3												3		
w York	5	129	5	3	120							3		6		
nsylvania	5	62	3	3	49									13		

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

SLAUGHTERING AND MEAT PACKING, WHOLESALE.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	569	46,738	1,235	894	46,205	2	14	.....	.....	2	14	98	12	409	.....	.....
California	16	424	20	19	422	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Colorado	4	170	6	5	170	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	6	271	11	9	271	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	3	75	4	4	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia	6	97	7	7	97	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	62	16,151	344	181	16,151	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	13	1,358	44	24	1,353	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Iowa	20	3,945	57	42	3,945	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	15	5,316	92	61	5,316	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	12	324	18	16	324	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	2	90	3	2	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	15	872	24	21	872	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	15	1,364	41	25	1,362	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Michigan	9	178	13	12	178	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	9	335	15	13	327	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	.....
Missouri	39	1,437	54	52	1,427	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....
Nebraska	7	2,193	52	24	2,193	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	65	2	2	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	25	835	27	28	608	.....	.....	.....	.....	.....	.....	15	.....	212	.....	.....
New York	81	4,706	138	110	4,616	1	10	.....	.....	1	10	45	.....	35	.....	.....
Ohio	59	1,718	81	75	1,714	1	4	.....	.....	1	4	.....	.....	.....	.....	.....
Oregon	6	97	8	7	97	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	112	2,790	121	121	2,605	.....	.....	.....	.....	.....	.....	23	.....	162	.....	.....
Rhode Island	8	250	10	10	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	3	50	4	3	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	70	2	1	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	4	112	5	6	112	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	1	60	2	2	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	12	1,355	27	19	1,355	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

SMELTING AND REFINING.

The United States	24	3,728	56	42	3,692	4	36	.....	.....	4	36	.....	.....	.....	.....	.....
Colorado	2	170	1	1	150	1	20	.....	.....	1	20	.....	.....	.....	.....	.....
Connecticut	2	1,195	7	3	1,195	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	3	334	6	5	334	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	2	44	2	2	30	2	14	.....	.....	2	14	.....	.....	.....	.....	.....
Kansas	1	500	3	2	500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	662	10	8	662	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	2	17	3	2	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	1	500	10	4	500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	4	160	9	9	160	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	80	1	2	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	2	.....	.....	.....	1	2	.....	.....	1	2	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

SOAP AND CANDLES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	337	13,973	552	391	13,220	11	300	6	195	5	105	.....	.....	453	.....	.....
Alabama	2	27	3	2	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	13	255	20	16	255	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	2	170	3	3	170	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	10	523	10	9	283	9	240	4	135	5	105	.....	.....	.....	.....	.....
District of Columbia	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	2	40	2	2	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	22	1,296	43	29	1,296	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	9	300	11	13	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	6	140	7	6	140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	6	81	6	6	81	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	3	169	12	6	169	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	4	35	5	4	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	2	20	2	2	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	3	175	5	5	175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	35	857	85	33	781	.....	.....	.....	.....	.....	.....	.....	.....	76	.....	.....
Michigan	7	145	9	7	145	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	3	118	4	3	118	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	13	608	27	13	608	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	3	110	3	3	110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nevada	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	2	28	2	2	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	8	960	21	12	960	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	68	3,948	91	84	3,589	1	30	1	30	.....	.....	.....	.....	329	.....	.....
Ohio	32	1,584	78	42	1,584	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon	2	33	2	2	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	42	1,372	57	46	1,324	.....	.....	.....	.....	.....	.....	.....	.....	48	.....	.....
Rhode Island	8	233	9	9	203	1	30	1	30	.....	.....	.....	.....	.....	.....	.....
South Carolina	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	3	220	4	5	220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	7	169	7	7	169	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	2	35	2	2	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	3	33	3	3	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1	40	2	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	9	170	12	9	170	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyoming	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

SODA WATER APPARATUS.

The United States	5	367	9	9	367	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	1	125	3	1	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	1	160	2	4	160	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	2	58	3	3	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	24	1	1	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

SPORTING GOODS.

The United States	66	1,439	36	37	872	18	456	12	235	6	221	15	.....	83	13	.....
California	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Connecticut	5	103	3	3	63	2	30	2	30	.....	.....	.....	.....	.....	10	.....
Illinois	3	136	3	3	136	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	2	.....	.....	.....	1	2	.....	.....	1	2	.....	.....	.....	.....	.....
Maine	2	16	2	2	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	17	487	11	10	251	5	215	2	60	3	155	2	.....	16	3	.....
Michigan	3	90	1	1	75	.....	.....	.....	.....	.....	.....	3	.....	12	.....	.....
New Hampshire	1	10	1	1	6	1	4	.....	.....	1	4	.....	.....	.....	.....	.....
New Jersey	3	43	1	1	35	.....	.....	.....	.....	.....	.....	2	.....	6	.....	.....
New York	18	203	6	6	58	5	98	4	38	1	60	4	.....	43	.....	.....
Ohio	2	30	2	2	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	3	27	2	2	25	1	2	1	2	.....	.....	.....	.....	.....	.....	.....
Rhode Island	5	207	3	5	175	2	25	2	25	.....	.....	1	.....	6	.....	.....
Tennessee	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	1	80	.....	.....	.....	1	80	1	80	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

SPRINGS, STEEL, CAR AND CARRIAGE.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	44	3,165	42	36	2,862	5	220	5	220	.....	.....	.....	.....	83	.....	.....
Connecticut	2	70	1	1	25	1	45	1	45	.....	.....	.....	.....	.....	.....	.....
Delaware	2	45	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Illinois	6	990	7	7	960	.....	.....	.....	.....	.....	.....	.....	.....	30	.....	.....
Indiana	2	115	3	2	115	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	100	.....	.....	.....	1	100	1	100	.....	.....	.....	.....	.....	.....	.....
Massachusetts	4	105	3	3	100	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
Michigan	2	140	3	2	140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	35	2	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	6	230	5	5	220	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
New York	5	503	5	3	425	3	75	3	75	.....	.....	.....	.....	3	.....	.....
Ohio	5	605	5	5	605	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	7	207	6	5	182	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
Wisconsin	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

STAMPED WARE.

The United States	88	4,269	77	63	3,908	2	17	1	16	1	1	9	35	300	.....	.....
Colorado	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
Connecticut	8	129	8	7	103	1	16	1	16	.....	.....	.....	.....	10	.....	.....
Illinois	4	77	4	3	70	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....
Indiana	1	70	1	1	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	6	126	4	3	115	.....	.....	.....	.....	.....	.....	1	.....	10	.....	.....
Michigan	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	1,400	10	7	1,400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	22	590	12	10	540	1	1	.....	.....	1	1	2	.....	47	.....	.....
New York	23	880	19	13	750	.....	.....	.....	.....	.....	.....	6	.....	124	.....	.....
Ohio	8	651	6	7	560	.....	.....	.....	.....	.....	.....	.....	35	56	.....	.....
Pennsylvania	12	246	11	10	225	.....	.....	.....	.....	.....	.....	.....	.....	21	.....	.....

STARCH.

The United States	67	6,189	128	89	4,343	38	1,782	25	1,572	13	210	20	7	2	30	5
Connecticut	3	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	2	.....	5
Florida	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	1	60	2	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	8	1,300	31	19	1,085	4	215	4	215	.....	.....	.....	.....	.....	.....	.....
Iowa	1	150	3	1	100	1	50	1	50	.....	.....	.....	.....	.....	.....	.....
Kansas	1	90	3	1	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	18	787	30	28	670	6	117	1	20	5	97	.....	.....	.....	.....	.....
Massachusetts	2	75	2	2	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	6	304	11	9	304	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	1	60	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	12	.....	.....	.....	1	12	1	12	.....	.....	.....	.....	.....	.....	.....
New York	15	2,349	21	12	959	24	1,370	17	1,267	7	103	20	.....	.....	.....	.....
Ohio	3	840	20	11	840	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	1	18	1	1	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	2	18	.....	.....	.....	2	18	1	8	1	10	.....	.....	.....	.....	.....
Wisconsin	2	75	1	1	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	.....

STATIONERY GOODS, NOT ELSEWHERE SPECIFIED.

The United States	98	1,936	58	53	1,664	4	65	2	27	2	38	53	17	137	.....	.....
Connecticut	4	30	3	3	24	1	6	1	6	.....	.....	.....	.....	.....	.....	.....
Illinois	4	13	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Indiana	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Massachusetts	13	205	7	9	164	.....	.....	.....	.....	.....	.....	10	7	24	.....	.....
New Hampshire	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	7	1	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	36	485	18	14	390	.....	.....	.....	.....	.....	.....	32	10	53	.....	.....
Ohio	7	189	5	6	178	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....
Pennsylvania	23	872	18	14	770	3	59	1	21	2	38	7	.....	36	.....	.....
Rhode Island	4	95	1	1	90	.....	.....	.....	.....	.....	.....	4	.....	1	.....	.....
Virginia	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

STEAM FITTINGS AND HEATING APPARATUS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	156	7,226	168	149	6,379	4	365	2	330	2	65	2	10	350	90	.....
California	2	40	2	2	40											
Connecticut	10	545	15	12	535									10		
Delaware	1	10	1	1	10											
Georgia	1	8	1	1	8											
Illinois	17	902	17	13	818									84		
Indiana	5	167	3	4	115	1	50			1	50	2				
Iowa	3	93	3	4	93											
Kentucky	3	105	2	2	65									40		
Louisiana	1	35	2	2	35											
Maryland	1	50	1	1	50											
Massachusetts	20	467	15	12	408									59		
Michigan	5	182	5	5	142									40		
Minnesota	1	4	1	1	4											
Missouri	7	192	6	6	172									20		
New Jersey	6	353	0	6	353											
New York	38	2,272	43	38	1,788	2	330	2	330				10	54	90	
Ohio	11	437	14	13	437											
Oregon	1	40	1	1	40											
Pennsylvania	18	1,072	22	21	1,051									21		
Rhode Island	1	2												2		
Wisconsin	4	250	5	4	215	1	15			1	15			20		

STEAM PACKING.

The United States	25	438	12	14	221	1	117	1	117					66	34	
Illinois	1	2												2		
Massachusetts	4	183	2	2	35	1	117	1	117					1	30	
New York	5	173	4	6	143									30		
Pennsylvania	14	76	6	6	43									33		
Vermont	1	4													4	

STENCILS AND BRANDS.

The United States	12	40	4	4	11							4	15	10		
Illinois	1	15											15			
Iowa	1	2	1	1	2											
Louisiana	1	2										2				
Maine	1	2	1	1	2											
Massachusetts	2	2	1	1	1							1				
New York	3	8										1		7		
Ohio	2	3												3		
Pennsylvania	1	6	1	1	6											

STEREOTYPING AND ELECTROTYPING.

The United States	62	691	10	11	208							55		428		
California	3	14	1	1	9									5		
Colorado	1	2												2		
Connecticut	3	119	3	4	115									4		
District of Columbia	2	11	1	1	6									5		
Georgia	1	6												6		
Illinois	6	88										25		63		
Indiana	1	20	1	1	20											
Louisiana	1	8	1	1	8											
Massachusetts	6	51	1	1	15							10		26		
Michigan	2	17										2		15		
Minnesota	1	5												5		
Missouri	2	44												44		
New York	19	163										3		160		
Ohio	5	61	1	1	10							4		47		
Pennsylvania	7	64	1	1	25							11		28		
Rhode Island	1	3												3		
Texas	1	15												15		

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

STRAW GOODS, NOT ELSEWHERE SPECIFIED.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	4	59	7	4	59											
Massachusetts	1	40	3	1	40											
Ohio	1	5	2	1	5											
Pennsylvania	1	10	1	1	10											
Wisconsin	1	4	1	1	4											

SUGAR AND MOLASSES, BEET.

The United States	2	1,300	15	25	1,300											
California	2	1,300	15	25	1,300											

SUGAR AND MOLASSES, REFINING.

The United States	137	28,047	443	354	27,917	2	48	2	48			20		39		23
California	3	1,165	44	19	1,165											
Florida	1	500	4	15	500											
Illinois	15	1,247	36	17	1,247											
Indiana	15	284	17	15	284											
Iowa	4	653	17	8	613	1	40	1	40							
Kansas	8	1,022	27	27	1,016											6
Louisiana	29	3,578	115	107	3,578											
Maine	2	220	6	3	220											
Massachusetts	2	880	28	14	880											
Michigan	4	95	4	4	95											
Minnesota	3	35	2	2	15									20		
Mississippi	6	17														17
Missouri	5	205	6	6	205											
Nebraska	2	25	2	2	25											
New York	8	4,407	32	13	4,392									15		
North Carolina	1	20	1	1	20											
Ohio	9	84	8	8	80									4		
Pennsylvania	8	13,362	81	82	13,342							20				
Tennessee	2	90	2	2	90											
Texas	2	56	3	2	50											
Wisconsin	8	102	8	7	94	1	8	1	8							

SURGICAL APPLIANCES.

The United States	38	309	12	14	141	5	87	3	70	2	17	16	22	33	8	2
Connecticut	2	7	1	1	2									5		
District of Columbia	1	4											4			
Illinois	3	32	1	1	25							3		4		
Indiana	1	2										2				
Iowa	2	4				1	2			1	2	2				
Massachusetts	5	84	2	3	21	2	55	2	55					8		
New Hampshire	5	41				2	30	1	15	1	15			1	8	2
New Jersey	4	23	3	3	22									1		
New York	5	15	1	1	1							2	4	8		
Ohio	2	7										7				
Pennsylvania	5	81	2	3	62								14	5		
Virginia	1	1												1		
Wisconsin	2	8	2	2	8											

TAR AND TURPENTINE.

The United States	1	4												4		
Alabama	1	4												4		

TAXIDERMY.

The United States	1	8	1	1	8											
New York	1	8	1	1	8											

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued

THREAD, LINEN.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	2	1,471	10	9	1,006	2	465	2	465							
Massachusetts	1	421	2	3	206	1	215	1	215							
New Jersey	1	1,050	8	6	800	1	250	1	250							

TINFOIL.

The United States	2	100	2	1	75									25		
Illinois	1	25												25		
Missouri	1	75	2	1	75											

TINSMITHING, COPPERSMITHING, AND SHEET-IRON WORKING.

The United States	302	6,330	210	190	5,417	6	30	1	15	5	15	140	252	477	8	6
Arkansas	1	4	3	1	4											
California	12	153	6	5	109							14	15	15		
Colorado	1	10	1	1	10											
Connecticut	3	196	5	4	195	1	1			1	1					
Delaware	1	6	1	1	5							1				
Georgia	1	12											12			
Illinois	33	754	21	16	595							25	43	91		
Indiana	7	49	5	5	42									5		2
Iowa	2	20	2	2	20											
Kentucky	7	105	5	5	94								5	6		
Louisiana	4	51	3	3	28							5	18			
Maine	4	16	2	2	14	1	1			1	1	1				
Maryland	16	571	16	15	561	1	2			1	2	4	4			
Massachusetts	31	350	12	12	266							26	5	53		
Michigan	12	90	5	5	52							12	17	9		
Minnesota	4	110	3	2	100							3	7			
Missouri	15	273	10	11	206							10	32	25		
Montana	1	3										3				
Nebraska	1	30	1	1	30											
New Jersey	7	74	6	6	53							1		20		
New York	63	1,968	50	43	1,775	1	15	1	15			15	50	105	8	
Ohio	21	526	14	15	414	1	3			1	3	4	14	91		
Pennsylvania	34	376	21	20	310	1	8			1	8	4	25	29		
Rhode Island	8	115	6	5	105							2	5	3		
Texas	2	14	1	1	10											4
Utah	1	30	1	1	30											
Vermont	2	24	2	2	24											
Wisconsin	8	400	8	6	365							10		25		

TOBACCO, CHEWING, SMOKING, AND SNUFF.

The United States	252	12,181	314	282	11,765	5	59	3	48	2	11	57	94	100	25	75
California	1	6	1	1	6											
Delaware	1	265	6	4	230								35			
Illinois	12	570	14	11	566								4			
Iowa	1	25	1	1	25											
Kentucky	24	1,382	38	34	1,382											
Louisiana	5	71	5	5	71											
Maryland	5	496	6	4	490									6		
Massachusetts	2	30				2	30	2	30							
Michigan	5	840	13	8	790							50				
Minnesota	2	40	1	1	30										10	
Missouri	18	1,918	31	28	1,863											55
New Jersey	4	78	3	3	60	1	18	1	18							
New York	22	693	22	16	633							7	20	18	15	
North Carolina	41	1,083	41	42	1,077	1	6			1	6					
Ohio	18	803	19	16	746	1	5			1	5			32		20
Pennsylvania	5	235	6	6	200								35			
Tennessee	5	126	5	5	126											
Virginia	76	2,834	93	91	2,784									50		
West Virginia	2	376	4	3	376											
Wisconsin	3	310	5	3	310											

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

TOBACCO, CIGARS, AND CIGARETTES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	115	2,394	104	84	2,093	2	3	.....	.....	2	3	91	42	156	.....	9
Connecticut	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....
Illinois	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....
Indiana	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Iowa	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Kansas	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Louisiana	2	200	4	2	125	.....	.....	.....	.....	.....	.....	75	.....	.....	.....	.....
Maryland	3	31	2	2	23	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....
Massachusetts	5	12	2	2	9	1	1	.....	.....	1	1	1	1	.....	.....	.....
Michigan	4	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	1	.....	.....	.....
Missouri	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
New York	43	1,380	46	33	1,229	.....	.....	.....	.....	.....	.....	.....	20	131	.....	.....
North Carolina	1	80	4	1	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	5	84	3	5	80	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3
Pennsylvania	39	409	36	32	385	1	2	.....	.....	1	2	3	1	12	.....	6
Virginia	4	153	5	5	153	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....

TOBACCO, STEMMING AND REHANDLING.

The United States	13	390	18	14	390	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	8	208	11	9	208	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	1	7	1	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	2	115	4	2	115	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TOOLS, NOT ELSEWHERE SPECIFIED.

The United States	305	9,305	202	187	6,307	64	2,251	53	2,142	11	109	31	4	656	43	13
California	5	36	2	3	20	.....	.....	.....	.....	.....	.....	8	.....	8	.....	.....
Connecticut	21	1,218	15	12	621	12	568	11	558	1	10	.....	.....	21	8	.....
Delaware	2	21	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Georgia	1	65	2	2	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	17	148	7	7	113	.....	.....	.....	.....	.....	.....	.....	.....	32	3	.....
Indiana	3	124	3	3	124	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	5	185	3	4	107	1	75	1	75	.....	.....	.....	.....	3	.....	.....
Maryland	3	53	3	3	53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	76	1,838	36	33	915	24	816	20	795	4	21	18	4	78	2	5
Michigan	9	169	6	6	145	.....	.....	.....	.....	.....	.....	.....	.....	24	.....	.....
Minnesota	2	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	.....	.....
Missouri	5	190	5	4	178	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....
New Hampshire	4	92	1	1	6	5	86	3	65	2	21	.....	.....	.....	.....	.....
New Jersey	20	245	5	4	137	.....	.....	.....	.....	.....	.....	2	.....	106	.....	.....
New York	39	1,302	19	19	479	12	565	10	520	2	45	.....	.....	220	30	8
Ohio	20	1,109	22	22	1,029	1	30	1	30	.....	.....	.....	.....	50	.....	.....
Pennsylvania	55	2,302	63	54	2,192	7	61	5	49	2	12	2	.....	47	.....	.....
Rhode Island	8	18	2	2	8	.....	.....	.....	.....	.....	.....	1	.....	9	.....	.....
Vermont	3	40	1	1	20	1	10	1	10	.....	.....	.....	.....	10	.....	.....
Virginia	1	16	1	1	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	4	80	3	3	40	1	40	1	40	.....	.....	.....	.....	.....	.....	.....

TOYS AND GAMES.

The United States	77	2,587	58	51	1,923	18	358	14	308	4	50	5	15	278	6	2
California	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	4	62	5	5	47	1	15	.....	.....	1	15	.....	.....	.....	.....	.....
Illinois	2	23	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Indiana	1	125	2	1	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	13	390	8	8	181	8	154	6	129	2	25	.....	.....	55	.....	.....
Michigan	3	105	3	3	105	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	2	25	.....	.....	.....	2	25	1	15	1	10	.....	.....	.....	.....	.....
New Jersey	4	22	2	2	10	1	2	1	2	.....	.....	.....	.....	10	.....	.....
New York	25	691	15	13	476	.....	.....	.....	.....	.....	.....	.....	13	200	.....	2
Ohio	3	110	2	2	100	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Pennsylvania	10	544	11	10	537	.....	.....	.....	.....	.....	.....	5	2	.....	.....	.....
Rhode Island	1	75	2	1	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	5	218	1	1	50	6	162	6	162	.....	.....	.....	.....	.....	6	.....
Wisconsin	3	185	5	3	185	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

TRUNKS AND VALISES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	68	2,029	67	58	1,853	5	56	4	53	1	3	28	10	82	.....	.....
California	3	80	2	2	70	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Colorado	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	1	18	.....	.....	.....	2	18	2	18	.....	.....	.....	.....	.....	.....	.....
Georgia	2	60	2	2	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	4	60	4	4	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	6	124	6	7	124	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	3	8	1	1	2	1	3	.....	.....	1	3	.....	.....	3	.....	.....
Massachusetts	5	62	2	2	50	.....	.....	.....	.....	.....	.....	10	.....	2	.....	.....
Michigan	1	40	1	1	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota	2	26	2	3	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	3	102	2	1	40	.....	.....	.....	.....	.....	.....	.....	.....	62	.....	.....
New Hampshire	1	35	.....	.....	.....	2	35	2	35	.....	.....	.....	.....	.....	.....	.....
New Jersey	7	469	14	8	469	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	5	126	5	5	126	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	5	193	4	4	190	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Pennsylvania	6	29	3	3	14	.....	.....	.....	.....	.....	.....	.....	10	5	.....	.....
Tennessee	2	26	2	2	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	1	40	1	1	25	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....
Virginia	2	110	2	2	110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	7	400	11	7	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TYPE FOUNDING.

The United States	29	663	19	16	539	.....	.....	.....	.....	.....	.....	15	8	101	.....	.....
California	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	3	39	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....
Maryland	4	25	1	1	10	.....	.....	.....	.....	.....	.....	1	8	6	.....	.....
Massachusetts	3	25	1	1	10	.....	.....	.....	.....	.....	.....	5	.....	10	.....	.....
Minnesota	1	50	2	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	2	100	5	3	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	8	89	1	1	10	.....	.....	.....	.....	.....	.....	9	.....	70	.....	.....
Ohio	3	154	3	3	148	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Pennsylvania	3	116	3	3	116	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TYPEWRITERS AND SUPPLIES.

The United States	20	777	10	8	674	.....	.....	.....	.....	.....	.....	2	.....	101	.....	.....
Connecticut	2	75	2	1	50	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
Illinois	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....
Massachusetts	2	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19	.....	.....
Missouri	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	2	7	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
New York	11	634	6	5	590	.....	.....	.....	.....	.....	.....	2	.....	42	.....	.....
Pennsylvania	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....

UMBRELLAS AND CANES.

The United States	86	1,335	31	28	978	3	55	1	13	2	42	39	75	188	.....	.....
California	2	7	1	1	5	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Connecticut	1	53	1	1	40	1	13	1	13	.....	.....	.....	.....	.....	.....	.....
Maryland	2	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	5	.....	.....	.....
Massachusetts	3	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	4	.....	.....
Michigan	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
New Jersey	3	79	3	3	78	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
New York	41	332	4	4	130	.....	.....	.....	.....	.....	.....	23	48	131	.....	.....
Ohio	7	57	3	3	52	.....	.....	.....	.....	.....	.....	4	.....	1	.....	.....
Pennsylvania	24	713	17	14	617	2	42	.....	.....	2	42	3	20	31	.....	.....
Rhode Island	1	70	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....
Wisconsin	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

UPHOLSTERY MATERIALS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	106	3,790	137	105	3,185	14	520	10	464	4	56	4	.....	81	.....	.....
California	4	79	4	4	79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	2	65	1	1	60	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....
District of Columbia	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	2	14	2	2	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	3	156	3	3	156	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	8	368	8	7	248	1	120	1	120	.....	.....	.....	.....	.....	.....	.....
Kansas	1	30	1	1	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	4	99	4	4	99	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	6	246	11	7	246	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	3	96	2	1	90	.....	.....	.....	.....	.....	.....	1	.....	5	.....	.....
Michigan	5	251	5	5	216	1	35	1	35	.....	.....	.....	.....	.....	.....	.....
Minnesota	3	216	35	18	216	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	4	167	4	4	167	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	4	107	5	3	106	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
New York	15	283	7	7	188	5	65	1	9	4	56	2	.....	28	.....	.....
North Carolina	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio	12	378	12	12	358	1	20	1	20	.....	.....	.....	.....	.....	.....	.....
Oregon	2	187	1	1	7	2	180	2	180	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	15	462	19	13	420	.....	.....	.....	.....	.....	.....	.....	.....	42	.....	.....
Rhode Island	4	336	4	2	235	4	100	4	100	.....	.....	.....	.....	1	.....	.....
South Dakota	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	2	75	2	2	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	1	47	1	2	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

VARNISH.

The United States	49	1,906	54	49	1,576	3	303	2	300	1	3	11	.....	16	.....	.....
Connecticut	2	320	1	1	20	2	300	2	300	.....	.....	.....	.....	.....	.....	.....
Illinois	7	227	10	7	227	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	1	60	2	1	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	1	50	1	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	5	44	4	4	41	1	3	.....	.....	1	3	.....	.....	.....	.....	.....
Michigan	1	230	2	1	230	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	5	105	6	6	105	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	17	646	18	19	623	.....	.....	.....	.....	.....	.....	8	.....	15	.....	.....
Ohio	4	105	5	4	105	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	5	116	5	4	115	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Virginia	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....

VAULT LIGHTS AND VENTILATORS.

The United States	4	49	3	3	47	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Illinois	2	35	2	2	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	2	14	1	1	12	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

VINEGAR AND CIDER.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	480	9,114	415	418	7,456	89	1,394	52	831	37	563	30	.....	137	87	10
California	4	33	4	5	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	16	170	9	9	88	7	82	5	60	2	22	.....	.....	.....	.....	.....
District of Columbia	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	3	29	3	3	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	26	901	29	27	901	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana	18	220	15	15	183	.....	.....	.....	.....	.....	.....	.....	.....	37	.....	.....
Iowa	6	124	6	6	124	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	11	139	8	8	119	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	19
Kentucky	7	268	8	9	268	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	5	41	5	5	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	3	83	2	2	75	1	8	1	8	.....	.....	.....	.....	.....	.....	.....
Massachusetts	54	820	36	35	457	21	332	17	296	4	36	25	.....	6	.....	.....
Michigan	71	1,388	67	72	1,181	9	172	5	99	4	73	.....	.....	35	.....	.....
Minnesota	3	125	3	3	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	16	566	20	18	566	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	4	139	7	7	139	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	14	356	5	5	79	12	277	5	75	7	202	.....	.....	.....	.....	.....
New Jersey	7	70	6	7	64	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
New York	110	1,956	88	93	1,468	26	376	15	235	11	141	.....	.....	38	74	.....
Ohio	61	1,025	61	59	982	3	28	.....	.....	3	28	.....	.....	15	.....	.....
Oregon	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	20	306	18	17	274	3	32	1	2	2	30	.....	.....	.....	.....	.....
Tennessee	1	14	1	1	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	2	13	1	1	3	1	5	.....	.....	1	5	5	.....	.....	.....	.....
Vermont	6	47	1	1	6	4	38	2	16	2	22	.....	.....	.....	3	.....
Washington	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	8	229	8	6	185	2	44	1	40	1	4	.....	.....	.....	.....	.....

WASHING MACHINES AND CLOTHES WRINGERS.

The United States	63	1,660	54	51	1,294	10	178	5	92	5	86	3	10	134	41	.....
Connecticut	1	145	3	1	100	3	45	3	45	.....	.....	.....	.....	.....	.....	.....
Illinois	2	16	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Indiana	11	361	10	10	331	.....	.....	.....	.....	.....	.....	.....	.....	30	.....	.....
Iowa	5	92	5	4	89	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Kansas	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	20	.....	.....	.....	1	20	.....	.....	1	20	.....	.....	.....	.....	.....
Maryland	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....
Massachusetts	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	3	57	2	2	42	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Minnesota	3	18	3	3	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	1	8	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska	1	6	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	13	359	7	8	220	4	73	2	47	2	26	.....	.....	25	41	.....
Ohio	5	136	5	4	86	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....
Pennsylvania	8	299	9	10	289	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....
Rhode Island	1	65	2	1	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	1	4	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	3	46	1	1	6	2	40	.....	.....	2	40	.....	.....	.....	.....	.....

WATCH AND CLOCK MATERIALS.

The United States	24	385	12	12	212	6	138	4	112	2	26	2	1	32	.....	.....
California	1	35	1	1	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	9	216	7	7	132	4	83	2	57	2	26	1	.....	.....	.....	.....
Illinois	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	4	13	1	1	4	1	7	1	7	.....	.....	1	.....	1	.....	.....
New Hampshire	1	48	.....	.....	.....	1	48	1	48	.....	.....	.....	.....	.....	.....	.....
New Jersey	5	54	2	2	29	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....
New York	3	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

WATCH CASES.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	35	1,015	19	14	865							12	17	115	6	
Colorado	1	1										1				
Illinois	3	81	1	1	75										6	
Kentucky	1	30	1	1	30											
Massachusetts	4	37	1	1	15							3		19		
Missouri	1	7										7				
New Jersey	4	88	2	2	75									13		
New York	13	297	7	5	230							1		66		
Ohio	1	180	3	1	180											
Pennsylvania	6	286	4	3	260								17	9		
Rhode Island	1	8												8		

WATCH, CLOCK, AND JEWELRY REPAIRING.

The United States	43	141	5	5	13	6	9			6	9	29	2	85	3	
California	1	5	1	1	5											
District of Columbia	1	2										2				
Illinois	7	19	1	1	2							5		9	3	
Kansas	1	1										1				
Louisiana	1	1										1				
Maine	3	5	2	2	3									2		
Massachusetts	7	15	1	1	3	2	3			2	3			9		
Michigan	1	2										2				
Minnesota	3	5										3	2			
Missouri	3	5										5				
New Hampshire	1	2										2				
New York	1	10												10		
Ohio	8	63				2	3			2	3	7		53		
Pennsylvania	4	5				2	3			2	3	1		1		
Rhode Island	1	1												1		

WATCHES.

The United States	12	1,362	35	15	1,350							2		10		
Connecticut	1	65	3	1	65											
Illinois	4	930	26	9	930											
Massachusetts	2	42	1	1	40							2				
New Jersey	2	90	2	2	90											
New York	1	10												10		
Ohio	2	225	3	2	225											

WHEELBARROWS.

The United States	21	1,148	25	26	1,063	5	53	4	50	1	3			2	30	
Indiana	2	100	3	2	100											
Maine	1	40	1	1	10	2	30	2	30							
Michigan	3	217	2	3	187										30	
New Hampshire	1	12	1	1	12											
New York	5	67	3	3	44	3	23	2	20	1	3					
Ohio	7	652	13	13	650									2		
Pennsylvania	1	50	1	2	50											
Wisconsin	1	10	1	1	10											

WHIPS.

The United States	41	444	18	18	287	10	38	1	25	9	13	1		106	12	
Maryland	1	8												8		
Massachusetts	23	207	6	6	119	9	13			9	13			75		
Michigan	2	40	2	2	40											
New York	5	76	4	4	73									3		
Ohio	3	57	1	1	20	1	25	1	25						12	
Pennsylvania	7	56	5	5	35							1		20		

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

WINDMILLS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	57	1,638	52	49	1,384	5	130	3	90	2	40	20	.....	50	39	15
California	2	50	2	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	11	271	9	8	242	1	10	1	10	.....	.....	.....	.....	.....	4	15
Indiana	10	376	9	8	286	1	60	1	60	.....	.....	20	.....	10	.....	.....
Iowa	6	87	6	6	77	1	10	.....	.....	1	10	.....	.....	.....	.....	.....
Kansas	4	72	3	3	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	.....
Kentucky	1	50	1	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan	8	172	6	5	122	.....	.....	.....	.....	.....	.....	.....	.....	40	10	.....
Nebraska	4	101	3	3	51	2	50	1	20	1	30	.....	.....	.....	.....	.....
Ohio	3	114	3	3	114	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	6	325	8	8	325	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

WINDOW SHADES.

The United States	28	1,236	27	23	720	3	456	3	456	.....	.....	.....	10	50	.....	.....
Connecticut	1	15	1	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	1	100	2	1	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	3	62	4	2	60	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Minnesota	1	5	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	2	75	2	3	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	14	898	12	10	388	3	456	3	456	.....	.....	.....	10	44	.....	.....
Ohio	2	29	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
Pennsylvania	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	1	25	1	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	2	17	2	2	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

WIRE.

The United States	23	30,175	266	145	29,190	19	725	12	480	7	245	.....	.....	260	.....	.....
Connecticut	1	675	9	3	675	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	1	590	4	2	350	3	240	3	240	.....	.....	.....	.....	.....	.....	.....
Indiana	1	3,000	21	4	3,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	5	7,385	102	56	7,130	9	245	7	200	2	45	.....	.....	10	.....	.....
Missouri	2	1,075	10	9	1,075	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	2	2,520	17	7	2,520	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	3	318	3	3	68	.....	.....	.....	.....	.....	.....	.....	.....	250	.....	.....
Ohio	1	4,000	22	18	4,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	7	10,612	78	43	10,372	7	240	2	40	5	200	.....	.....	.....	.....	.....

WIREWORK, INCLUDING WIRE ROPE AND CABLE.

The United States	207	6,998	163	150	5,585	25	907	16	743	9	164	90	37	349	30	.....
California	6	484	8	5	470	.....	.....	.....	.....	.....	.....	.....	.....	14	.....	.....
Connecticut	14	232	5	6	86	8	139	4	75	4	64	.....	.....	7	.....	.....
Illinois	24	1,095	27	21	915	3	135	2	125	1	10	.....	10	35	.....	.....
Indiana	9	134	7	7	113	1	1	1	1	.....	.....	.....	.....	.....	20	.....
Iowa	3	66	2	2	41	1	25	.....	.....	1	25	.....	.....	.....	.....	.....
Kansas	1	70	1	1	35	1	35	1	35	.....	.....	.....	.....	.....	.....	.....
Kentucky	3	82	3	3	82	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland	2	21	1	1	20	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Massachusetts	29	798	16	15	545	3	155	2	140	1	15	.....	.....	88	10	.....
Michigan	8	326	6	5	304	.....	.....	.....	.....	.....	.....	.....	.....	22	.....	.....
Minnesota	3	69	3	3	69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	5	312	3	3	275	.....	.....	.....	.....	.....	.....	23	.....	14	.....	.....
Nebraska	2	46	2	2	46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	1	60	1	1	20	1	40	.....	.....	1	40	.....	.....	.....	.....	.....
New Jersey	8	135	3	3	90	.....	.....	.....	.....	.....	.....	7	.....	38	.....	.....
New York	40	1,368	36	36	1,170	1	50	1	50	.....	.....	52	7	89	.....	.....
Ohio	12	578	14	12	569	.....	.....	.....	.....	.....	.....	5	.....	4	.....	.....
Pennsylvania	24	1,021	21	21	678	4	312	4	312	.....	.....	2	10	19	.....	.....
Rhode Island	4	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....
Tennessee	3	28	2	2	26	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Vermont	2	21	1	1	11	1	10	.....	.....	1	10	.....	.....	.....	.....	.....
Virginia	1	20	1	1	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	3	21	.....	.....	.....	1	5	1	5	.....	.....	.....	10	6	.....	.....

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

WOOD, PRESERVING.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	3	118	5	4	118											
Florida	1	60	2	2	60											
North Carolina	1	50	2	1	50											
Wisconsin	1	8	1	1	8											

WOOD, TURNED AND CARVED.

The United States	621	15,887	347	312	10,369	150	3,392	95	2,427	55	965	176	7	1,625	300	18
Alabama	3	68	3	3	66	1	2			1	2					
California	9	32										1		31		
Colorado	2	30	2	2	30											
Connecticut	33	732	14	13	275	26	408	13	199	13	209			15	34	
District of Columbia	3	14	3	3	14											
Georgia	2	50	1	1	10	1	40			1	40					
Illinois	29	296	10	10	192	2	17	1	5	1	12	3		84		
Indiana	19	1,321	20	16	1,064	1	60	1	60			125		72		
Iowa	4	69	2	2	58									11		
Kansas	2	20	2	2	20											
Kentucky	10	440	10	9	430									10		
Louisiana	2	18	2	2	18											
Maine	27	1,178	22	18	830	7	213	6	187	1	26	7		16	112	
Maryland	5	84	3	3	71	1	10	1	10					3		
Massachusetts	83	1,456	26	23	681	22	444	17	405	5	39	15		299	17	
Michigan	33	1,140	29	22	1,043	1	20	1	20			22		44	11	
Minnesota	1	5													5	
Mississippi	1	16	1	1	16											
Missouri	13	376	10	10	366							3		7		
New Hampshire	19	878	9	6	403	12	378	7	270	5	108			97		
New Jersey	33	534	18	18	387	3	32	1	7	2	25			112	3	
New York	110	1,939	33	33	674	27	620	15	415	12	205		7	546	86	6
North Carolina	2	114	1	1	85	1	29	1	29							
Ohio	44	1,240	32	31	1,108	3	59	1	40	2	19			73		
Pennsylvania	68	1,611	51	46	1,209	11	258	6	150	5	108			144		
Rhode Island	11	414	13	9	396	1	12			1	12			6		
South Carolina	2	70	1	1	50	1	20	1	20							
Tennessee	4	265	5	5	265											
Texas	1	10	1	1	10											
Utah	1	4	1	1	4											
Vermont	27	977	4	3	173	28	710	22	550	6	160			50	32	12
Virginia	5	75	4	4	70									5		
Washington	1	80	1	1	80											
West Virginia	3	100	3	3	100											
Wisconsin	9	231	10	9	171	1	60	1	60							

WOODENWARE, NOT ELSEWHERE SPECIFIED.

The United States	112	7,325	91	84	4,108	80	3,119	41	1,995	39	1,124			60	38	
Alabama	2	195	2	3	195											
Georgia	2	48	1	1	40										8	
Illinois	1	12	1	1	12											
Indiana	5	335	8	7	335											
Iowa	1	35	1	1	35											
Maine	2	1,260	1	1	60	13	1,200	5	500	8	700					
Maryland	1	35	1	1	35											
Massachusetts	14	1,097	5	6	223	20	843	16	768	4	75			1	30	
Michigan	7	495	13	9	495											
Minnesota	3	300	5	4	300											
Missouri	3	270	6	4	270											
Nebraska	1	25	1	1	25											
New Hampshire	7	361	5	5	161	8	200	6	173	2	27					
New Jersey	1	2				1	2	1	2							
New York	15	865	5	4	188	16	642	7	462	9	180			35		
North Carolina	1	100	2	3	100											
Ohio	10	808	12	10	808											
Oregon	1	95	2	2	95											
Pennsylvania	7	382	9	8	358									24		
Tennessee	1	60	1	1	60											
Vermont	22	346	5	6	114	22	232	6	90	16	142					
West Virginia	1	50	1	1	50											
Wisconsin	4	149	4	5	149											

TABLE 6.—POWER USED IN MANUFACTURES, SPECIFIED INDUSTRIES, BY STATES AND TERRITORIES: 1890—Continued.

WOOL HATS.

STATES AND TERRITORIES.	Number of establishments reporting power.	Total horse power.	STEAM POWER.			WATER POWER.						ELECTRICITY.	GAS.	RENTED POWER.		Not specified. (Horse power.)
						Total.		Turbine wheels.		Other water wheels.						
			Boilers.	Engines.	Horse power.	Number of wheels.	Horse power.	Number.	Horse power.	Number.	Horse power.	Horse power.	Horse power.	Steam. (Horse power.)	Water. (Horse power.)	
The United States	31	3,295	64	34	2,781	10	514	5	234	5	289	.....	.....	.....	.....	.....
Connecticut	1	150	4	1	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	1	150	2	1	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	7	765	16	7	765	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	5	1,074	14	6	650	4	424	2	195	2	229	.....	.....	.....	.....	.....
Pennsylvania	17	1,156	28	19	1,066	6	90	3	39	3	51	.....	.....	.....	.....	.....

WOOLEN GOODS.

The United States	1,300	122,501	1,547	880	67,192	1,195	55,030	732	39,781	463	15,249	167	7	3	.....	102
Alabama	6	87	.....	.....	.....	6	87	2	35	4	52	.....	.....	.....	.....	.....
Arkansas	6	90	2	2	35	3	55	1	10	2	45	.....	.....	.....	.....	.....
California	8	1,530	15	11	1,450	1	80	1	80	.....	.....	.....	.....	.....	.....	.....
Connecticut	54	9,131	100	55	3,863	82	5,223	68	4,420	14	803	.....	.....	.....	.....	45
Delaware	3	443	7	4	230	4	213	4	213	.....	.....	.....	.....	.....	.....	.....
Georgia	14	350	1	1	4	12	346	5	211	7	135	.....	.....	.....	.....	.....
Idaho	1	15	.....	.....	.....	1	15	1	15	.....	.....	.....	.....	.....	.....	.....
Illinois	23	1,122	31	23	972	2	150	2	150	.....	.....	.....	.....	.....	.....	.....
Indiana	45	2,311	54	37	1,901	18	410	11	268	7	142	.....	.....	.....	.....	.....
Iowa	14	719	13	8	350	14	369	13	357	1	12	.....	.....	.....	.....	.....
Kansas	1	12	1	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky	39	1,964	40	28	1,721	15	207	5	120	10	87	.....	.....	.....	.....	36
Louisiana	1	10	1	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine	74	9,105	54	12	2,368	102	6,737	58	4,630	44	2,107	.....	.....	.....	.....	.....
Maryland	9	554	6	3	285	10	269	6	212	4	57	.....	.....	.....	.....	.....
Massachusetts	165	34,699	359	173	17,171	248	17,528	178	13,992	70	3,536	.....	.....	.....	.....	.....
Michigan	32	900	24	20	636	15	324	10	194	5	130	.....	.....	.....	.....	.....
Minnesota	21	862	12	11	282	15	580	5	479	10	101	.....	.....	.....	.....	.....
Mississippi	7	658	10	7	583	2	75	2	75	.....	.....	.....	.....	.....	.....	.....
Missouri	35	835	28	27	743	8	92	1	10	7	82	.....	.....	.....	.....	.....
New Hampshire	45	6,813	46	21	1,917	85	4,891	71	4,093	14	798	.....	.....	.....	.....	5
New Jersey	21	3,773	63	24	2,982	21	791	12	505	9	286	.....	.....	.....	.....	.....
New York	90	6,069	72	46	2,364	104	3,705	55	2,733	49	972	.....	.....	.....	.....	.....
North Carolina	27	573	9	7	173	25	400	12	282	13	118	.....	.....	.....	.....	.....
Ohio	63	2,056	61	47	1,544	30	512	16	289	14	223	.....	.....	.....	.....	.....
Oregon	6	487	.....	.....	.....	6	487	6	487	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	259	21,847	363	204	18,269	129	3,427	63	1,818	66	1,609	132	7	.....	.....	12
Rhode Island	40	6,828	80	43	3,816	60	2,974	43	1,541	17	1,433	35	.....	3	.....	.....
South Carolina	1	10	.....	.....	.....	1	10	1	10	.....	.....	.....	.....	.....	.....	.....
South Dakota	2	100	2	2	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee	49	1,317	20	15	772	39	541	11	241	28	300	.....	.....	.....	.....	4
Texas	4	225	5	4	225	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	9	465	5	3	195	10	270	10	270	.....	.....	.....	.....	.....	.....	.....
Vermont	29	3,593	24	11	1,200	38	2,398	24	1,150	14	1,248	.....	.....	.....	.....	.....
Virginia	35	782	3	3	120	37	662	16	429	21	233	.....	.....	.....	.....	.....
West Virginia	36	666	18	17	525	15	141	3	22	12	119	.....	.....	.....	.....	.....
Wisconsin	32	1,435	18	9	374	37	1,061	16	440	21	621	.....	.....	.....	.....	.....

WORSTED GOODS.

The United States	139	57,111	639	314	43,891	111	12,437	84	10,274	27	2,163	205	1	567	.....	13
Connecticut	10	3,120	31	14	1,550	17	1,570	9	670	8	900	.....	.....	.....	.....	.....
Kentucky	2	310	3	2	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Maine	1	1,670	12	5	820	9	850	9	850	.....	.....	.....	.....	.....	.....	.....
Massachusetts	33	16,835	116	109	10,856	43	5,979	36	5,620	7	359	.....	.....	.....	.....	.....
New Hampshire	4	1,406	12	8	485	6	921	4	623	2	298	.....	.....	.....	.....	.....
New Jersey	6	1,290	15	7	1,260	1	30	.....	.....	1	30	.....	.....	.....	.....	.....
New York	13	3,896	40	23	3,165	6	680	4	580	2	100	50	1	.....	.....	.....
Pennsylvania	41	15,848	267	98	15,618	4	190	2	100	2	90	40	.....	.....	.....	.....
Rhode Island	28	12,629	143	57	9,837	24	2,119	19	1,724	5	386	115	.....	567	.....	.....
Wisconsin	1	107	.....	.....	.....	1	107	1	107	.....	.....	.....	.....	.....	.....	.....

ZINC.

The United States	7	1,425	21	11	1,425	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois	2	1,150	13	5	1,150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas	3	135	6	3	135	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	2	140	2	3	140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....